



Open Source Used In system-manager darwin

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1.2 coreutils 8.30-3ubuntu2

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1.3 libxdmcp 1.1.3-0ubuntu1

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include/bsd/stdlib.h
include/bsd/sys/param.h
include/bsd/unistd.h
src/bsd_getopt.c
src/err.c
src/fgetln.c
src/progname.c

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include/bsd/sys/bitstring.h
include/bsd/sys/queue.h
include/bsd/sys/time.h
include/bsd/timeconv.h
include/bsd/vis.h
man/bitstring.3bsd
man/errc.3bsd
man/explicit_bzero.3bsd
man/fgetln.3bsd

man/fgetwln.3bsd
man/fpurge.3bsd
man/funopen.3bsd
man/getbsize.3bsd
man/heapsort.3bsd
man/nlist.3bsd
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man/radixsort.3bsd
man/reallocarray.3bsd
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man/setmode.3bsd
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man/strtoi.3bsd
man/strtou.3bsd
man/unvis.3bsd
man/vis.3bsd
man/wcsncpy.3bsd
src/getbsize.c
src/heapsort.c
src/merge.c
src/nlist.c
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include/bsd/stringlist.h

man/fmtcheck.3bsd

man/humanize_number.3bsd

man/stringlist.3bsd

man/timeval.3bsd

src/fmtcheck.c

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man/closefrom.3bsd

man/expand_number.3bsd

man/flopen.3bsd

man/getpeereid.3bsd

man/pidfile.3bsd

src/expand_number.c

src/hash/sha512.h

src/hash/sha512c.c

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src/fparseln.c

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man/readpassphrase.3bsd
man/strncpy.3bsd
man/strtonum.3bsd
src/arc4random.c
src/arc4random_linux.h
src/arc4random_openbsd.h
src/arc4random_uniform.c
src/arc4random_unix.h
src/arc4random_win.h
src/closefrom.c
src/getentropy_aix.c
src/getentropy_bsd.c
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src/getentropy_osx.c
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1.10 dash 0.5.10.2-6

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1.11 diffutils 1:3.7-3

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Version 3, 29 June 2007

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1.13 purell 1.1.1

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1.14 mpdecimal 2.4.2-3

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1.16 d-conf 0.36.0-1

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- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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- e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.18 libedit 3.1-20191231-1

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1.19 lvm2 2.03.07-1ubuntu1

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1.20 mawk 1.3.4.20200120-2

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1.21 libassuan 2.5.3-7ubuntu2

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1.22 findutils 4.7.0-1ubuntu1

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1.23 libxcb 1.14-2

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1.24 libsemanage-common 3.0-1build2

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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- a) Accompany the work with the complete corresponding

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1.25 libcbor 0.6.0-0ubuntu1

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1.26 selinux 3.0-1build2

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1.27 grep 3.4-1

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1.31 json-c 0.13.1+dfsg-7ubuntu0.3

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1.32 pinentry 1.1.0-3build1

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1.35 debianutils 4.9.1

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1.43 base-passwd 3.5.47

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

```
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the Free Software Foundation; either version  
2 of the License, or  
(at your option) any later version.
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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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```
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: base-passwd
Upstream-Contact: Colin Watson <cjwatson@debian.org>
```

```
Files: *
Copyright: Copyright 1999-2002 Wichert Akkerman <wichert@deephackmode.org>
Copyright 2002, 2003, 2004 Colin Watson <cjwatson@debian.org>
License: GPL-2
```

```
Files:
passwd.master
group.master
License: PD
X-Notes: Originally written by Ian Murdock <imurdock@debian.org> and
Bruce Perens <bruce@pixar.com>.
```

```
Files: doc/*
Copyright: Copyright 2001, 2002 Joey Hess
```

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1.44 bzip2 1.0.8-2

1.44.1 Available under license :

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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

1.45 cracklib 2.9.6-3.2

1.45.1 Available under license :

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Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point,

it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.=20

-- Nathan

=20

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing
> libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML
On Monday 01 October 2007, Neulinger, Nathan

wrote:

> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20
GPL-2 ... it was a modified artistic license ... i didnt notice the license=
=20
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir=20
applications are also GPL-2 which imo is just wrong. it isnt the place of =
a=20
library to dictact to application writes what license they should be using.=
=20

thus LGPL-2.1 enters to fill this void.

=2Dmike

Re: [Cracklib-devel]

cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan

=20

Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:33 PM

> To: Neulinger, Nathan

> Cc: cracklib-devel@li...; Alec Muffett

> Subject: Re: [Cracklib-devel] cracklib license

>=20

> On Monday 01 October 2007, Neulinger, Nathan wrote:

> > I understand that, and you're welcome to bring it up with Alec

> > directly

> > and see if he wants to relicense his code as LGPL... but at this

> > point,

> > it was enough to just get it consistent and documented as to what

> > it was

> > released under. This wasn't actually a license change, just a

> > clarification of the licensing that was already in place.

>=20

> the original license (before moving to sourceforge -- aka, 2.7) was

> not

> GPL-2 ... it was a modified artistic license ... i didnt notice the

> license

> change until it was mentioned in the latest notes.

>=20

> unlike the old license, GPL-2 prevents people from using cracklib

> unless their

> applications are also GPL-2 which imo is just wrong. it isnt the

> place of a
> library
to dictact to application writes what license they should
> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I
think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>> Seems like the ideal thing here would be for you and the other distro
>> maintainers to get together with Alec in a conversation and come to a

>> decision as to what licensing scheme y'all want. I haven't really done
>> much other than cleaning up the packaging and patches and a small
>> bit of
>> additional
code, so whatever licensing y'all come up with is fine
>> by me.
>
> I am sympathetic. Guys, what do you reckon?
>
> What I am hearing so far is that LGPL makes sense, since it can be
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable
timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately,
GPLv2 with the option of using the library under a later version of the
GPL would permit applications which were released under version 3 of the
GPL to use the library, too, which would be sufficient for the packages
which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
>>> Seems like the ideal thing here would be for you and the other distro
>>> maintainers to get together with Alec in a conversation and come to a
>>> decision as to what licensing scheme y'all want. I haven't really done
>>> much other than cleaning up the packaging and patches and a small
>>> bit of
>>> additional code, so whatever licensing y'all come up with is fine
>>> by me.
>>
>> I am sympathetic. Guys, what do you reckon?
>>
>> What I am hearing so far is that LGPL makes sense, since it can be
>> linked with any code, not just GPL...
>

> My apologies for not chiming in in anything resembling a reasonable
> timeframe.
>
> I'd also suggest the LGPL, for the reason you noted above. Alternately,
> GPLv2 with the option of using
the library under a later version of the
> GPL would permit applications which were released under version 3 of the
> GPL to use the library, too, which would be sufficient for the packages
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.
>
> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
the change now ?

-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.

>

> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October

2008, Alec Muffett wrote:

> >> In any case, I thank you both for working on sorting this out.

> >

> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we

> > make the change now ?

>

> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike

BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

From

alecm@crypticide.com Mon Oct 1 12:26:03 2007

Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);

Mon, 1 Oct 2007 12:26:03 -0500

Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);

Mon, 1 Oct 2007 12:26:02 -0500

Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000

Received: from smtp1.srv.mst.edu (131.151.1.43)

by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000

Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])

by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtp020623

for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500

Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])

by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311

for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)

Received: from

[82.68.43.14] (helo=[192.168.1.3])

by rutherford.zen.co.uk with esmtp (Exim 4.50)

id 1IcOcX-0004Qt-6L

for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000

Mime-Version: 1.0 (Apple Message framework v752.2)

In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>

References: <1190922867.3457.147.camel@localhost.localdomain>

<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>

<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>

Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed

Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>

Content-Transfer-Encoding: 7bit

From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length:
585
Lines: 21

>
> ----- Forwarded message -----
> From: Neulinger, Nathan <nneul@umr.edu>
> Date: Sep 27, 2007 2:58 PM
> Subject: RE: cracklib license
> To: alecm@crypto.dircon.co.uk
>
> Any chance you could write me a self-contained email stating clearly
> that the license is being changed to GPL, so I could include that
> email
> in the repository and clean up the repository/tarballs? I have all the
> original discussion, but something succinct and self contained
> would be
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

1.46 libpwquality 1.4.2-1build1

1.46.1 Available under license :

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```
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```

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```
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This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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1.47 gobject-introspection 1.64.1-

1~ubuntu20.04.1

1.47.1 Available under license :

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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```
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```

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1.48 cdebconf 0.251ubuntu1

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debconf - The original, de facto, perl implementation

(c) Joey Hess <joeyh@debian.org>

apt - The Debian Advanced Package Tool

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1.49 pygobject 3.36.0-1

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Any

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1.50 pigz 2.4-1

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```

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1.55 idna 2.8

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```
* /opt/cola/permits/1110810307_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/LICENSE.rst
```

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""""

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

""""

```
import io, sys
```

```
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
```

```
    if python_version < (2,7):
```

```
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = { }
```

```
    exec(open('idna/package_data.py').read(), package_data)
```

```
    arguments = {
```

```
        'name': 'idna',
```

```
        'packages': ['idna'],
```

```
        'version': package_data['__version__'],
```

```
        'description': 'Internationalized Domain Names in Applications (IDNA)',
```

```
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
```

```
        'author': 'Kim Davies',
```

```
        'author_email': 'kim@cynosure.com.au',
```

```
        'license': 'BSD-like',
```

```
        'url': 'https://github.com/kjd/idna',
```

```
        'classifiers': [
```

```
            'Development Status :: 5 - Production/Stable',
```

```
            'Intended Audience :: Developers',
```

```
            'Intended Audience :: System Administrators',
```

```

'License :: OSI Approved :: BSD License',
'Operating System :: OS Independent',
'Programming Language :: Python',
'Programming Language :: Python :: 2',
'Programming Language :: Python :: 2.7',
'Programming Language :: Python :: 3',
'Programming Language :: Python :: 3.4',
'Programming Language :: Python :: 3.5',
'Programming Language :: Python :: 3.6',
'Topic :: Internet :: Name Service (DNS)',
'Topic :: Software Development :: Libraries :: Python Modules',
'Topic :: Utilities',
],
'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
'test_suite': 'tests',
}

setup(**arguments)

if __name__ == '__main__':
    main()

```

Found in path(s):

* /opt/cola/permits/1110810307_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/setup.py

1.56 zip 3.0-11build1

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1.57 go-spew v1.1.1

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1.63 diffutils 3.7-3

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1.64 mime-support 3.64ubuntu1

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1.65 libfido2 1.3.1-1ubuntu2

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1.66 shared-mime-info 1.15-1

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1.69 ssh-import-id 5.10-0ubuntu1

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Upstream-Name: ssh-import-id

Source: <http://launchpad.net/ssh-import-id>

Upstream-Contact: Dustin Kirkland <kirkland@ubuntu.com>

Files: *

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1.70 Isb 11.1.0ubuntu2

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Upstream-Name: LSB implementation package

Files: *

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1.71 libxcrypt 4.4.10-10ubuntu4

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1.72 sysv-init 2.96-2.1ubuntu1

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1.75 python-distro 1.4.0-1

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```
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it
under certain conditions; type `show c' for details.
```

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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*/

/* checkTag : validation tool for libzstd

* command :

* \$./checkTag tag

* checkTag validates tags of following format : v[0-9].[0-9].[0-9]{any }

* The tag is then compared to zstd version number.

* They are compatible if first 3 digits are identical.

* Anything beyond that is free, and doesn't impact validation.

* Example : tag v1.8.1.2 is compatible with version 1.8.1

* When tag and version are not compatible, program exits with error code 1.

* When they are compatible, it exists with a code 0.

* checkTag is intended to be used in automated testing environment.

*/

1.78 libtasn 4.16.0-2

1.78.1 Available under license :

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Version 2.1, February 1999

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1.85 pygobject 3.36.0

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Any

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1.86 ssh-import-id 5.10

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Source: <https://github.com/Cyan4973/lz4>

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1.89 gogo-protobuf v1.3.2

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1.91 libnettle6 3.5.1+really3.5.1-2ubuntu0.2

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/* nettle-internal.c
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AES

The implementation of the AES cipher (also known as rijndael) is written by Rafael Sevilla. Assembler for x86 by Rafael Sevilla and Niels Miller, Sparc assembler by Niels Miller. Released under the LGPL.

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ARCFOUR

The implementation of the ARCFOUR (also known as RC4) cipher is written by Niels Miller. Released under the LGPL.

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BLOWFISH

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CAMELLIA

The C implementation is by Nippon Telegraph and Telephone Corporation (NTT), heavily modified by Niels Miller. Assembler for x86 and x86_64 by Niels Miller. Released under the LGPL.

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CAST128

The implementation of the CAST128 cipher is written by Steve Reid. Released into the public domain.

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DES

The implementation of the DES cipher is written by Dana L. How, and released under the LGPL.

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MD2

The implementation of MD2 is written by Andrew Kuchling, and hacked some by Andreas Sigfridsson and Niels Miller. Python Cryptography Toolkit license (essentially public domain).

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MD4

This is almost the same code as for MD5 below, with modifications by Marcus Comstedt. Released into the public domain.

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MD5

The implementation of the MD5 message digest is written by Colin Plumb. It has been hacked some more by Andrew Kuchling and Niels Miller. Released into the public domain.

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SHA224, SHA256, SHA384, and SHA512

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TWOFISH

The implementation of the TWOFISH cipher is written by Ruud de Rooij. Released under the LGPL.

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```
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```
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```

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1.95 attr 1:2.4.48-5

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1.100 libonig5 6.9.4-1

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1.101 Isb-release 11.1.0ubuntu2

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1.102 python-gi 3.36.0-1

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any

executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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1.103 libmagic 1:5.38-4

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1.104 python-chardet 3.0.4-4build1

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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That's all there is to it!

1.105 python3-distro 1.4.0-1

1.105.1 Available under license :

Thanks!

- * <https://github.com/andy-maier>
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1.106 python-six 1.14.0-2

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1.107 libdconf1 0.36.0-1

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Version 2.1, February 1999

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1.109 xauth 1:1.1-0ubuntu1

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1.110 libdevmapper 2:1.02.167-1ubuntu1

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1.112 libxext 2:1.3.4-0ubuntu1

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1.113 libxau 1:1.0.9-0ubuntu1

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1.114 python3-certifi 2019.11.28-1

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<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.

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1.115 dmsetup 2:1.02.167-1ubuntu1

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any executables

containing that work also fall under Section 6,

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```
phonetic_english.h - phonetic transformation rules for use with phonetic.c
# Copyright (C) 2000 Björn Jacke
#
# This rule set is based on Lawrence Phillips original metaphone
# algorithm with modifications made by Michael Kuhn in his
# C implantation, more modifications by Björn Jacke when
# converting the algorithm to a rule set and minor
# touch ups by Kevin Atkinson
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# Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
#
# Björn Jacke may be reached by email at bjoern.jacke@gmx.de
#
# Changelog:
#
# 2000-01-05 Björn Jacke <bjoern.jacke@gmx.de>
#     - first version with translation rules derived from
#       metaphone.cc distributed with aspell 0.28.3
#     - "TH" is now represented as "@" because "0" is a
#       meta character
#     - removed TH(!vowel) --> T; always use TH --> # instead
#     - dropped "^AE" -> "E" (redundant)
#     - "ing" is transformed to "N", not "NK"
#     - "SCH(EO)" transforms to "SK" now
#     - added R --> SILENT if (after a vowel) and no (vowel or
#       "y" follows) like in "Marcy" or "abort"
#     - H is SILENT in RH at beginning of words
#     - H is SILENT if vowel leads and "Y" follows
#     - some ".OUGH.." --> ...F exceptions added
#     - "^V" transforms
#       to "W"
# 2000-01-07 Kevin Atkinson <kevinatk@home.com>
#     Converted from header to data file.
#

```

1.118 libpwquality-common 1.4.2-1build1

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1.121 errors v0.9.1

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1.122 go-restful v2.9.5+incompatible

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1.123 libcrack 2.9.6-3.2

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Upstream-Name: cracklib

Upstream-Contact: Nathan Neulinger <nneul@umr.edu>

Source: <https://github.com/cracklib/cracklib>

Files: *

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2005-2015 Nathan Neulinger <nneul@umr.edu>

2008-2015 Jan Dittberner <jan@dittberner.info>

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Comment:

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1.124 dconf-cli 0.36.0-1

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```

```
fields:
```

```
  site: string
```

```
  author: root
```

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1.132 go-openapi-jsonreference 0.19.5

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1.133 goautoneg 0.0.0-20191010083416-a7dc8b61c822

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1.134 spf13-pflag 1.0.5

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1.135 x-text 0.3.7

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1.136 urlsc 0.0.0-20170810143723- de5bf2ad4578

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1.137 easyjson 0.7.6

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1.138 zerolog 1.23.0

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1.139 errors 0.9.1

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1.140 x-term 0.0.0-20210927222741-03fcf44c2211

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1.141 go-retryablehttp 0.7.0

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1.148 icu 66.1-2ubuntu2.1

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## Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation
rules
%.${STATIC_O}: $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.${STATIC_O}: $(srcdir)/%.cpp
```

```
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<
```

Dependency rules

```
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'
```

```
%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'
```

Versioned libraries rules

```
%.${SO}.${SO_TARGET_VERSION_MAJOR}: %.${SO}.${SO_TARGET_VERSION}
$(RM) $@ && ln -s ${<F} $@
%.${SO}: %.${SO}.${SO_TARGET_VERSION_MAJOR}
$(RM) $@ && ln -s ${*F}.${SO}.${SO_TARGET_VERSION} $@
```

Bind internal references

```
# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic
```

```
# Dependencies [i.e. map files] for the final library
BIR_DEPS=
```

```
## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =
```

End BSD-specific setup

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1.150 six 1.14.0

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1.151 python 3.8.2-0ubuntu2

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This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
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2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
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1.154 popt 1.16-14

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1.155 structured-merge-diff 4.2.1

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1.160 cryptsetup 2.2.2-3ubuntu2.4

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1.166 properties 1.8.6

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1.167 x-time-rate 0.0.0-20220210224613-90d013bbcef8

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1.168 spf13-cobra v1.4.0

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1.169 xz 5.2.4-1ubuntu1.1

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Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

<https://tukaani.org/xz/lists.html>

Source:

<https://tukaani.org/xz>

<https://git.tukaani.org/xz.git>

Comment:

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To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

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[...]

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Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,

David Mackenzie, Bruno Haible, and many others.

Origin: configure.ac from XZ Utils,

visibility.m4 serial 1 (gettext-0.15),

Autoconf 2.52g

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dos/config.h was generated with autoheader, which tells Autoconf to
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Files: po/Makevars

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1.170 gzip 1.10-Ubuntu4.1

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This package was put together by Matthias Klose <doko@debian.org>, from the following sources:

bash: <ftp.gnu.org:/pub/gnu/bash/bash-4.3.tar.gz>

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support/man2html.c

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1.172 libsepol 3.0-1ubuntu0.1

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1.174 protobuf v1.28.0

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1.175 distro 1.4.0

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1.176 networkd-dispatcher 2.1- 2~ubuntu20.04.3

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1.180 pcre 2:8.39-12ubuntu0.1

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1.181 utils 0.0.0-20220210201930-3a6ce19ff2f9

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1.183 x-net 0.0.0-20220520000938-2e3eb7b945c2

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```
# This is the official list of people who can contribute
# (and typically have contributed) code to the Go repository.
# The AUTHORS file lists the copyright holders; this file
# lists people. For example, Google employees are listed here
# but not in AUTHORS, because Google holds the copyright.
#
# Names should be added to this file only after verifying that
# the individual or the individual's organization has agreed to
# the appropriate Contributor License Agreement, found here:
#
```

```
# http://code.google.com/legal/individual-cla-v1.0.html
# http://code.google.com/legal/corporate-cla-v1.0.html
#
# The agreement for individuals can be filled out on the web.

# Names should be added to this file like so:
# Individual's name <submission email address>
# Individual's name <submission email address> <email2> <emailN>
#
# An entry with multiple email addresses specifies that the
# first address should be used in the submit logs and
# that the other addresses should be recognized
# as the
# same person when interacting with Gerrit.

# Please keep the list sorted.
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1.186 kmod 27-1ubuntu2.1

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```
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jar/io/grpc/protobuf/StatusProto.java  
* /opt/cola/permits/1337382426_1654193578.9690335/0/grpc-protobuf-1-28-0-sources-1-  
jar/io/grpc/protobuf/package-info.java  
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1.188 mitchellh-mapstructure 1.5.0

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1.189 keyutils 1.6-6ubuntu1.1

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To do so, attach the following notices to the program. It is safest

to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

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```
Gnomovision version 69, Copyright (C) 19yy name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
```

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Version 2.1, February 1999

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Any executables containing that work also fall under Section 6,

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```
<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

```
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License as published by the Free Software Foundation; either  
version 2.1 of the License, or (at your option) any later version.
```

```
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```

```
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```

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Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.190 e2fsprogs 1.45.5-2ubuntu1.1

1.190.1 Available under license :

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image: $(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LD_FLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;'/'$(BSD_LIB) $(BSD_LIB)`)

install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LD_CONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs
```

uninstall-shlibs uninstall::

```
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

clean::

```
$(RM)
```

```
-rf pic
```

```
$(RM) -f $(BSD_LIB)
```

```
$(RM) -f ../$(BSD_LIB)
```

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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```

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```

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```

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Ty Coon, President of Vice
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Theodore Ts'o
23-June-2007

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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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1.193 futures 3.8

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1.194 kube-openapi 0.0.0-20220328201542-3ee0da9b0b42

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package spec

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    Name string `json:"name,omitempty"`
```

```

URL string `json:"url,omitempty"`
}
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package spec

import "testing"

func TestIntegrationLicense(t *testing.T) {
    license := License{Name: "the name", URL: "the url"}
    const licenseJSON = `{"name":"the name","url":"the url"}`
    const licenseYAML = "name: the name\nurl: the url\n"

    assertSerializeJSON(t, license, licenseJSON)
    assertParsesJSON(t, licenseJSON, license)
}

```

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1.195 google-gnostic 0.5.7-v3refs

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1.196 x-oauth2 0.0.0-20220411215720-9780585627b5

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1.197 kubernetes-client 0.24.1

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```

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.206 github.com/go-mgo/mgo v2.0.0-20160801194620-b6121c6199b7

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mgo - MongoDB driver for Go

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1.207 go-restful v2.9.5

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1.208 gopkg.in/ini.v1 v1.67.0

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1.209 github.com/golang-jwt/jwt/v4 v4.4.2

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1.210 x-time v0.0.0-20220210224613-90d013bbcef8

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1.211 pcre 10.34-7ubuntu0.1

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1.212 gotenv v1.4.1

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1.213 github.com/pelletier/go-toml/v2 v2.0.5

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1.214 viper 1.13.0

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1.215 pcre 8.39-12ubuntu0.1

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<signature of Ty Coon>, 1 April 1989
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1.218 github.com/google/gnostic v0.5.7-v3refs

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```

package spec

```
// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    Name string `json:"name,omitempty"`
    URL string `json:"url,omitempty"`
}
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```

package spec

```
import "testing"
```

```
func TestIntegrationLicense(t *testing.T) {  
    license := License{Name: "the name", URL: "the url"}  
    const licenseJSON = `{"name":"the name","url":"the url"}`  
    const licenseYAML = "name: the name\nurl: the url\n"  
  
    assertSerializeJSON(t, license, licenseJSON)  
    assertParsesJSON(t, licenseJSON, license)  
}
```

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1.221 x-text v0.3.7

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1.222 x-sys v0.0.0-20220520151302-

bc2c85ada10a

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```

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1.223 spf13-viper v1.13.0

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1.224 spf13-afero v1.8.2

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1.225 spf13-cast v1.5.0

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1.227 zlib 1.2.11.dfsg-2ubuntu1.5

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```
/* gun.c -- simple gunzip to give an example of the use of inflateBack()
```

```
* Copyright (C) 2003, 2005, 2008, 2010, 2012 Mark Adler
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

Version 1.7 12 August 2012 Mark Adler */

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gun.c

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/* gzclose.c -- zlib gzclose() function

* Copyright (C) 2004, 2010 Mark Adler

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*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzclose.c

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MiniZip - Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1 64 bits from Mathias Svensson

Introduction

MiniZip 1.1 is built from MiniZip 1.0 by Gilles Vollant (<http://www.winimage.com/zLibDll/minizip.html>)

When adding ZIP64 support into minizip it would result into risk of breaking compatibility with minizip 1.0. All possible work was done for compatibility.

Background

When adding ZIP64 support Mathias Svensson found that Even Rouault have added ZIP64 support for unzip.c into minizip for a open source project called gdal (<http://www.gdal.org/>)

That was used as a starting point. And after that ZIP64 support was added to zip.c some refactoring and code cleanup was also done.

Changed from MiniZip 1.0 to MiniZip 1.1

* Added ZIP64 support for unzip (by Even Rouault)

* Added ZIP64 support for zip (by Mathias Svensson

)

* Reverted some changed that Even Rouault did.

* Bunch of patches received from Gulles Vollant that he received for MiniZip from various users.

* Added unzip patch for BZIP Compression method (patch create by Daniel Borca)

* Added BZIP Compress method for zip

* Did some refactoring and code cleanup

Credits

Gilles Vollant - Original MiniZip author
Even Rouault - ZIP64 unzip Support
Daniel Borca - BZip Compression method support in unzip
Mathias Svensson - ZIP64 zip support
Mathias Svensson - BZip Compression method support in zip

Resources

ZipLayout <http://result42.com/projects/ZipFileLayout>

Command line tool for Windows that shows the layout and information of the headers in a zip archive.

Used when debugging and validating the creation of zip files using MiniZip64

ZIP App Note <http://www.pkware.com/documents/casestudies/APPNOTE.TXT>

Zip File specification

Notes.

* To be able to use BZip compression method in
zip64.c or unzip64.c the BZIP2 lib is needed and HAVE_BZIP2 need to be defined.

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Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/MiniZip64_info.txt

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```
/* compress.c -- compress a memory buffer
* Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/compress.c
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```

```
/* zconf.h -- configuration of the zlib compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.in
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.cmakein
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```

```
/*
* gzlog.c
* Copyright (C) 2004, 2008, 2012, 2016 Mark Adler, all rights reserved
* For conditions of distribution and use, see copyright notice in gzlog.h
* version 2.2, 14 Aug 2012
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.c
No license file was found, but licenses were detected in source scan.
```

```
/* deflate.c -- compress data using the deflation algorithm
* Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.c
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```

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Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-
```

1.2.11.dfsg/examples/zlib_how.html

No license file was found, but licenses were detected in source scan.

```
/* zutil.h -- internal interface and configuration of the compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.h
```

No license file was found, but licenses were detected in source scan.

```
/* uncompr.c -- decompress a memory buffer
* Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/uncompr.c
```

No license file was found, but licenses were detected in source scan.

```
# For conditions of distribution and use, see copyright notice in zlib.h
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.emx
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/Makefile.emx
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.dj2
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/os2/Makefile.os2
```

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```
/* trees.c -- output deflated data using Huffman coding
* Copyright (C) 1995-2017 Jean-loup Gailly
* detect_data_type() function provided freely by Cosmin Truta, 2006
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/trees.c
```

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```
/* gzread.c -- zlib functions for reading gzip files
* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzread.c

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/* unzip.c -- IO for uncompress .zip files using zlib

Version 1.1, February 14h, 2010

part of the MiniZip project - (<http://www.winimage.com/zLibDll/minizip.html>)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications of Unzip for Zip64

Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip

Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

Decryption code comes from crypt.c by Info-ZIP but has been greatly reduced in terms of compatibility with older software. The following is from the original crypt.c.
Code woven in by Terry Thorsen 1/2003.

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If, for some reason, all these files are missing, the Info-ZIP license also may be found at: <ftp://ftp.info-zip.org/pub/infozip/license.html>

crypt.c (full version) by Info-ZIP. Last revised: [see crypt.h]

The encryption/decryption parts of this source code (as opposed to the non-echoing password parts) were originally written in Europe. The whole source package can be freely distributed, including from the USA. (Prior to January 2000, re-export from the US was a violation of US law.)

This encryption code is a direct transcription of the algorithm from Roger Schlafly, described by Phil Katz in the file appnote.txt. This file (appnote.txt) is distributed with the PKZIP program (even in the version without encryption capabilities).

Changes in unzip.c

2007-2008 - Even Rouault - Addition of cpl_unzGetCurrentFileZStreamPos
2007-2008 - Even Rouault - Decoration of symbol names unz* -> cpl_unz*
2007-2008 - Even Rouault - Remove old C style function prototypes
2007-2008 - Even Rouault - Add unzip support for ZIP64

Copyright (C) 2007-2008 Even Rouault

Oct-2009 - Mathias Svensson - Removed cpl_* from symbol names (Even Rouault added them but since this is now moved to a new project (minizip64) I renamed them again).

Oct-2009 - Mathias Svensson - Fixed problem if uncompressed size was > 4G and compressed size was <4G should only read the compressed/uncompressed size from the Zip64 format if the size from normal header was 0xFFFFFFFF

Oct-2009 - Mathias Svensson - Applied some bug fixes from patches received from Gilles Vollant

Oct-2009 - Mathias Svensson - Applied support to unzip files with compression method BZIP2 (bzip2 lib is required)

Patch created by Daniel Borca

Jan-2010 - back to unzip and minizip 1.0 name scheme, with compatibility layer

Copyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.c

No license file was found, but licenses were detected in source scan.

/* example.c -- usage example of the zlib compression library

* Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/example.c

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

No license file was found, but licenses were detected in source scan.

```
/* gzwrite.c -- zlib functions for writing gzip files
 * Copyright (C) 2004-2017 Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 */
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzwrite.c
```

No license file was found, but licenses were detected in source scan.

```
/* Adler32.c -- compute the Adler-32 checksum of a data stream
 * Copyright (C) 1995-2011, 2016 Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 */
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/adler32.c
```

No license file was found, but licenses were detected in source scan.

Frequently Asked Questions about zlib

If your question is not there, please check the zlib home page <http://zlib.net/> which may have more recent information.

The latest zlib FAQ is at http://zlib.net/zlib_faq.html

1. Is zlib Y2K-compliant?

Yes. zlib doesn't handle dates.

2. Where can I get a Windows DLL version?

The zlib sources can be compiled without change to produce a DLL. See the file win32/DLL_FAQ.txt in the zlib distribution. Pointers to the precompiled DLL are found in the zlib web site at <http://zlib.net/>.

3. Where can I get a Visual Basic interface to zlib?

See

* <http://marknelson.us/1997/01/01/zlib-engine/>

* win32/DLL_FAQ.txt in the zlib distribution

4. compress() returns Z_BUF_ERROR.

Make sure that before the call of compress(), the length of the compressed buffer is equal to the available size of the compressed buffer and not zero. For Visual

Basic, check that this parameter is passed by reference ("as any"), not by value ("as long").

5. deflate() or inflate() returns Z_BUF_ERROR.

Before making the call, make sure that avail_in and avail_out are not zero. When setting the parameter flush equal to Z_FINISH, also make sure that avail_out is big enough to allow processing all pending input. Note that a Z_BUF_ERROR is not fatal--another call to deflate() or inflate() can be made with more input or output space. A Z_BUF_ERROR may in fact be unavoidable depending on how the functions are used, since it is not possible to tell whether or not there is more output pending when strm.avail_out returns with zero. See http://zlib.net/zlib_how.html for a heavily annotated example.

6. Where's the zlib documentation (man pages, etc.)?

It's in zlib.h. Examples of zlib usage are in the files test/example.c and test/minigzip.c, with more in examples/.

7. Why don't you use GNU autoconf or libtool or ...?

Because we would like to keep zlib as a very small and simple package. zlib is rather portable and doesn't need much configuration.

8. I found a bug in zlib.

Most of the time, such problems are due to an incorrect usage of zlib. Please try to reproduce the problem with a small program and send the corresponding source to us at zlib@gzip.org. Do not send multi-megabyte data files without prior agreement.

9. Why do I get "undefined reference to gzputc"?

If "make test" produces something like

```
example.o(.text+0x154): undefined reference to `gzputc'
```

check that you don't have old files `libz.*` in `/usr/lib`, `/usr/local/lib` or `/usr/X11R6/lib`. Remove any old versions, then do "make install".

10. I need a Delphi interface to zlib.

See the `contrib/delphi` directory in the zlib distribution.

11. Can zlib handle .zip archives?

Not by itself, no. See the directory `contrib/minizip` in the zlib distribution.

12.

Can zlib handle .Z files?

No, sorry. You have to spawn an `uncompress` or `gunzip` subprocess, or adapt the code of `uncompress` on your own.

13. How can I make a Unix shared library?

By default a shared (and a static) library is built for Unix. So:

```
make distclean
./configure
make
```

14. How do I install a shared zlib library on Unix?

After the above, then:

```
make install
```

However, many flavors of Unix come with a shared zlib already installed. Before going to the trouble of compiling a shared version of zlib and

trying to install it, you may want to check if it's already there! If you can `#include <zlib.h>`, it's there. The `-lz` option will probably link to it. You can check the version at the top of `zlib.h` or with the `ZLIB_VERSION` symbol defined in `zlib.h`.

15. I have a question about OttoPDF.

We are not the authors of OttoPDF. The real author is on the OttoPDF web site: Joel Hainley, jhainley@myndkryme.com.

16.

Can zlib decode Flate data in an Adobe PDF file?

Yes. See <http://www.pdflib.com/>. To modify PDF forms, see <http://sourceforge.net/projects/acroformtool/>.

17. Why am I getting this "register_frame_info not found" error on Solaris?

After installing zlib 1.1.4 on Solaris 2.6, running applications using zlib generates an error such as:

```
ld.so.1: rpm: fatal: relocation error: file /usr/local/lib/libz.so:
symbol __register_frame_info: referenced symbol not found
```

The symbol `__register_frame_info` is not part of zlib, it is generated by the C compiler (cc or gcc). You must recompile applications using zlib which have this problem. This problem is specific to Solaris. See <http://www.sunfreeware.com> for Solaris versions of zlib and applications using zlib.

18. Why does gzip give an error on a file I make with compress/deflate?

The `compress` and `deflate` functions produce data in the zlib format, which is different and incompatible with the `gzip` format. The `gz*` functions in zlib on the other hand use the `gzip` format. Both the zlib and `gzip` formats use the same compressed data format internally, but have different headers and trailers around the compressed data.

19. Ok, so why are there two different formats?

The `gzip` format was designed to retain the directory information about a single file, such as the name and last modification date. The zlib format on the other hand was designed for in-memory and communication channel applications, and has a much more compact header and trailer and uses a faster integrity check than `gzip`.

20. Well that's nice, but how do I make a gzip file in memory?

You can request that deflate write the gzip format instead of the zlib format using `deflateInit2()`. You can also request that inflate decode the gzip format using `inflateInit2()`. Read `zlib.h` for more details.

21. Is zlib thread-safe?

Yes. However any library routines that zlib uses and any application-provided memory allocation routines must also be thread-safe. zlib's `gz*` functions use `stdio` library routines, and most of zlib's functions use the library memory allocation routines by default. zlib's `*Init*` functions allow for the application to provide custom memory allocation routines.

Of course, you should only operate on any given zlib or gzip stream from a single thread at a time.

22. Can I use zlib in my commercial application?

Yes. Please read the license in `zlib.h`.

23. Is zlib under the GNU license?

No. Please read the license in `zlib.h`.

24. The license says that altered source versions must be "plainly marked". So what exactly do I need to do to meet that requirement?

You need to change the `ZLIB_VERSION` and `ZLIB_VERNUM` `#defines` in `zlib.h`. In particular, the final version number needs to be changed to "f", and an identification string should be appended to `ZLIB_VERSION`. Version numbers `x.x.x.f` are reserved for modifications to zlib by others than the zlib maintainers. For example, if the version of the base zlib you are altering is "1.2.3.4", then in `zlib.h` you should change `ZLIB_VERNUM` to `0x123f`, and `ZLIB_VERSION` to something like "1.2.3.f-zachary-mods-v3". You can also update the version strings in `deflate.c` and `inftrees.c`.

For altered source distributions, you should also note the origin and nature of the changes in `zlib.h`, as well as in `ChangeLog` and `README`, along with the dates of the alterations. The origin should include at least your name (or your company's name), and an email address to contact for help or issues with the library.

Note that distributing a compiled zlib library along with `zlib.h` and `zconf.h` is also a source distribution, and so you should change `ZLIB_VERSION` and `ZLIB_VERNUM` and note the origin and nature of the changes in `zlib.h` as you would for a full source distribution.

25.

Will zlib work on a big-endian or little-endian architecture, and can I exchange compressed data between them?

Yes and yes.

26. Will zlib work on a 64-bit machine?

Yes. It has been tested on 64-bit machines, and has no dependence on any data types being limited to 32-bits in length. If you have any difficulties, please provide a complete problem report to zlib@gzip.org

27. Will zlib decompress data from the PKWare Data Compression Library?

No. The PKWare DCL uses a completely different compressed data format than does PKZIP and zlib. However, you can look in zlib's contrib/blast directory for a possible solution to your problem.

28. Can I access data randomly in a compressed stream?

No, not without some preparation. If when compressing you periodically use `Z_FULL_FLUSH`, carefully write all the pending data at those points, and keep an index of those locations, then you can start decompression at those points. You have to be careful to not use `Z_FULL_FLUSH` too often, since it can significantly degrade compression. Alternatively, you can scan a deflate stream once to generate an index, and then use that index for random access. See `examples/zran.c`.

29. Does zlib work on MVS, OS/390, CICS, etc.?

It has in the past, but we have not heard of any recent evidence. There were working ports of zlib 1.1.4 to MVS, but those links no longer work. If you know of recent, successful applications of zlib on these operating systems, please let us know. Thanks.

30. Is there some simpler, easier to read version of inflate I can look at to understand the deflate format?

First off, you should read RFC 1951. Second, yes. Look in zlib's contrib/puff directory.

31. Does zlib infringe on any patents?

As far as we know, no. In fact, that was originally the whole point behind zlib. Look here for some more information:

<http://www.gzip.org/#faq11>

32. Can zlib work
with greater than 4 GB of data?

Yes. `inflate()` and `deflate()` will process any amount of data correctly. Each call of `inflate()` or `deflate()` is limited to input and output chunks of the maximum value that can be stored in the compiler's "unsigned int" type, but there is no limit to the number of chunks. Note however that the `strm.total_in` and `strm_total_out` counters may be limited to 4 GB. These counters are provided as a convenience and are not used internally by `inflate()` or `deflate()`. The application can easily set up its own counters updated after each call of `inflate()` or `deflate()` to count beyond 4 GB. `compress()` and `uncompress()` may be limited to 4 GB, since they operate in a single call. `gzseek()` and `gztell()` may be limited to 4 GB depending on how zlib is compiled. See the `zlibCompileFlags()` function in `zlib.h`.

The word "may" appears several times above since there is a 4 GB limit only if the compiler's "long" type is 32 bits. If the compiler's "long" type is 64 bits, then the limit is 16 exabytes.

33. Does zlib have any security vulnerabilities?

The only one that we are aware of is potentially in `gzprintf()`. If zlib is compiled to use `sprintf()` or `vsprintf()`, then there is no protection against a buffer overflow of an 8K string space (or other value as set by `gzbuffer()`), other than the caller of `gzprintf()` assuring that the output will not exceed 8K. On the other hand, if zlib is compiled to use `snprintf()` or `vsprintf()`, which should normally be the case, then there is no vulnerability. The `./configure` script will display warnings if an insecure variation of `sprintf()` will be used by `gzprintf()`. Also the `zlibCompileFlags()` function will return information on what variant of `sprintf()` is used by `gzprintf()`.

If you don't have `snprintf()` or `vsprintf()` and would like one, you can find a portable implementation here:

<http://www.ijs.si/software/snprintf/>

Note that you should be using the most recent version of zlib. Versions 1.1.3 and before were subject to a double-free vulnerability, and versions 1.2.1 and 1.2.2 were subject to an access exception when decompressing invalid compressed data.

34. Is there a Java version of zlib?

Probably what you want is to use zlib in Java. zlib is already included as part of the Java SDK in the `java.util.zip` package. If you really want

a version of zlib written in the Java language, look on the zlib home page for links: <http://zlib.net/> .

35. I get this or that compiler or source-code scanner warning when I crank it up to maximally-pedantic. Can't you guys write proper code?

Many years ago, we gave up attempting to avoid warnings on every compiler in the universe. It just got to be a waste of time, and some compilers were downright silly as well as contradicted each other. So now, we simply make sure that the code always works.

36. Valgrind (or some similar memory access checker) says that deflate is performing a conditional jump that depends on an uninitialized value. Isn't that a bug?

No. That is intentional for performance reasons, and the output of deflate is not affected. This only started showing up recently since zlib 1.2.x uses `malloc()` by default for allocations, whereas earlier versions used `calloc()`, which zeros out the allocated memory. Even though the code was correct, versions 1.2.4 and later was changed to not stimulate these checkers.

37. Will zlib read the (insert any ancient or arcane format here) compressed data format?

Probably not. Look in the `comp.compression` FAQ for pointers to various formats and associated software.

38. How can I encrypt/decrypt zip files with zlib?

zlib doesn't support encryption. The original PKZIP encryption is very weak and can be broken with freely available programs. To get strong encryption, use GnuPG, <http://www.gnupg.org/> , which already includes zlib compression. For PKZIP compatible "encryption", look at <http://www.info-zip.org/>

39. What's the difference between the "gzip" and "deflate" HTTP 1.1 encodings?

"gzip" is the gzip format, and "deflate" is the zlib format. They should probably have called the second one "zlib" instead to avoid confusion with the raw deflate compressed data format. While the HTTP 1.1 RFC 2616 correctly points to the zlib specification in RFC 1950 for the "deflate" transfer encoding, there have been reports of servers and browsers that incorrectly produce or expect raw deflate data per the deflate specification in RFC 1951, most notably Microsoft. So even though the "deflate" transfer encoding using the zlib format would be the more

efficient approach (and in fact exactly what the zlib format was designed for), using the "gzip" transfer encoding is probably more reliable due to an unfortunate choice of name on the part of the HTTP 1.1 authors.

Bottom line: use the gzip format for HTTP 1.1 encoding.

40. Does zlib support the new "Deflate64" format introduced by PKWare?

No. PKWare has apparently decided to keep that format proprietary, since they have not documented it as they have previous compression formats. In any case, the compression improvements are so modest compared to other more modern approaches, that it's not worth the effort to implement.

41. I'm having a problem with the zip functions in zlib, can you help?

There are no zip functions in zlib. You are probably using minizip by Giles Vollant, which is found in the contrib directory of zlib. It is not part of zlib. In fact none of the stuff in contrib is part of zlib. The files in there are not supported by the zlib authors. You need to contact the authors of the respective contribution for help.

42. The match.asm code in contrib is under the GNU General Public License.

Since it's part of zlib, doesn't that mean that all of zlib falls under the GNU GPL?

No. The files in contrib are not part of zlib. They were contributed by other authors and are provided as a convenience to the user within the zlib distribution. Each item in contrib has its own license.

43. Is zlib subject to export controls? What is its ECCN?

zlib is not subject to export controls, and so is classified as EAR99.

44. Can you please sign these lengthy legal documents and fax them back to us so that we can use your software in our product?

No. Go away. Shoo.

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/FAQ
```

No license file was found, but licenses were detected in source scan.

```
/* inftrees.h -- header to use inftrees.c
```

```
* Copyright (C) 1995-2005, 2010 Mark Adler
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

```
*/
```

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.h

No license file was found, but licenses were detected in source scan.

/* gzappend -- command to append to a gzip file

Copyright (C) 2003, 2012 Mark Adler, all rights reserved

version 1.2, 11 Oct 2012

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Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzappend.c

No license file was found, but licenses were detected in source scan.

/* deflate.h -- internal compression state

* Copyright (C) 1995-2016 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.h

No license file was found, but licenses were detected in source scan.

/*

Additional tools for Minizip

Code: Xavier Roche '2004

License: Same as ZLIB (www.gzip.org)

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.h

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.c

No license file was found, but licenses were detected in source scan.

/* unzip.h -- IO for uncompress .zip files using zlib

Version 1.1, February 14h, 2010

part of the MiniZip project - (<http://www.winimage.com/zLibDll/minizip.html>)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications of Unzip for Zip64

Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip

Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

Condition of use and distribution are the same than zlib :

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3. This notice may not be removed or altered from any source distribution.

Changes

See header of unzip64.c

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.h

No license file was found, but licenses were detected in source scan.

/* gzjoin -- command to join gzip files into one gzip file

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version 1.2, 14 Aug 2012

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3. This notice may not be removed or altered from any source distribution.

Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzjoin.c

No license file was found, but licenses were detected in source scan.

/* crc32.c -- compute the CRC-32 of a data stream

* Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*

* Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster

* CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing

* tables for updating the shift register in one step with three exclusive-ors

* instead of four steps with four exclusive-ors. This results in about a

* factor of two increase in speed on a Power PC G4 (PPC7455) using gcc -O3.

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/crc32.c
No license file was found, but licenses were detected in source scan.

/* inffast.c -- fast decoding

* Copyright (C) 1995-2017 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.c
No license file was found, but licenses were detected in source scan.

/* zutil.c -- target dependent utility functions for the compression library

* Copyright (C) 1995-2017 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.c
No license file was found, but licenses were detected in source scan.

/* inflate.h -- internal inflate state definition

* Copyright (C) 1995-2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.h
No license file was found, but licenses were detected in source scan.

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), [rfc1951](http://tools.ietf.org/html/rfc1951) (deflate format) and [rfc1952](http://tools.ietf.org/html/rfc1952) (gzip format).

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.h

No license file was found, but licenses were detected in source scan.

```
/* gzguts.h -- zlib internal header definitions for gz* operations
 * Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 */
```

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzguts.h

No license file was found, but licenses were detected in source scan.

```
/* zip.h -- IO on .zip files using zlib
 Version 1.1, February 14h, 2010
 part of the MiniZip project - ( http://www.winimage.com/zLibDll/minizip.html )
```

Copyright (C) 1998-2010 Gilles Vollant (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications for Zip64 support
Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

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Changes

See header of zip.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/zip.h

No license file was found, but licenses were detected in source scan.

/* inftrees.c -- generate Huffman trees for efficient decoding

* Copyright (C) 1995-2017 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.c

No license file was found, but licenses were detected in source scan.

/* inflate.c -- zlib decompression

* Copyright (C) 1995-2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.c

No license file was found, but licenses were detected in source scan.

/* zpipe.c: example of proper use of zlib's inflate() and deflate()

Not copyrighted -- provided to the public domain

Version 1.4 11 December 2005 Mark Adler */

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zpipe.c

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ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is thread safe. The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), [rfc1951](http://tools.ietf.org/html/rfc1951) (deflate format) and [rfc1952](http://tools.ietf.org/html/rfc1952) (gzip format).

All functions of the compression library are documented in the file `zlib.h` (volunteer to write man pages welcome, contact zlib@gzip.org). A usage example of the library is given in the file `test/example.c` which also tests that the library is working correctly. Another example is given in the file `test/minigzip.c`. The compression library itself is composed of all source files in the root directory.

To compile all files and run the test program, follow the instructions given at the top of `Makefile.in`. In short `./configure; make test`, and if that goes well, `make install` should work

for most flavors of Unix. For Windows, use one of the special makefiles in `win32/` or `contrib/vstudio/`. For VMS, use `make_vms.com`.

Questions about zlib should be sent to [<zlib@gzip.org>](mailto:zlib@gzip.org), or to Gilles Vollant [<info@winimage.com>](mailto:info@winimage.com) for the Windows DLL version. The zlib home page is <http://zlib.net/>. Before reporting a problem, please check this site to verify that you have the latest version of zlib; otherwise get the latest version and check whether the problem still exists or not.

PLEASE read the zlib FAQ http://zlib.net/zlib_faq.html before asking for help.

Mark Nelson [<markn@ieee.org>](mailto:markn@ieee.org) wrote an article about zlib for the Jan. 1997 issue of Dr. Dobbs's Journal; a copy of the article is available at <http://marknelson.us/1997/01/01/zlib-engine/>.

The changes made in version 1.2.11 are documented in the file `ChangeLog`.

Unsupported third party contributions are provided in directory `contrib/`.

zlib is available in Java using the `java.util.zip` package, documented at <http://java.sun.com/developer/technicalArticles/Programming/compression/>.

A Perl interface to zlib written by Paul Marquess [<pmqs@cpan.org>](mailto:pmqs@cpan.org) is available at CPAN (Comprehensive Perl Archive Network) sites, including

<http://search.cpan.org/~pmqs/IO-Compress-Zlib/> .

A Python interface to zlib written by A.M. Kuchling <amk@amk.ca> is available in Python 1.5 and later versions, see <http://docs.python.org/library/zlib.html> .

zlib is built into tcl: <http://wiki.tcl.tk/4610> .

An experimental package to read and write files in .zip format, written on top of zlib by Gilles Vollant <info@winimage.com>, is available in the contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL_FAQ.txt
- For 64-bit Irix, deflate.c must be compiled without any optimization. With -O, one libpng test fails. The test works in 32 bit mode (with the -n32 compiler flag). The compiler bug has been reported to SGI.
- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under OSF/1 2.1 it works when compiled with cc.
- On Digital Unix 4.0D (formely OSF/1) on AlphaServer, the cc option -std1 is necessary to get gzprintf working correctly. This is done by configure.
- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with other compilers. Use "make test" to check your compiler.
- gzdopen is not supported on RISCOS or BEOS.
- For PalmOs, see <http://palmzlib.sourceforge.net/>

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/README
No license file was found, but licenses were detected in source scan.
```

```
/* minigzip.c -- simulate gzip using the zlib compression library
* Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/minigzip.c
No license file was found, but licenses were detected in source scan.
```

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Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.3
```

No license file was found, but licenses were detected in source scan.

```
/* inffast.h -- header to use inffast.c
```

```
* Copyright (C) 1995-2003, 2010 Mark Adler
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.h
```

No license file was found, but licenses were detected in source scan.

```
/* zran.c -- example of zlib/gzip stream indexing and random access
```

```
* Copyright (C) 2005, 2012 Mark Adler
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

```
Version 1.1 29 Sep 2012 Mark Adler */
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zran.c
```

No license file was found, but licenses were detected in source scan.

```
/* inffback.c -- inflate using a call-back interface
```

```
* Copyright (C) 1995-2016 Mark Adler
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffback.c
```

No license file was found, but licenses were detected in source scan.

```
/* gzlog.h
```

```
Copyright (C) 2004, 2008, 2012 Mark Adler, all rights reserved
```

```
version 2.2, 14 Aug 2012
```

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Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):

*/opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.h

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/* fitblk.c: example of fitting compressed output to a specified size

Not copyrighted -- provided to the public domain

Version 1.1 25 November 2004 Mark Adler */

Found in path(s):

*/opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/fitblk.c

No license file was found, but licenses were detected in source scan.

/* zlib.c -- zlib functions common to reading and writing gzip files

* Copyright (C) 2004-2017 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

*/opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzlib.c

No license file was found, but licenses were detected in source scan.

/* infcover.c -- test zlib's inflate routines with full code coverage

* Copyright (C) 2011, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

*/opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/infcover.c

1.228 zlib1g 1:1.2.11.dfsg-2ubuntu1.5

1.228.1 Available under license :

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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*/

1.229 d-bus 1.12.16-2ubuntu2.3

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1.238 k8s-io-client-go v0.24.1

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1.240 python-setuptools 45.2.0-1ubuntu0.1

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no

2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
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2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above				
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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All

Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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1.241 python-pkg-resources 45.2.0-1ubuntu0.1

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1.242 six 1.14.0-2

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1.243 fdisk 2.34.0

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AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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DES core in libhcrypto

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lib/hcrypto/test_dh.c

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1.246 gogo-protobuf 1.3.2

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1.248 scowl 2018.04.16-1

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Alan Beale <biljir@pobox.com> also deserves special credit as he has, in addition to providing the 12Dicts package and being a major contributor to the ENABLE word list, given me an incredible amount of feedback and created a number of special lists (those found in the Supplement) in order to help improve the overall quality of SCOWL.

The 10 level includes the 1000 most common English words (according to the Moby (TM) Words II [MWords] package), a subset of the 1000 most common words on the Internet (again, according to Moby Words II), and frequently class 16 from Brian Kelk's "UK English Wordlist with Frequency Classification".

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Arcata, CA 95521-4884

grady@netcom.com
grady@northcoast.com

The "UK English Wordlist With Frequency Classification" is also in the Public Domain:

Date: Sat, 08 Jul 2000 20:27:21 +0100

From: Brian Kelk <Brian.Kelk@cl.cam.ac.uk>

> I was wondering what the copyright status of your "UK English
> Wordlist With Frequency Classification" word list as it seems to
> be lacking any copyright notice.

There were many many sources in total, but any text marked
"copyright" was avoided. Locally-written documentation was one
source. An earlier version of the list resided in a filespace called
PUBLIC on the University mainframe, because it was considered public
domain.

Date: Tue, 11 Jul 2000 19:31:34 +0100

> So are you saying your word list
is also in the public domain?

That is the intention.

The 20 level includes frequency classes 7-15 from Brian's word list.

The 35 level includes frequency classes 2-6 and words appearing in at
least 11 of 12 dictionaries as indicated in the 12Dicts package. All
words from the 12Dicts package have had likely inflections added via
my inflection database.

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The 50 level includes Brian's frequency class 1, words words appearing in at least 5 of 12 of the dictionaries as indicated in the 12Dicts package, and uppercase words in at least 4 of the previous 12 dictionaries. A decent number of proper names is also included: The top 1000 male, female, and Last names from the 1990 Census report; a list of names sent to me by Alan Beale; and a few names that I added myself. Finally a small list of abbreviations not commonly found in other word lists is included.

The name files from the Census report is a government document which I don't think can be copyrighted.

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The 60 level includes all words appearing in at least 2 of the 12 dictionaries as indicated by the 12Dicts package.

The 70 level includes Brian's frequency class 0 and the 74,550 common dictionary words from the MWords package. The common dictionary words,

like those from the 12Dicts package, have had all likely inflections added. The 70 level also included the 5desk list from version 4.0 of the 12Dicts package which is the public domain.

The 80 level includes the ENABLE word list, all the lists in the ENABLE supplement package (except for ABLE), the "UK Advanced Cryptics Dictionary" (UKACD), the list of signature words in from YAWL package, and the 10,196 places list from the MWords package.

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that were not
found anywhere else.

Accent information was taken from UKACD.

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1.249 npth 1.6-1

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1.250 tree 1.8.0-1

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It was downloaded from <http://mama.indstate.edu/users/ice/tree/>

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```

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```
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```

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```
/* A front-end using readline to "cook" input lines for Kawa.
*
```

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1.252 libpkit 0.23.20-1ubuntu0.1

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1.253 argon2 0~20171227-0.2

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jloup@gzip.org madler@alumni.caltech.edu

The following list of people, sorted by last name, have contributed code or patches to this implementation of sudo since I began maintaining it in 1993. This list is known to be incomplete--if you believe you should be listed, please send a note to sudo@sudo.ws.

Ackeret, Matt
Adler, Mark
Allbery, Russ
Anderson, Jamie
Andrew, Nick
Andric, Dimitry
Barron, Danny
Bates, Tom
Behan, Zdenk
Bellis, Ray
Benali, Elias
Beverly, Jamie
Boardman, Spider
Bos, Sander
Bostley, P.J.
Bowes, Keith
Boyce, Keith Garry
Brantley, Michael
Braun, Rob
Bezina, Pavel
Brooks, Pietie
Brown, Jerry
Burr, Michael E
Burton, Ross
Bussjaeger, Andreas
Calvin, Gary
Campbell, Aaron
Chazelas, Stephane
Cheloha, Scott
ek, Vtislav

Coleman, Chris
Corzine, Deven T.
Cusack, Frank
Dai, Wei
Dill, David
Earickson, Jeff
Eckhardt, Drew
Edgington, Ben
Esipovich, Marc
Espie, Marc
Faigon, Ariel
Farrell, Brian
Fobes, Steve
Frysinger, Mike
G., Daniel Richard
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Gelman, Stephen
Gerraty, Simon J.
Graber, Stephane
Guillory, B.
Hayman, Randy M.
Henke, Joachim
Hideaki, Yoshifuji
Hieb, Dave
Holloway, Nick
Hoover, Adam
Hunter, Michael T.
Hutchings, Ben
Irrgang, Eric
Jackson, Brian
Jackson, John R.
Jackson, Richard L., Jr.
Janssen, Mark
Jepeway, Chris
Jorge, Joel Pele
Jover, Guillem
Juhani, Timo
Kikuchi, Ayamura
Kadow, Kevin
Kasal, Stepan
Kienenberger, Mike
King, Dale
King, Michael
Klyachkin, Andrey
Knoble, Jim
Knox, Tim
Komarnitsky, Alek O.
Kondrashov, Nikolai

Kopeek, Daniel
Kranenburg, Paul
Krause, David
Lakin, Eric
Larsen, Case
Levin, Dmitry V.
Libby, Kendall
Lobbes, Phillip E.
McIntyre, Jason
MacKenzie, David J.
McLaughlin, Tom
Makey, Jeff
Mallayya, Sangamesh
Marchionna, Michael D.
Markham, Paul
Martinian, Emin
Meskes, Michael
Michael, David
Miller, Todd C.
Minier, Loc
Moffat, Darren
Moldung, Jan Thomas
Morris, Charles
Mueller, Andreas
Mller, Dworkin
Nieuwsma, Jeff
Nikitser, Peter A.
Nussel, Ludwig
Ouellet, Jean-Philippe
Paquet, Eric
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Pasteleurs, Frederic
Percival, Ted
Perera, Andres
Peron, Christian S.J.
Peschel, Aaron
Peslyak, Alexander
Peterson, Toby
Petten, Diego Elio
Pickett, Joel
Plotnick, Alex
de Raadt, Theo
Rasch, Gudleik
Reid, Steve
Richards, Matt
Rossum, Guido van
Rouillard, John P.
Rowe, William A., Jr.

Roy, Alain
Ruusame, Elan
Ryabinkin, Eygene
Sato, Yuichi
Snchez, Wilfredo
Sanders, Miguel
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Saucier, Jean-Francois
Schoenfeld, Patrick
Schuring, Arno
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Scott, Dougal
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Slemko, Marc
Smith, Andy
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Spradling, Cloyce D.
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Tarrall, Robert
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Todd, Giles
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Uhl, Robert
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Valery, Reznic
Van Dinter, Theo
Venckus, Martynas
de Vries, Maarten
Wagner, Klaus
Walsh, Dan
Warburton, John
Webb, Kirk
Wetzel, Timm
Wieringen, Marco van
Wilk, Jakub
Winiger, Gary
Wood, David
Zacarias, Gustavo

Zolnowsky, John

The following people have worked to translate sudo into other languages as part of the Translation Project, see <https://translationproject.org> for more details.

Albuquerque, Pedro

Blttermann, Mario

Bogusz, Jakub

Buo-ren, Lin

Casagrande, Milo

Castro, Felipe

Cho, Seong-ho

Chornoivan, Yuri

Diguez,

Francisco

Fontenelle, Rafael

Garca-Fontes, Walter

Gezer, Volkan

Hamasaki, Takeshi

Hamming, Peter

Hansen, Joe

Hantrais, Frdric

Hein, Jochen

Hufthammer, Karl Ove

Jerovek, Damir

Karvonen, Jorma

Kazik, Duan

Kelemen, Gbor

Keeci, Mehmet

Koir, Klemen

Kozlov, Yuri

Kramer, Jakob

Krznar, Tomislav

Marchal, Frdric

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Maryanov, Pavel

Nikoli, Miroslav

Nylander, Daniel

Psa, Petr

Puente, Enol

Putanec, Boidar

Qun, Trn Ngc

Rasmussen, Sebastian

Regueiro, Leandro

Sarer, zgr

Sendn, Abel

Sikrom, ka

Spingos, Dimitris
Taniguchi, Yasuaki
Tomat, Fbio
r, Balzs
Uranga, Mikel Olasagasti
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-- vile: txtmode file-encoding=utf-8
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-- \$Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp \$
Upstream source <https://invisible-island.net/ncurses/ncurses.html>
This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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1.257 ca-certificates 20230311ubuntu0.20.04.1

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Files: debian/*

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1.260 python-requests 2.22.0-2ubuntu1.1

1.260.1 Available under license :

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Upstream-Name: requests

Upstream-Contact: Kenneth Reitz <me@kennethreitz.com>

Source: <https://pypi.org/project/requests/>

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1.261 libnss-nisplus 2.31

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1.262 libnss-nis 2.31

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1.265 ncurses 6.2-0ubuntu2.1

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-- vile: txtmode file-encoding=utf-8
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```
-- vile:txtmode fc=72
-- $Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp $
Upstream source https://invisible-island.net/ncurses/ncurses.html
This package is used for testing builds of ncurses.
```

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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Files: doc/html/NCURSES-Programming-HOWTO.html
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Files: *

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```
-- vile: txtmode file-encoding=utf-8
```

1.266 githubcomgolangprotobuf v1.5.2

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1.267 json iterator go v1.1.12

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1.268 githubcompelletiergotoml v1.9.4

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localtime.go, localtime_test.go:

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Changes:

- * Renamed files from civil* to localtime*.
- * Package changed from civil to toml.
- * 'Local' prefix added to all structs.

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1.285 kerberos 1.17-6ubuntu4.4

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c

lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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Contributors

In chronological order:

* victor.vde <<http://code.google.com/u/victor.vde/>>

* HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <<http://code.google.com/u/erikcederstrand/>>

* NTLM-authenticated HTTPSConnectionPool

* Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>

* Client-verified SSL certificates for HTTPSConnectionPool

* Response gzip and deflate encoding support

* Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>

* Non-multipart encoding for POST requests

* p.dobrogost <<http://code.google.com/u/@WBRSRIBZDhBFXQB6/>>

* Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>

* Bugfixes, suggestions, Requests integration

* georgemarshall <<https://github.com/georgemarshall>>

* Bugfixes, Improvements and Test

coverage

- * Thomas Kluyver <thomas@kluyver.me.uk>
 - * Python 3 support

- * brandon-rhodes <<http://rhodesmill.org/brandon>>
 - * Design review, bugfixes, test coverage.

- * studer <theo.studer@gmail.com>
 - * IPv6 url support and test coverage

- * Shivaram Lingamneni <slingamn@cs.stanford.edu>
 - * Support for explicitly closing pooled connections

- * hartator <hartator@gmail.com>
 - * Corrected multipart behavior for params

- * Thomas Weischuh <thomas@t-8ch.de>
 - * Support for TLS SNI
 - * API unification of ssl_version/cert_reqs
 - * SSL fingerprint and alternative hostname verification
 - * Bugfixes in testsuite

- * Sune Kirkeby <mig@ibofobi.dk>
 - * Optional SNI-support for Python 2 via PyOpenSSL.

- * Marc Schlaich <marc.schlaich@gmail.com>
 - * Various bugfixes and test improvements.

- * Bryce Boe <bbzbryce@gmail.com>
 - * Correct six.moves conflict
 - * Fixed pickle support of some exceptions

- * Boris Figovsky <boris.figovsky@ravellosystems.com>
 - * Allowed to skip SSL hostname verification

- * Cory Benfield
<<https://lukasa.co.uk/about/>>
 - * Stream method for Response objects.
 - * Return native strings in header values.
 - * Generate 'Host' header when using proxies.

- * Jason Robinson <jaywink@basshero.org>
 - * Add missing WrappedSocket.fileno method in PyOpenSSL

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 - * Fixed a race condition

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- * Added HTTPS (CONNECT) proxy support

- * Stephen Holsapple <sholsapp@gmail.com>
- * Added abstraction for granular control of request fields

- * Martin von Gagern <Martin.vGagern@gmx.net>
- * Support for non-ASCII header parameters

- * Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
- * Support for separate connect and request timeouts

- * Peter Waller <p@pwaller.net>
- * HTTPResponse.tell() for determining amount received over the wire

- * Nipunn Koorapati <nipunn1313@gmail.com>
- * Ignore default ports when comparing hosts for equality

- * Danilo @dbrgn <https://dbrgn.ch/>
- * Disabled TLS compression by default on Python 3.2+
- * Disabled TLS compression in pyopenssl contrib module
- * Configurable cipher suites in pyopenssl contrib module

- * Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
- * Account retries on proxy errors

- * Nicolas Delaby <nicolas.delaby@ezeep.com>
- * Use the platform-specific CA certificate locations

- * Josh Schneier <https://github.com/jschneier>
- * HTTPHeaderDict and associated tests and docs
- * Bugfixes, docs, test coverage

- * Tahia Khan <http://tahia.tk/>
- * Added Timeout examples in docs

- * Arthur Grunseid <https://grunseid.com>
- * source_address support and tests (with https://github.com/bui)

- * Ian Cordasco <graffatcolmingov@gmail.com>
- * PEP8 Compliance and Linting
- * Add ability to pass socket options to an HTTP Connection

- * Erik Tollerud <erik.tollerud@gmail.com>
- * Support for standard library io module.

- * Krishna Prasad <kprasad.iitd@gmail.com>
- * Google App Engine documentation

- * Aaron Meurer
<asmeurer@gmail.com>
 - * Added Url.url, which unparses a Url

- * Evgeny Kapun <abacabadabacaba@gmail.com>
 - * Bugfixes

- * Benjamin Meyer <bm_witness@yahoo.com>
 - * Security Warning Documentation update for proper capture

- * Shivan Sornarajah <github@sornars.com>
 - * Support for using ConnectionPool and PoolManager as context managers.

- * Alex Gaynor <alex.gaynor@gmail.com>
 - * Updates to the default SSL configuration

- * Tomas Tomecek <ttomecek@redhat.com>
 - * Implemented generator for getting chunks from chunked responses.

- * tlynn <https://github.com/tlynn>
 - * Respect the warning preferences at import.

- * David D. Riddle <ddriddle@illinois.edu>
 - * IPv6 bugfixes in testsuite

- * Thea Flowers <magicalgirl@google.com>
 - * App Engine environment tests.
 - * Documentation re-write.

- * John Krauss <https://github.com/talos>
 - * Clues to debugging problems with `cryptography` dependency in docs

- * Disassem <https://github.com/Disassem>
 - * Fix pool-default headers not applying for url-encoded requests like GET.

- * James Atherfold <jlatherfold@hotmail.com>
 - * Bugfixes relating to cleanup of connections during errors.

- * Christian Pedersen <https://github.com/chripede>
 - * IPv6 HTTPS proxy bugfix

- * Jordan Moldow <https://github.com/jmoldow>
 - * Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
 - * Bugfix for ``ConnectionPool.urlopen(release_conn=False)``.
 - * Creation of ``HTTPConnectionPool.ResponseCls``.

- * Predrag Gruevski <<https://github.com/obi1kenobi>>
 - * Made cert digest comparison use a constant-time algorithm.

- * Adam Talsma <<https://github.com/a-tal>>
 - * Bugfix to ca_cert file paths.

- * Evan Meagher <<https://evanmeagher.net>>
 - * Bugfix related to `memoryview` usage in PyOpenSSL adapter

- * John Vandenberg <jayvdb@gmail.com>
 - * Python 2.6 fixes; pyflakes and pep8 compliance

- * Andy Caldwell <andy.m.caldwell@gmail.com>
 - * Bugfix related to reusing connections in indeterminate states.

- * Ville Skytt <ville.skytta@iki.fi>
 - * Logging efficiency improvements, spelling fixes, Travis config.

- * Shige Takeda <smtakeda@gmail.com>
 - * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

- * Jess Shapiro <jesse@jesseshapiro.net>
 - * Various character-encoding fixes/tweaks
 - * Disabling IPv6 DNS when IPv6 connections not supported

- * David Foster <<http://dafoster.net/>>
 - * Ensure order of request and response headers are preserved.

- * Jeremy Cline <jeremy@jcline.org>
 - * Added connection pool keys by scheme

- * Aviv Palivoda <palaviv@gmail.com>
 - * History list to Retry object.
 - * HTTPResponse contains the last Retry object.

- * Nate Prewitt <nate.prewitt@gmail.com>
 - * Ensure timeouts are not booleans and greater than zero.
 - * Fixed infinite loop in ``stream`` when amt=None.
 - * Added length_remaining to determine remaining data to be read.
 - * Added enforce_content_length to raise exception when incorrect content-length received.

- * Seth Michael Larson <sethmichaellarson@protonmail.com>
 - * Created selectors backport that supports PEP 475.

- * Alexandre Dias <alex.dias@smarkets.com>
 - * Don't retry on timeout if method not in whitelist

- * Moinuddin Quadri <moin18@gmail.com>
- * Lazily load idna package

- * Tom White <s6yg1ez3@mail2tor.com>
- * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

- * Tim Burke <tim.burke@gmail.com>
- * Stop buffering entire deflate-encoded responses.

- * Tuukka Mustonen <tuukka.mustonen@gmail.com>
- * Add counter for status_forcelist retries.

- * Erik Rose <erik@mozilla.com>
- * Bugfix to pyopenssl vendoring

- * Wolfgang Richter <wolfgang.richter@gmail.com>
- * Bugfix related to loading full certificate chains with PyOpenSSL backend.

- * Mike Miller <github@mikeage.net>
- * Logging improvements to include the HTTP(S) port when opening a new connection

- * Ioannis Tziakos <mail@itziakos.gr>
- * Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.
- * Update appveyor tox setup to use the 64bit python.

- * Akamai
(through Jess Shapiro) <jshapiro@akamai.com>
- * Ongoing maintenance; 2017-2018

- * Dominique Leuenberger <dimstar@opensuse.org>
- * Minor fixes in the test suite

- * Will Bond <will@wbond.net>
- * Add Python 2.6 support to ``contrib.securetransport``

- * Aleksei Alekseev <alekseev.yeskela@gmail.com>
- * using auth info for socks proxy

- * Chris Wilcox <git@crwilcox.com>
- * Improve contribution guide
- * Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior

- * Bruce Merry <https://www.brucemerry.org.za>
- * Fix leaking exceptions when system calls are interrupted with zero timeout

- * Hugo van Kemenade <https://github.com/hugovk>
- * Drop support for EOL Python 2.6

- * Tim Bell <<https://github.com/timb07>>
 - * Bugfix for responses with Content-Type: message/* logging warnings

- * Justin Bramley <<https://github.com/jbramleycl>>
 - * Add ability to handle multiple Content-Encodings

- * Katsuhiko YOSHIDA <<https://github.com/kyoshidajp>>
 - * Remove Authorization header
regardless of case when redirecting to cross-site

- * James Meickle <<https://permadeath.com/>>
 - * Improve handling of Retry-After header

- * Chris Jerdonek <chris.jerdonek@gmail.com>
 - * Remove a spurious TypeError from the exception chain inside
HTTPConnectionPool._make_request(), also for BaseExceptions.

- * [Your name or handle] <[email or website]>
 - * [Brief summary of your changes]

1.287 mgo 0.0.0-20230414221918-237104f05411

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1.288 dna-assurance-mgo 0.0.0-20230414221918-237104f05411

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1.289 procps 3.3.16-1ubuntu2.4

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative

work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.290 libcap 0.7.9-2.1build1

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1.293 procps 2:3.3.16-1ubuntu2.4

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?RCS:

?MAKE:d_fchdir: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fchdir:

?S: This variable conditionally defines the HAS_FCHDIR symbol, which

?S: indicates to the C program that the fchdir() routine is available.

?S:.

?C:HAS_FCHDIR:

?C: This symbol, if defined, indicates that the fchdir routine is

?C: available to change directory using a file descriptor.

?C:.

?H:#\$d_fchdir HAS_FCHDIR /**/

?H:.

?LINT:set d_fchdir

: see if fchdir exists

set fchdir d_fchdir

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fchdir.U

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?RCS:

?MAKE:d_lgamma_r: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lgamma_r:

?S: This variable conditionally defines the HAS_LGAMMA_R symbol, which

?S: indicates to the C program that the lgamma_r() routine is available
?S: for the log gamma function, without using the global signgam variable.
?S:.
?C:HAS_LGAMMA_R:
?C: This symbol, if defined, indicates that the lgamma_r routine is
?C: available to do the log gamma function without using the global
?C: signgam variable.
?C:.
?H:#\$d_lgamma_r HAS_LGAMMA_R /**/
?H:.
?LINT:set d_lgamma_r
: see if lgamma_r exists
set lgamma_r d_lgamma_r
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lgamma_r.U

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?RCS:

?MAKE:d_expm1: Inlibc

?MAKE: -pick add \$@ %<

?S:d_expm1:

?S: This variable conditionally defines the HAS_EXPM1 symbol, which

?S: indicates to the C program that the expm1() routine is available.

?S:.

?C:HAS_EXPM1:

?C: This symbol, if defined, indicates that the expm1 routine is

?C: available to do the exp(x) - 1 when x is near 1 function.

?C:.

?H:#\$d_expm1 HAS_EXPM1 /**/
?H:.

?LINT:set d_expm1

: see if expm1 exists

set expm1 d_expm1

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_expm1.U

No license file was found, but licenses were detected in source scan.

/*

* \$Id: getopt.C,v 3.0.1.1 1994/01/24 13:58:40 ram Exp ram \$

*

```

* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
* You may redistribute only under the terms of the Artistic Licence,
* as specified in the README file that comes with the distribution.
* You may reuse parts of this distribution only within the terms of
* that same Artistic Licence; a copy of which may be found at the root
* of the source tree for dist 4.0.
*
* Original Author: unknown, got this off net.sources
*
* $Log: getopt.C,v $
* Revision 3.0.1.1 1994/01/24 13:58:40 ram
* patch16: created
*
*/

```

Found in path(s):

```

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/getopt.C

```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_quadmath: Inhdr

?MAKE: -pick add \$@ %<

?S:i_quadmath:

?S: This variable conditionally defines I_QUADMATH, which indicates

?S: to the C program that it should include <quadmath.h>.

?S:.

?C:I_QUADMATH:

?C: This symbol, if defined, indicates that <quadmath.h> exists and

?C: should be included.

?C:.

?H:#\$i_quadmath I_QUADMATH /**/

?H:.

?LINT:set i_quadmath

: see if this is a quadmath.h system

set quadmath.h i_quadmath

eval \$inhdr

Found in path(s):

```

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_quadmath.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the WRITEME file.
?RCS:
?MAKE:d_writev: Inlibc
?MAKE: -pick add \$@ %<
?S:d_writev:
?S: This variable conditionally defines the HAS_WRITEV symbol, which
?S: indicates to the C program that the writev() routine is available.
?S:.
?C:HAS_WRITEV:
?C: This symbol, if defined, indicates that the writev routine is
?C: available to do scatter writes.
?C:.
?H:#\$d_writev HAS_WRITEV /**/
?H:.
?LINT:set d_writev
: see if writev exists
set writev d_writev
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_writev.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_round: Inlibc
?MAKE: -pick add \$@ %<
?S:d_round:
?S: This variable conditionally defines the HAS_ROUND symbol, which
?S: indicates to the C program that the round() routine is available.
?S:.
?C:HAS_ROUND:
?C: This symbol, if defined, indicates that the round routine is
?C: available to round to nearest integer, away from zero.
?C:.
?H:#\$d_round HAS_ROUND /**/
?H:.
?LINT:set d_round
: see if round exists
set round d_round
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_round.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_getmnt: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getmnt:

?S: This variable conditionally defines the HAS_GETMNT symbol, which

?S: indicates to the C program that the getmnt() routine is available

?S: to retrieve one or more mount info blocks by filename.

?S:.

?C:HAS_GETMNT:

?C: This symbol, if defined, indicates that the getmnt routine is

?C: available to get filesystem mount info by filename.

?C:.

?H:#\$d_getmnt HAS_GETMNT /**/

?H:.

?LINT:set d_getmnt

: see if getmnt exists

set getmnt d_getmnt

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getmnt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2017 Dagfinn Ilmari Mannsåker

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_strnlen: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strnlen:

?S: This variable conditionally defines the HAS_STRNLEN symbol, which

?S: indicates to the C program that the strnlen () routine is available.

?S:.

?C:HAS_STRNLEN:

?C: This symbol, if defined, indicates that the strlen () routine is

?C: available to check the length of a string up to a maximum.

?C:.

?H:#\$d_strlen HAS_STRNLEN /**/

?H:.

?LINT:set d_strlen

: see if strlen exists

set strlen d_strlen

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strlen.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_getfsstat : Inlibc

?MAKE: -pick add \$@ %<

?S:d_getfsstat:

?S: This variable conditionally defines the HAS_GETFSSTAT symbol, which

?S: indicates to the C program that the getfsstat() routine is available.

?S:.

?C:HAS_GETFSSTAT:

?C: This symbol, if defined, indicates that the getfsstat routine is

?C: available to stat filesystems in bulk.

?C:.

?H:#\$d_getfsstat HAS_GETFSSTAT /**/

?H:.

?LINT:set d_getfsstat

: see if getfsstat exists

set getfsstat d_getfsstat

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getfsstat.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_scalbnl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_scalbnl:

?S: This variable conditionally defines the HAS_SCALBNL symbol, which

?S: indicates to the C program that the scalbnl() routine is available.

?S: If ilogbl is also present we can emulate frexpl.

?S:.

?C:HAS_SCALBNL:

?C: This symbol, if defined, indicates that the scalbnl routine is

?C: available. If ilogbl is also present we can emulate frexpl.

?C:.

?H:#\$d_scalbnl HAS_SCALBNL /**/

?H:.

?LINT:set d_scalbnl

: see if scalbnl exists

set scalbnl d_scalbnl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_scalbnl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_qgcvt: Inlibc

?MAKE: -pick add \$@ %<

?S:d_qgcvt:

?S: This variable conditionally defines the HAS_QGCVT symbol, which

?S: indicates to the C program that the qgcvt() routine is available.

?S:.

?C:HAS_QGCVT:

?C: This symbol, if defined, indicates that the qgcvt routine is

?C: available to convert long doubles ("quad doubles") to strings.

?C: This is a low-level routine hopefully faster than sprintf.

?C:.

?H:#\$d_qgcvt HAS_QGCVT /**/

?H:.

?LINT:set d_qgcvt

: see if qgcvt exists

```
set qgcvt d_qgcvt
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_qgcvt.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2019 Karl Williamson

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_towupper: Inlibc

?MAKE: -pick add \$@ %<

?S:d_towupper:

?S: This variable conditionally defines the HAS_TOWUPPER symbol, which

?S: indicates to the C program that the towupper() routine is available.

?S:.

?C:HAS_TOWUPPER:

?C: This symbol, if defined, indicates that the towupper () routine is

?C: available to do case conversion.

?C:.

?H:#\$d_towupper HAS_TOWUPPER /**/

?H:.

?LINT:set d_towupper

: see if towupper exists

set towupper d_towupper

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_towupper.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_poll.U,v \$

?RCS:

?RCS: Copyright (c) 2001 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_langinfo: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_langinfo:

?S: This variable conditionally defines the I_LANGINFO symbol,

?S: and indicates whether a C program should include <langinfo.h>.

?S:.

?C:I_LANGINFO:

?C: This symbol, if defined, indicates that <langinfo.h> exists and

?C: should be included.

?C:.

?H:#\$i_langinfo I_LANGINFO /**/

?H:.

?LINT:set i_langinfo

: see if this is a langinfo.h system

set langinfo.h i_langinfo

eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_langinfo.U

No license file was found, but licenses were detected in source scan.

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_lrintl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lrintl:

?S: This variable conditionally defines the HAS_LRINTL symbol, which

?S: indicates to the C program that the lrintl() routine is available

?S: to return the integral value closest to a long double (according

?S: to the current rounding mode).

?S:.

?C:HAS_LRINTL:

?C: This symbol, if defined, indicates that the lrintl routine is

?C: available to return the integral value closest to a long double

?C: (according to the current rounding mode).

?C:.

?H:#\$d_lrintl HAS_LRINTL /**/

?H:.

?LINT:set d_lrintl

: see if lrintl exists

set lrintl d_lrintl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lrintl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysmount.U,v \$

?RCS:

```

?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysmount: Inhdr Hasfield
?MAKE:-pick add $@ %<
?S:i_sysmount:
?S: This variable conditionally defines the I_SYSMOUNT symbol,
?S: and indicates whether a C program should include <sys/mount.h>.
?S:.
?C:I_SYS_MOUNT:
?C: This symbol, if defined, indicates that <sys/mount.h> exists and
?C: should be included.
?C:.
?H:#$i_sysmount I_SYS_MOUNT /**/
?H:.
?LINT:set i_sysmount
: see if this is a sys/mount.h system
set sys/mount.h i_sysmount
eval $inhdr

```

Found in path(s):

```

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/i_sysmount.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Null.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Null.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:10 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit ends up producing shell code to set all variables to ". This
?X: probably isn't necessary, but I'm paranoid. About certain things.
?X:
?MAKE:Null: Head
?MAKE:-pick add.Null $@ %<

```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Null.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysuio.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_sysuio: Inhdr

?MAKE: -pick add \$@ %<

?S:i_sysuio:

?S: This variable conditionally defines the I_SYSUIO symbol, and indicates

?S: whether a C program should include <sys/uio.h>.

?S:.

?C:I_SYSUIO:

?C: This symbol, if defined, indicates that <sys/uio.h> exists and

?C: should be included.

?C:.

?H:#\$i_sysuio I_SYSUIO /**/

?H:.

?LINT:set i_sysuio

: see if this is a sys/uio.h system

set sys/uio.h i_sysuio

eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_sysuio.U

No license file was found, but licenses were detected in source scan.

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?RCS:

?MAKE:d_nan: Inlibc

?MAKE: -pick add \$@ %<

?S:d_nan:

?S: This variable conditionally defines HAS_NAN if nan() is

?S: available to generate NaN.

?S:.

?C:HAS_NAN:

?C: This symbol, if defined, indicates that the nan routine is

?C: available to generate NaN.

?C:.

?H:#\$d_nan HAS_NAN /**/

```
?H:
?LINT:set d_nan
: see if nan exists
set nan d_nan
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nan.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?MAKE:full_ar: ar
```

```
?MAKE:-pick add $@ %<
```

```
?S:full_ar:
```

```
?S: This variable contains the full pathname to 'ar', whether or
```

```
?S: not the user has specified 'portability'. This is only used
```

```
?S: in the Makefile.SH.
```

```
?S:.
```

```
: Store the full pathname to the ar program for use in the C program
```

```
: Respect a hint or command line value for full_ar.
```

```
case "$full_ar" in
```

```
) full_ar=$ar ;;
```

```
esac
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Loc_ar.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_shadow.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:i_prot: Inhdr Hasfield
```

```
?MAKE:-pick add $@ %<
```

?S:i_prot:
?S: This variable conditionally defines the I_PROT symbol, and indicates
?S: whether a C program should include <prot.h>.
?S:.
?C:I_PROT:
?C: This symbol, if defined, indicates that <prot.h> exists and
?C: should be included.
?C:.
?H:#\$i_prot I_PROT /**/
?H:.
?LINT:set i_prot
: see if this is a prot.h system
set prot.h i_prot
eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_prot.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 2009 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getnameinfo: Inlibc
?MAKE: -pick add \$@ %<
?S:d_getnameinfo:
?S: This variable conditionally defines the HAS_GETNAMEINFO symbol,
?S: which indicates to the C program that the getnameinfo() function
?S: is available.
?S:.
?C:HAS_GETNAMEINFO:
?C: This symbol, if defined, indicates that the getnameinfo() function
?C: is available for use.
?C:.
?H:#\$d_getnameinfo HAS_GETNAMEINFO /**/
?H:.
?LINT:set d_getnameinfo
: see if getnameinfo exists
set getnameinfo d_getnameinfo
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getnameinfo.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_recvmsg: Inlibc
?MAKE:-pick add $@ %<
?S:d_recvmsg:
?S: This variable conditionally defines the HAS_RECVMSG symbol, which
?S: indicates to the C program that the recvmsg() routine is available.
?S:.
?C:HAS_RECVMSG:
?C: This symbol, if defined, indicates that the recvmsg routine is
?C: available to send structured socket messages.
?C:.
?H:#$d_recvmsg HAS_RECVMSG /**/
?H:.
?LINT:set d_recvmsg
: see if recvmsg exists
set recvmsg d_recvmsg
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_recvmsg.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_sendmsg: Inlibc
?MAKE:-pick add $@ %<
?S:d_sendmsg:
?S: This variable conditionally defines the HAS_SENDMSG symbol, which
?S: indicates to the C program that the sendmsg() routine is available.
?S:.
?C:HAS_SENDMSG:
?C: This symbol, if defined, indicates that the sendmsg routine is
?C: available to send structured socket messages.
?C:.
```

?H:#\$d_sendmsg HAS_SENDMSG /**/

?H:.

?LINT:set d_sendmsg

: see if sendmsg exists

set sendmsg d_sendmsg

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sendmsg.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_readv: Inlibc

?MAKE: -pick add @\$@ %<

?S:d_readv:

?S: This variable conditionally defines the HAS_READV symbol, which

?S: indicates to the C program that the readv() routine is available.

?S:.

?C:HAS_READV:

?C: This symbol, if defined, indicates that the readv routine is

?C: available to do gather reads. You will also need <sys/uio.h>

?C: and there I_SYSUIO.

?C:.

?H:#\$d_readv HAS_READV /**/

?H:.

?LINT:set d_readv

: see if readv exists

set readv d_readv

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_readv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_bfd.U,v \$

?RCS:

?RCS: Copyright (c) 2014 H.Merijn Brand

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:
?MAKE:i_bfd: Inhdr Hasfield
?MAKE: -pick add \$@ %<
?S:i_bfd:
?S: This variable conditionally defines the I_BFD symbol, and
?S: indicates whether a C program can include <bfd.h>.
?S:.
?C:I_BFD:
?C: This symbol, if defined, indicates that <bfd.h> exists and
?C: can be included.
?C:.
?H:#\$i_bfd I_BFD /**/
?H:.
?LINT:set i_bfd
: see if this is a bfd.h system
set bfd.h i_bfd
eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_bfd.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sunmath.U,v \$
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sunmath: Inhdr Hasfield
?MAKE: -pick add \$@ %<
?S:i_sunmath:
?S: This variable conditionally defines the I_SUNMATH symbol, and indicates
?S: whether a C program should include <sunmath.h>.
?S:.
?C:I_SUNMATH:
?C: This symbol, if defined, indicates that <sunmath.h> exists and
?C: should be included.
?C:.
?H:#\$i_sunmath I_SUNMATH /**/
?H:.
?LINT:set i_sunmath
: see if this is a sunmath.h system
set sunmath.h i_sunmath
eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sunmath.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS:

?MAKE:d_atoll: Inlibc

?MAKE: -pick add \$@ %<

?S:d_atoll:

?S: This variable conditionally defines the HAS_ATOLL symbol, which

?S: indicates to the C program that the atoll() routine is available.

?S:.

?C:HAS_ATOLL:

?C: This symbol, if defined, indicates that the atoll routine is

?C: available to convert strings into long longs.

?C:.

?H:#\$d_atoll HAS_ATOLL /**/

?H:.

?LINT:set d_atoll

: see if atoll exists

set atoll d_atoll

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/atoll.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d_inetpton: Inlibc

?MAKE: -pick add \$@ %<

?S:d_inetpton:

?S: This variable conditionally defines the HAS_INETPTON symbol,

?S: which indicates to the C program that the inet_pton() function

?S: is available.

?S:.

?C:HAS_INETPTON:

?C: This symbol, if defined, indicates that the inet_pton() function

?C: is available to parse IPv4 and IPv6 strings.

?C:.

?H:#\$d_inetpton HAS_INETPTON /**/

?H:.

?LINT:set d_inetpton

: see if inet_pton exists

set inet_pton d_inetpton

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_inetpton.U

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?RCS:

?MAKE:d_remainder: Inlibc

?MAKE: -pick add \$@ %<

?S:d_remainder:

?S: This variable conditionally defines the HAS_REMAINDER symbol, which

?S: indicates to the C program that the remainder() routine is available.

?S:.

?C:HAS_REMAINDER:

?C: This symbol, if defined, indicates that the remainder routine is

?C: available to return the floating-point remainder.

?C:.

?H:#\$d_remainder HAS_REMAINDER /**/

?H:.

?LINT:set d_remainder

: see if remainder exists

set remainder d_remainder

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_remainder.U

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Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/files/Imake.tmpl

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_syslog.U,v \$

```
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_syslog: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_syslog:
?S: This variable conditionally defines the I_SYSLOG symbol,
?S: and indicates whether a C program should include <syslog.h>.
?S:.
?C:I_SYSLOG:
?C: This symbol, if defined, indicates that <syslog.h> exists and
?C: should be included.
?C:.
?H:#$i_syslog I_SYSLOG /**/
?H:.
?LINT:set i_syslog
: see if this is a syslog.h system
set syslog.h i_syslog
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_syslog.U
```

No license file was found, but licenses were detected in source scan.

* Feel free to modify any of this as the need arises. Note, however,

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/metaconfig.html
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysmode.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
```

```
?RCS:
```

```
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```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:i_sysmode: Inhdr Hasfield
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_sysmode:
```

```
?S: This variable conditionally defines the I_SYSMODE symbol,
```

```
?S: and indicates whether a C program should include <sys/mode.h>.
```

```
?S:.
```

?C:I_SYSMODE:

?C: This symbol, if defined, indicates that <sys/mode.h> exists and

?C: should be included.

?C:.

?H:#\$i_sysmode I_SYSMODE /**/

?H:.

?LINT:set i_sysmode

: see if this is a sys/mode.h system

set sys/mode.h i_sysmode

eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysmode.U

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?RCS:

?MAKE:d_fdclose: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fdclose:

?S: This variable conditionally defines the HAS_FDCLOSE symbol, which

?S: indicates to the C program that the fdclose() routine is available.

?S:.

?C:HAS_FDCLOSE:

?C: This symbol, if defined, indicates that the fdclose routine is

?C: available to free a FILE structure without closing the underlying

?C: file descriptor. This function appeared in FreeBSD 10.2.

?C:.

?H:#\$d_fdclose HAS_FDCLOSE /**/

?H:.

?LINT:set d_fdclose

: see if fdclose exists

set fdclose d_fdclose

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fdclose.U

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?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:
?MAKE:d_isfinitel: Inlibc
?MAKE: -pick add \$@ %<
?S:d_isfinitel:
?S: This variable conditionally defines the HAS_ISFINITEL symbol, which
?S: indicates to the C program that the isfinitel() routine is available.
?S:.
?C:HAS_ISFINITEL:
?C: This symbol, if defined, indicates that the isfinitel routine is
?C: available to check whether a long double is finite.
?C: (non-infinity non-NaN).
?C:.
?H:#\$d_isfinitel HAS_ISFINITEL /**/
?H:.
?LINT:set d_isfinitel
: see if isfinitel exists
set isfinitel d_isfinitel
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isfinitel.U

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?RCS: \$Id\$
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_strtod_l: Inlibc
?MAKE: -pick add \$@ %<
?S:d_strtod_l:
?S: This variable conditionally defines the HAS_STRTOD_L symbol, which
?S: indicates to the C program that the strtod_l() routine is available.
?S:.
?C:HAS_STRTOD_L:
?C: This symbol, if defined, indicates that the strtod_l routine is
?C: available to convert strings to long doubles.
?C:.
?H:#\$d_strtod_l HAS_STRTOD_L /**/
?H:.
?LINT:set d_strtod_l
: see if strtod_l exists
set strtod_l d_strtod_l
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_strtod_1.U

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?RCS:

?MAKE:d_around: Inlibc

?MAKE: -pick add \$@ %<

?S:d_around:

?S: This variable conditionally defines the HAS_LROUND symbol, which

?S: indicates to the C program that the lround() routine is available

?S: to return the integral value nearest to x.

?S:.

?C:HAS_LROUND:

?C: This symbol, if defined, indicates that the lround routine is

?C: available to return the nearest integral value.

?C:.

?H:#\$d_around HAS_LROUND /**/

?H:.

?LINT:set d_around

: see if lround exists

set lround d_around

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_around.U

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?RCS:

?MAKE:d_nextafter: Inlibc

?MAKE: -pick add \$@ %<

?S:d_nextafter:

?S: This variable conditionally defines HAS_NEXTAFTER if nextafter()

?S: is available to return the next machine representable double from

?S: x in direction y.

?S:.

?C:HAS_NEXTAFTER:

?C: This symbol, if defined, indicates that the nextafter routine is

?C: available to return the next machine representable double from

?C: x in direction y.

?C:.

?H:#\$d_nextafter HAS_NEXTAFTER /**/

?H:.

```
?LINT:set d_nextafter
: see if nextafter exists
set nextafter d_nextafter
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nextafter.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_fseeko: Inlibc longsize
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_fseeko:
```

```
?S: This variable conditionally defines the HAS_FSEEKO symbol, which
```

```
?S: indicates to the C program that the fseeko() routine is available.
```

```
?S:.
```

```
?C:HAS_FSEEKO:
```

```
?C: This symbol, if defined, indicates that the fseeko routine is
```

```
?C: available to fseek beyond 32 bits (useful for ILP32 hosts).
```

```
?C:.
```

```
?H:#$d_fseeko HAS_FSEEKO /**/
```

```
?H:.
```

```
?LINT:set d_fseeko
```

```
: see if fseeko exists
```

```
set fseeko d_fseeko
```

```
eval $inlibc
```

```
case "$longsize" in
```

```
8) echo "(Your long is 64 bits, so you could use fseek.)" ;;
```

```
esac
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fseeko.U
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* $Id: rename.C,v 3.0.1.1 1994/01/24 13:58:42 ram Exp ram $
```

```
*
```

```
* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
*
```

```
* You may redistribute only under the terms of the Artistic Licence,
```

* as specified in the README file that comes with the distribution.
* You may reuse parts of this distribution only within the terms of
* that same Artistic Licence; a copy of which may be found at the root
* of the source tree for dist 4.0.
*
* \$Log: rename.C,v \$
* Revision 3.0.1.1 1994/01/24 13:58:42 ram
* patch16: created
*
*/

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/rename.C

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?RCS:

?MAKE:d_log1p: Inlibc

?MAKE: -pick add @\$ %<

?S:d_log1p:

?S: This variable conditionally defines the HAS_LOG1P symbol, which

?S: indicates to the C program that the logp1() routine is available

?S: to compute log(1 + x) for values of x close to zero.

?S:.

?C:HAS_LOG1P:

?C: This symbol, if defined, indicates that the log1p routine is

?C: available to do the logarithm of 1 plus argument function.

?C:.

?H:#\$d_log1p HAS_LOG1P /**/

?H:.

?LINT:set d_log1p

: see if log1p exists

set log1p d_log1p

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_log1p.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS:
?MAKE:d_setitimer: Inlibc
?MAKE: -pick add \$@ %<
?S:d_setitimer:
?S: This variable conditionally defines the HAS_SETITIMER symbol, which
?S: indicates to the C program that the setitimer() routine is available.
?S:.
?C:HAS_SETITIMER:
?C: This symbol, if defined, indicates that the setitimer routine is
?C: available to set interval timers.
?C:.
?H:#\$d_setitimer HAS_SETITIMER /**/
?H:.
?LINT:set d_setitimer
: see if setitimer exists
set setitimer d_setitimer
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_setitimer.U

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?RCS:

?MAKE:d_fmin: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fmin:

?S: This variable conditionally defines the HAS_FMIN symbol, which

?S: indicates to the C program that the fmin() routine is available.

?S:.

?C:HAS_FMIN:

?C: This symbol, if defined, indicates that the fmin routine is

?C: available to do the minimum function.

?C:.

?H:#\$d_fmin HAS_FMIN /**/
?H:.

?LINT:set d_fmin

: see if fmin exists

set fmin d_fmin

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fmin.U

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?RCS:
?MAKE:d_fegetround: Inlibc
?MAKE: -pick add \$@ %<
?S:d_fegetround:
?S: This variable conditionally defines HAS_FEGETROUND if fegetround() is
?S: available to get the floating point rounding mode.
?S:.
?C:HAS_FEGETROUND:
?C: This symbol, if defined, indicates that the fegetround routine is
?C: available to return the macro corresponding to the current rounding
?C: mode.
?C:.
?H:#\$d_fegetround HAS_FEGETROUND /**/
?H:.
?LINT:set d_fegetround
: see if fegetround exists
set fegetround d_fegetround
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fegetround.U

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?RCS:
?MAKE:d_llroundl: Inlibc
?MAKE: -pick add \$@ %<
?S:d_llroundl:
?S: This variable conditionally defines the HAS_LLROUNDL symbol, which
?S: indicates to the C program that the llroundl() routine is available
?S: to return the long long value nearest to x away from zero.
?S:.
?C:HAS_LLROUNDL:
?C: This symbol, if defined, indicates that the llroundl routine is
?C: available to return the nearest long long value away from zero of
?C: the long double argument value.
?C:.
?H:#\$d_llroundl HAS_LLROUNDL /**/
?H:.
?LINT:set d_llroundl
: see if llroundl exists
set llroundl d_llroundl
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_llroundl.U

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?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_finite: Inlibc

?MAKE: -pick add \$@ %<

?S:d_finite:

?S: This variable conditionally defines the HAS_FINITE symbol, which

?S: indicates to the C program that the finite() routine is available.

?S:.

?C:HAS_FINITE:

?C: This symbol, if defined, indicates that the finite routine is

?C: available to check whether a double is finite (non-infinity non-NaN).

?C:.

?H:#\$d_finite HAS_FINITE /**/

?H:.

?LINT:set d_finite

: see if finite exists

set finite d_finite

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_finite.U

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?RCS:

?MAKE:i_fenv: Inhdr

?MAKE: -pick add \$@ %<

?S:i_fenv:

?S: This variable conditionally defines the I_FENV symbol, which

?S: indicates to the C program that <fenv.h> exists and should

?S: be included.

?S:.

?C:I_FENV:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <fenv.h> to get the floating point environment definitions.

?C:.

```
?H:#$i_fenv I_FENV /**/  
?H.:  
?LINT:set i_fenv  
: see if this is a fenv.h system  
set fenv.h i_fenv  
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_fenv.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1998, Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?X:
```

```
?X: Useless unit dropped. Use randfunc instead.
```

```
?X:
```

```
?LINT:empty
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/randbits.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_fdim: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_fdim:
```

```
?S: This variable conditionally defines the HAS_FDIM symbol, which
```

```
?S: indicates to the C program that the fdim() routine is available.
```

```
?S:.
```

```
?C:HAS_FDIM:
```

```
?C: This symbol, if defined, indicates that the fdim routine is
```

```
?C: available to do the positive difference function.
```

```
?C:.
```

```
?H:#$d_fdim HAS_FDIM /**/
```

```
?H:.
```

```
?LINT:set d_fdim
```

```
: see if fdim exists
```

```
set fdim d_fdim
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fdim.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_accessx: Inlibc

?MAKE: -pick add \$@ %<

?S:d_accessx:

?S: This variable conditionally defines the HAS_ACCESSX symbol, which

?S: indicates to the C program that the accessx() routine is available.

?S:.

?C:HAS_ACCESSX :

?C: This symbol, if defined, indicates that the accessx routine is

?C: available to do extended access checks.

?C:.

?H:#\$d_accessx HAS_ACCESSX /**/

?H:.

?LINT:set d_accessx

: see if accessx exists

set accessx d_accessx

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/d_accessx.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_setproctitle: Inlibc

?MAKE: -pick add \$@ %<

?S:d_setproctitle:

?S: This variable conditionally defines the HAS_SETPROCTITLE symbol,

?S: which indicates to the C program that the setproctitle() routine

?S: is available.

?S:.

?C:HAS_SETPROCTITLE:

?C: This symbol, if defined, indicates that the setproctitle routine is

?C: available to set process title.

?C:.

?H:#\$d_setproctitle HAS_SETPROCTITLE /**/

?H:.

?LINT:set d_setproctitle

: see if setproctitle exists

set setproctitle d_setproctitle

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_setproctitle.U

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_remquo: Inlibc

?MAKE: -pick add \$@ %<

?S:d_remquo:

?S: This variable conditionally defines the HAS_REMQUO symbol, which

?S: indicates to the C program that the remquo() routine is available.

?S:.

?C:HAS_REMQUO:

?C: This symbol, if defined, indicates that the remquo routine is

?C: available to return the remainder and part of quotient.

?C:.

?H:#\$d_remquo HAS_REMQUO /**/

?H:.

?LINT:set d_remquo

: see if remquo exists

set remquo d_remquo

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_remquo.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2003 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_aintl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_aintl:

?S: This variable conditionally defines the HAS_AINTL symbol, which

?S: indicates to the C program that the aintl() routine is available.

?S: If copysignl is also present we can emulate modfl.

?S:.

?C:HAS_AINTL:

?C: This symbol, if defined, indicates that the aintl routine is

?C: available. If copysignl is also present we can emulate modfl.

?C:.

?H:#\$d_aintl HAS_AINTL /**/

?H:.

?LINT:set d_aintl

: see if aintl exists

set aintl d_aintl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_aintl.U

No license file was found, but licenses were detected in source scan.

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_ualarm: Inlibc

?MAKE: -pick add \$@ %<

?S:d_ualarm:

?S: This variable conditionally defines the HAS_UALARM symbol, which

?S: indicates to the C program that the ualarm() routine is available.

?S:.

?C:HAS_UALARM:

?C: This symbol, if defined, indicates that the ualarm routine is

?C: available to do alarms with microsecond granularity.

?C:.

?H:#\$d_ualarm HAS_UALARM /**/

?H:.

?LINT:set d_ualarm

: see if ualarm exists

set ualarm d_ualarm

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ualarm.U

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?RCS:

?MAKE:d_logb: Inlibc

?MAKE: -pick add \$@ %<

?S:d_logb:

?S: This variable conditionally defines the HAS_LOGB symbol, which

?S: indicates to the C program that the logb() routine is available

?S: to extract the exponent of x.

?S:.

?C:HAS_LOGB:

?C: This symbol, if defined, indicates that the logb routine is

?C: available to do the logb function.

?C:.

?H:#\$d_logb HAS_LOGB /**/

?H:.

?LINT:set d_logb

: see if logb exists

set logb d_logb

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_logb.U

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?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_strftime: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strftime:

?S: This variable conditionally defines the HAS_STRFTIME symbol, which

?S: indicates to the C program that the strftime() routine is available.

?S:.

?C:HAS_STRFTIME:

?C: This symbol, if defined, indicates that the strftime routine is

?C: available to do time formatting.
?C:.
?H:#\$d_strftime HAS_STRFTIME /**/
?H:.
?LINT:set d_strftime
: see if strftime exists
set strftime d_strftime
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strftime.U

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_nexttoward: Inlibc

?MAKE: -pick add \$@ %<

?S:d_nexttoward:

?S: This variable conditionally defines HAS_NEXTTOWARD if nexttoward()

?S: is available to return the next machine representable long double from

?S: x in direction y.

?S:.

?C:HAS_NEXTTOWARD:

?C: This symbol, if defined, indicates that the nexttoward routine is

?C: available to return the next machine representable long double from

?C: x in direction y.

?C:.

?H:#\$d_nexttoward HAS_NEXTTOWARD /**/
?H:.

?H:.

?LINT:set d_nexttoward

: see if nexttoward exists

set nexttoward d_nexttoward

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nexttoward.U

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?RCS:

?MAKE:d_llround: Inlibc

?MAKE: -pick add \$@ %<

?S:d_llround:

?S: This variable conditionally defines the HAS_LLROUND symbol, which

?S: indicates to the C program that the llround() routine is available

?S: to return the long long value nearest to x.

?S:.

?C:HAS_LLROUND:

?C: This symbol, if defined, indicates that the llround routine is

?C: available to return the nearest long long value.

?C:.

?H:#\$d_llround HAS_LLROUND /**/

?H:.

?LINT:set d_llround

: see if llround exists

set llround d_llround

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_llround.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2005 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_clearenv: Inlibc

?MAKE: -pick add \$@ %<

?S:d_clearenv:

?S: This variable conditionally defines the HAS_CLEARENV symbol, which

?S: indicates to the C program that the clearenv () routine is available.

?S:.

?C:HAS_CLEARENV:

?C: This symbol, if defined, indicates that the clearenv () routine is

?C: available for use.

?C:.

?H:#\$d_clearenv HAS_CLEARENV /**/

?H:.

?LINT:set d_clearenv

: see if clearenv exists

set clearenv d_clearenv

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_clearenv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getitimer: Inlibc
?MAKE: -pick add \$@ %<
?S:d_getitimer:
?S: This variable conditionally defines the HAS_GETITIMER symbol, which
?S: indicates to the C program that the getitimer() routine is available.
?S:.
?C:HAS_GETITIMER:
?C: This symbol, if defined, indicates that the getitimer routine is
?C: available to return interval timers.
?C:.
?H:#\$d_getitimer HAS_GETITIMER /**/
?H:.
?LINT:set d_getitimer
: see if getitimer exists
set getitimer d_getitimer
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getitimer.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_scalbn: Inlibc
?MAKE: -pick add \$@ %<
?S:d_scalbn:
?S: This variable conditionally defines the HAS_SCALBN symbol, which
?S: indicates to the C program that the scalbn() routine is available.
?S:.
?C:HAS_SCALBN:
?C: This symbol, if defined, indicates that the scalbn routine is
?C: available to multiply floating-point number by integral power
?C: of radix.
?C:.
?H:#\$d_scalbn HAS_SCALBN /**/
?H:.
?LINT:set d_scalbn
: see if scalbn exists
set scalbn d_scalbn

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_scalbn.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_fp_class.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_fp_class: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_fp_class:

?S: This variable conditionally defines the I_FP_CLASS symbol, and indicates

?S: whether a C program should include <fp_class.h>.

?S:.

?C:I_FP_CLASS:

?C: This symbol, if defined, indicates that <fp_class.h> exists and

?C: should be included.

?C:.

?H:#\$i_fp_class I_FP_CLASS /**/

?H:.

?LINT:set i_fp_class

: see if this is a fp_class.h system

set fp_class.h i_fp_class

eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_fp_class.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2009 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_inetntop: Inlibc

?MAKE: -pick add \$@ %<

?S:d_inetntop:

?S: This variable conditionally defines the HAS_INETNTOP symbol,

?S: which indicates to the C program that the inet_ntop() function

?S: is available.
?S:.
?C:HAS_INETNTOP:
?C: This symbol, if defined, indicates that the inet_ntop() function
?C: is available to parse IPv4 and IPv6 strings.
?C:.
?H:#\$d_inetntop HAS_INETNTOP /**/
?H:.
?LINT:set d_inetntop
: see if inet_ntop exists
set inet_ntop d_inetntop
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_inetntop.U

No license file was found, but licenses were detected in source scan.

```
/*
 * $Id: setsid.C,v 3.0.1.1 1994/01/24 13:58:47 ram Exp ram $
 *
 * Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
 *
 * You may redistribute only under the terms of the Artistic Licence,
 * as specified in the README file that comes with the distribution.
 * You may reuse parts of this distribution only within the terms of
 * that same Artistic Licence; a copy of which may be found at the root
 * of the source tree for dist 4.0.
 *
 * $Log: setsid.C,v $
 * Revision 3.0.1.1 1994/01/24 13:58:47 ram
 * patch16: created
 *
 */
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/setsid.C

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_ustat.U,v \$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_ustat: Inhdr Hasfield

?MAKE: -pick add \$@ %<
?S:i_ustat:
?S: This variable conditionally defines the I_USTAT symbol, and indicates
?S: whether a C program should include <ustat.h>.
?S:.
?C:I_USTAT:
?C: This symbol, if defined, indicates that <ustat.h> exists and
?C: should be included.
?C:.
?H:#\$i_ustat I_USTAT /**/
?H:.
?LINT:set i_ustat
: see if this is a ustat.h system
set ustat.h i_ustat
eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_ustat.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_socketmark: Inlibc
?MAKE: -pick add \$@ %<
?S:d_socketmark:
?S: This variable conditionally defines the HAS_SOCKETMARK symbol, which
?S: indicates to the C program that the socketmark() routine is available.
?S:.
?C:HAS_SOCKETMARK:
?C: This symbol, if defined, indicates that the socketmark routine is
?C: available to test whether a socket is at the out-of-band mark.
?C:.
?H:#\$d_socketmark HAS_SOCKETMARK /**/
?H:.
?LINT:set d_socketmark
: see if socketmark exists
set socketmark d_socketmark
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_socketmark.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fsync: Inlibc
?MAKE: -pick add $@ %<
?S:d_fsync:
?S: This variable conditionally defines the HAS_FSYNC symbol, which
?S: indicates to the C program that the fsync() routine is available.
?S:.
?C:HAS_FSYNC:
?C: This symbol, if defined, indicates that the fsync routine is
?C: available to write a file's modified data and attributes to
?C: permanent storage.
?C:.
?H:#$d_fsync HAS_FSYNC /**/
?H:.
?LINT:set d_fsync
: see if fsync exists
set fsync d_fsync
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fsync.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_mkdtmp: Inlibc
?MAKE: -pick add $@ %<
?S:d_mkdtmp:
?S: This variable conditionally defines the HAS_MKDTEMP symbol, which
?S: indicates to the C program that the mkdtmp() routine is available
?S: to exclusively create a uniquely named temporary directory.
?S:.
?C:HAS_MKDTEMP :
?C: This symbol, if defined, indicates that the mkdtmp routine is
```

?C: available to exclusively create a uniquely named temporary directory.

?C:.

?H:#\$d_mkdtemp HAS_MKDTEMP /**/

?H:.

?LINT:set d_mkdtemp

: see if mkdtemp exists

set mkdtemp d_mkdtemp

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_mkdtemp.U

No license file was found, but licenses were detected in source scan.

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?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_localeconv_l: Inlibc

?MAKE: -pick add \$@ %<

?S:d_localeconv_l:

?S: This variable conditionally defines the HAS_LOCALECONV_L symbol, which

?S: indicates to the C program that the localeconv_l() routine is available.

?S:.

?C:HAS_LOCALECONV_L:

?C: This symbol, if defined, indicates that the localeconv_l routine is

?C: available to query certain information about a locale.

?C:.

?H:#\$d_localeconv_l HAS_LOCALECONV_L /**/

?H:.

?LINT:set d_localeconv_l

: see if localeconv_l exists

set localeconv_l d_localeconv_l

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_localeconv_l.U

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?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_atolf: Inlibc

?MAKE: -pick add \$@ %<

?S:d_atolf:

?S: This variable conditionally defines the HAS_ATOLF symbol, which

?S: indicates to the C program that the atolf() routine is available.

?S:.

?C:HAS_ATOLF:

?C: This symbol, if defined, indicates that the atolf routine is

?C: available to convert strings into long doubles.

?C:.

?H:#\$d_atolf HAS_ATOLF /**/

?H:.

?LINT:set d_atolf

: see if atolf exists

set atolf d_atolf

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/atolf.U

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_erf: Inlibc

?MAKE: -pick add \$@ %<

?S:d_erf:

?S: This variable conditionally defines the HAS_ERF symbol, which

?S: indicates to the C program that the erf() routine is available.

?S:.

?C:HAS_ERF:

?C: This symbol, if defined, indicates that the erf routine is

?C: available to do the error function.

?C:.

?H:#\$d_erf HAS_ERF /**/

?H:.

?LINT:set d_erf

: see if erf exists

set erf d_erf

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_erf.U

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?RCS: Copyright (c) 2017-2018, H.Merijn Brand

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:d_dup3: Inlibc

?MAKE: -pick add \$@ %<

?S:d_dup3:

?S: This variable conditionally defines HAS_DUP3 if dup3() is

?S: available to duplicate file descriptors.

?S:.

?C:HAS_DUP3:

?C: This symbol, if defined, indicates that the dup3 routine is

?C: available to duplicate file descriptors.

?C:.

?H:#\$d_dup3 HAS_DUP3 /**/

?H:.

?LINT:set d_dup3

: see if dup3 exists

set dup3 d_dup3

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d_dup3.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_sqrtl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_sqrtl:

?S: This variable conditionally defines the HAS_SQRTL symbol, which

?S: indicates to the C program that the sqrtl() routine is available.

?S:.

?C:HAS_SQRTL:

?C: This symbol, if defined, indicates that the sqrtl routine is

?C: available to do long double square roots.

```
?C:.
?H:#$d_sqrtl HAS_SQRTL /**/
?H:.
?LINT:set d_sqrtl
: see if sqrtl exists
set sqrtl d_sqrtl
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sqrtl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_netdb.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_netdb: Inhdr
?MAKE: -pick add $@ %<
?S:i_netdb:
?S: This variable conditionally defines the I_NETDB symbol, and indicates
?S: whether a C program should include <netdb.h>.
?S:.
?C:I_NETDB:
?C: This symbol, if defined, indicates that <netdb.h> exists and
?C: should be included.
?C:.
?H:#$i_netdb I_NETDB /**/
?H:.
?LINT:set i_netdb
: see if this is a netdb.h system
set netdb.h i_netdb
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_netdb.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
```

?RCS:
?MAKE:d_copysignl: Inlibc
?MAKE: -pick add \$@ %<
?S:d_copysignl:
?S: This variable conditionally defines the HAS_COPYSIGNL symbol, which
?S: indicates to the C program that the copysignl() routine is available.
?S: If aintl is also present we can emulate modfl.
?S:.
?C:HAS_COPYSIGNL:
?C: This symbol, if defined, indicates that the copysignl routine is
?C: available. If aintl is also present we can emulate modfl.
?C:.
?H:#\$d_copysignl HAS_COPYSIGNL /**/
?H:.
?LINT:set d_copysignl
: see if copysignl exists
set copysignl d_copysignl
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_copysignl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_socks.U,v \$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_socks: Inhdr Hasfield
?MAKE: -pick add \$@ %<
?S:i_socks:
?S: This variable conditionally defines the I_SOCKS symbol, and indicates
?S: whether a C program should include <socks.h>.
?S:.
?C:I_SOCKS:
?C: This symbol, if defined, indicates that <socks.h> exists and
?C: should be included.
?C:.
?H:#\$i_socks I_SOCKS /**/
?H:.
?LINT:set i_socks
: see if this is a socks.h system
set socks.h i_socks
eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_socks.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2008 H.Merijn Brand

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_timegm: Inlibc

?MAKE: -pick add \$@ %<

?S:d_timegm:

?S: This variable conditionally defines the HAS_TIMEGM symbol, which

?S: indicates to the C program that the timegm () routine is available.

?S:.

?C:HAS_TIMEGM:

?C: This symbol, if defined, indicates that the timegm routine is

?C: available to do the opposite of gmtime ()

?C:.

?H:#\$d_timegm HAS_TIMEGM /**/

?H:.

?LINT:set d_timegm

: see if timegm exists

set timegm d_timegm

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_timegm.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_strtold: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strtold:

?S: This variable conditionally defines the HAS_STRTOLD symbol, which

?S: indicates to the C program that the strtold() routine is available.

?S:.

?C:HAS_STRTOLD:

?C: This symbol, if defined, indicates that the strtold routine is

?C: available to convert strings to long doubles.

?C:.

?H:#\$d_strtold HAS_STRTOLD /**/

?H:.

?LINT:set d_strtold

: see if strtold exists

set strtold d_strtold

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtold.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_finitel: Inlibc

?MAKE: -pick add \$@ %<

?S:d_finitel:

?S: This variable conditionally defines the HAS_FINITEL symbol, which

?S: indicates to the C program that the finitel() routine is available.

?S:.

?C:HAS_FINITEL:

?C: This symbol, if defined, indicates that the finitel routine is

?C: available to check whether a long double is finite

?C: (non-infinity non-NaN).

?C:.

?H:#\$d_finitel HAS_FINITEL /**/

?H:.

?LINT:set d_finitel

: see if finitel exists

set finitel d_finitel

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_finitel.U

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?RCS:

?MAKE:d_lgamma: Inlibc
?MAKE: -pick add \$@ %<
?S:d_lgamma:
?S: This variable conditionally defines the HAS_LGAMMA symbol, which
?S: indicates to the C program that the lgamma() routine is available
?S: for the log gamma function. See also d_tgamma and d_lgamma_r.
?S:.
?C:HAS_LGAMMA:
?C: This symbol, if defined, indicates that the lgamma routine is
?C: available to do the log gamma function. See also HAS_TGAMMA and
?C: HAS_LGAMMA_R.
?C:.
?H:#\$d_lgamma HAS_LGAMMA /**/
?H:.
?LINT:set d_lgamma
: see if lgamma exists
set lgamma d_lgamma
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lgamma.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysstatvfs.U,v \$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysstatvfs: Inhdr Hasfield
?MAKE: -pick add \$@ %<
?S:i_sysstatvfs:
?S: This variable conditionally defines the I_SYSSTATVFS symbol,
?S: and indicates whether a C program should include <sys/statvfs.h>.
?S:.
?C:I_SYS_STATVFS:
?C: This symbol, if defined, indicates that <sys/statvfs.h> exists and
?C: should be included.
?C:.
?H:#\$i_sysstatvfs I_SYS_STATVFS /**/
?H:.
?LINT:set i_sysstatvfs
: see if this is a sys/statvfs.h system
set sys/statvfs.h i_sysstatvfs
eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysstatvfs.U

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?RCS:

?MAKE:d_tgamma: Inlibc

?MAKE: -pick add \$@ %<

?S:d_tgamma:

?S: This variable conditionally defines the HAS_TGAMMA symbol, which

?S: indicates to the C program that the tgamma() routine is available

?S: for the gamma function. See also d_lgamma.

?S:.

?C:HAS_TGAMMA:

?C: This symbol, if defined, indicates that the tgamma routine is

?C: available to do the gamma function. See also HAS_LGAMMA.

?C:.

?H:#\$d_tgamma HAS_TGAMMA /**/

?H:.

?LINT:set d_tgamma

: see if tgamma exists

set tgamma d_tgamma

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_tgamma.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_strtoq: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strtoq:

?S: This variable conditionally defines the HAS_STRTOQ symbol, which

?S: indicates to the C program that the strtouq() routine is available.

?S:.

?C:HAS_STRTOQ:

?C: This symbol, if defined, indicates that the strtouq routine is

?C: available to convert strings to long longs (quads).

?C:.

?H:#\$d_strtoq HAS_STRTOQ /**/

?H:.

?LINT:set d_strtoq

: see if strtoq exists

set strtoq d_strtoq

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtoq.U

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?RCS:

?MAKE:d_fma: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fma:

?S: This variable conditionally defines the HAS_FMA symbol, which

?S: indicates to the C program that the fma() routine is available.

?S:.

?C:HAS_FMA:

?C: This symbol, if defined, indicates that the fma routine is

?C: available to do the multiply-add function.

?C:.

?H:#\$d_fma HAS_FMA /**/

?H:.

?LINT:set d_fma

: see if fma exists

set fma d_fma

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fma.U

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?RCS:

?MAKE:d_nearbyint: Inlibc

?MAKE: -pick add \$@ %<

?S:d_nearbyint:

?S: This variable conditionally defines HAS_NEARBYINT if nearbyint()

?S: is available to return the integral value closest to (according to

?S: the current rounding mode) to x.

?S:.

?C:HAS_NEARBYINT:

?C: This symbol, if defined, indicates that the nearbyint routine is available to return the integral value closest to (according to the current rounding mode) to x.

?C:.

?H:#\$d_nearbyint HAS_NEARBYINT /**/

?H:.

?LINT:set d_nearbyint

: see if nearbyint exists

set nearbyint d_nearbyint

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfigure-5.30.0/U/perl/d_nearbyint.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_isnanl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_isnanl:

?S: This variable conditionally defines the HAS_ISNANL symbol, which

?S: indicates to the C program that the isnanl() routine is available.

?S:.

?C:HAS_ISNANL:

?C: This symbol, if defined, indicates that the isnanl routine is

?C: available to check whether a long double is a NaN.

?C:.

?H:#\$d_isnanl HAS_ISNANL /**/

?H:.

?LINT:set d_isnanl

: see if isnanl exists

set isnanl d_isnanl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfigure-5.30.0/U/perl/d_isnanl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Nothing.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: Nothing.U,v \$
?RCS: Revision 3.0 1993/08/18 12:05:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: The purpose of this file is to supply an empty target for the private
?X: Makefile built by metaconfig to order the units.
?X:
?MAKE:Nothing: Head

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Nothing.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_hasmntopt: Inlibc
?MAKE: -pick add \$@ %<
?S:d_hasmntopt:
?S: This variable conditionally defines the HAS_HASMNTOPT symbol, which
?S: indicates to the C program that the hasmntopt() routine is available
?S: to query the mount options of file systems.
?S:.
?C:HAS_HASMNTOPT:
?C: This symbol, if defined, indicates that the hasmntopt routine is
?C: available to query the mount options of file systems.
?C:.
?H:#\$d_hasmntopt HAS_HASMNTOPT /**/
?H:.
?LINT:set d_hasmntopt
: see if hasmntopt exists
set hasmntopt d_hasmntopt
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_hasmntopt.U

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_fmax: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fmax:

?S: This variable conditionally defines the HAS_FMAX symbol, which

?S: indicates to the C program that the fmax() routine is available.

?S:.

?C:HAS_FMAX:

?C: This symbol, if defined, indicates that the fmax routine is

?C: available to do the maximum function.

?C:.

?H:#\$d_fmax HAS_FMAX /**/

?H:.

?LINT:set d_fmax

: see if fmax exists

set fmax d_fmax

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fmax.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2019 Karl Williamson

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_towlower: Inlibc

?MAKE: -pick add \$@ %<

?S:d_towlower:

?S: This variable conditionally defines the HAS_TOWLOWER symbol, which

?S: indicates to the C program that the towlower() routine is available.

?S:.

?C:HAS_TOWLOWER:

?C: This symbol, if defined, indicates that the towlower () routine is

?C: available to do case conversion.

?C:.

?H:#\$d_towlower HAS_TOWLOWER /**/

?H:.

```
?LINT:set d_towlower
: see if towlower exists
set towlower d_towlower
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_towlower.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysstatfs.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:i_sysstatfs: Inhdr Hasfield
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_sysstatfs:
```

```
?S: This variable conditionally defines the I_SYSSTATFS symbol,
```

```
?S: and indicates whether a C program should include <sys/statfs.h>.
```

```
?S:.
```

```
?C:I_SYS_STATFS:
```

```
?C: This symbol, if defined, indicates that <sys/statfs.h> exists.
```

```
?C:.
```

```
?H:#$i_sysstatfs I_SYS_STATFS /**/
```

```
?H:.
```

```
?LINT:set i_sysstatfs
```

```
: see if this is a sys/statfs.h system
```

```
set sys/statfs.h i_sysstatfs
```

```
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysstatfs.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS:
```

```
?MAKE:i_stdint: Inhdr
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_stdint:
```

```
?S: This variable conditionally defines the I_STDINT symbol, which
```

```
?S: indicates to the C program that <stdint.h> exists and should
```

```
?S: be included.
```

```
?S:.
```


?C:I_STDINT:
?C: This symbol, if defined, indicates that <stdint.h> exists and
?C: should be included.
?C:.
?H:#\$i_stdint I_STDINT /**/
?H:.
?LINT:set i_stdint
: see if stdint is available
set stdint.h i_stdint
eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_stdint.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_crypt.U,v \$
?RCS:
?RCS: Copyright (c) 2002 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_crypt: Inhdr Hasfield
?MAKE: -pick add \$@ %<
?S:i_crypt:
?S: This variable conditionally defines the I_CRYPT symbol, and indicates
?S: whether a C program should include <crypt.h>.
?S:.
?C:I_CRYPT:
?C: This symbol, if defined, indicates that <crypt.h> exists and
?C: should be included.
?C:.
?H:#\$i_crypt I_CRYPT /**/
?H:.
?LINT:set i_crypt
: see if this is a crypt.h system
set crypt.h i_crypt
eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_crypt.U

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?RCS: License or the Artistic License, as specified in the README file.
?RCS:

?MAKE:d_acosh: Inlibc
?MAKE: -pick add \$@ %<
?S:d_acosh:
?S: This variable conditionally defines the HAS_ACOSH symbol, which
?S: indicates to the C program that the acosh() routine is available.
?S:.
?C:HAS_ACOSH:
?C: This symbol, if defined, indicates that the acosh routine is
?C: available to do the inverse hyperbolic cosine function.
?C:.
?H:#\$d_acosh HAS_ACOSH /**/
?H:.
?LINT:set d_acosh
: see if acosh exists
set acosh d_acosh
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_acosh.U

No license file was found, but licenses were detected in source scan.

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_erfc: Inlibc

?MAKE: -pick add \$@ %<

?S:d_erfc:

?S: This variable conditionally defines the HAS_ERFC symbol, which

?S: indicates to the C program that the erfc() routine is available.

?S:.

?C:HAS_ERFC:

?C: This symbol, if defined, indicates that the erfc routine is

?C: available to do the complementary error function.

?C:.

?H:#\$d_erfc HAS_ERFC /**/
?H:.

?LINT:set d_erfc

: see if erfc exists

set erfc d_erfc

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_erfc.U

No license file was found, but licenses were detected in source scan.

/*

```

* $Id: scandir.C,v 3.0.1.1 1994/01/24 13:58:45 ram Exp ram $
*
* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
* You may redistribute only under the terms of the Artistic Licence,
* as specified in the README file that comes with the distribution.
* You may reuse parts of this distribution only within the terms of
* that same Artistic Licence; a copy of which may be found at the root
* of the source tree for dist 4.0.
*
* $Log: scandir.C,v $
* Revision 3.0.1.1 1994/01/24 13:58:45 ram
* patch16: created
*
*/

```

Found in path(s):

```

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/scandir.C

```

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_trunc: Inlibc

?MAKE: -pick add \$@ %<

?S:d_trunc:

?S: This variable conditionally defines the HAS_TRUNC symbol, which

?S: indicates to the C program that the trunc() routine is available

?S: to round doubles towards zero.

?S:.

?C:HAS_TRUNC:

?C: This symbol, if defined, indicates that the trunc routine is

?C: available to round doubles towards zero.

?C:.

?H:#\$d_trunc HAS_TRUNC /**/

?H:.

?LINT:set d_trunc

: see if trunc exists

set trunc d_trunc

eval \$inlibc

Found in path(s):

```

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_trunc.U

```

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?RCS:
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 ?RCS: License or the Artistic License, as specified in the README file.
 ?RCS:
 ?MAKE:d_unsetenv: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_unsetenv:
 ?S: This variable conditionally defines the HAS_UNSETENV symbol, which
 ?S: indicates to the C program that the unsetenv () routine is available.
 ?S:.
 ?C:HAS_UNSETENV:
 ?C: This symbol, if defined, indicates that the unsetenv () routine is
 ?C: available for use.
 ?C:.
 ?H:#\$d_unsetenv HAS_UNSETENV /**/
 ?H:.
 ?LINT:set d_unsetenv
 : see if unsetenv exists
 set unsetenv d_unsetenv
 eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_unsetenv.U

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 ?RCS: License or the Artistic License, as specified in the README file.
 ?RCS:
 ?MAKE:d_unordered: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_unordered:
 ?S: This variable conditionally defines the HAS_UNORDERED symbol, which
 ?S: indicates to the C program that the unordered() routine is available.
 ?S:.
 ?C:HAS_UNORDERED:
 ?C: This symbol, if defined, indicates that the unordered routine is
 ?C: available to check whether two doubles are unordered
 ?C: (effectively: whether either of them is NaN)
 ?C:.
 ?H:#\$d_unordered HAS_UNORDERED /**/
 ?H:.

```
?LINT:set d_unordered
: see if unordered exists
set unordered d_unordered
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_unordered.U
```

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?RCS:

?MAKE:d_hypot: Inlibc

?MAKE: -pick add \$@ %<

?S:d_hypot:

?S: This variable conditionally defines HAS_HYPOT if hypot is available

?S: for numerically stable hypotenuse function.

?S:.

?C:HAS_HYPOT:

?C: This symbol, if defined, indicates that the hypot routine is

?C: available to do the hypotenuse function.

?C:.

?H:#\$d_hypot HAS_HYPOT /**/

?H:.

?LINT:set d_hypot

: see if hypot exists

set hypot d_hypot

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_hypot.U
```

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?RCS:

?MAKE:d_asinh: Inlibc

?MAKE: -pick add \$@ %<

?S:d_asinh:

?S: This variable conditionally defines the HAS_ASINH symbol, which

?S: indicates to the C program that the asinh() routine is available.

?S:.

?C:HAS_ASINH:

?C: This symbol, if defined, indicates that the asinh routine is

?C: available to do the inverse hyperbolic sine function.

?C:.

?H:#\$d_asinh HAS_ASINH /**/

?H:.

?LINT:set d_asinh

: see if asinh exists

set asinh d_asinh

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_asinh.U

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?RCS:

?MAKE:d_rint: Inlibc

?MAKE: -pick add \$@ %<

?S:d_rint:

?S: This variable conditionally defines the HAS_RINT symbol, which

?S: indicates to the C program that the rint() routine is available.

?S:.

?C:HAS_RINT:

?C: This symbol, if defined, indicates that the rint routine is

?C: available to return the nearest integral value to x as double

?C: using the current rounding mode.

?C:.

?H:#\$d_rint HAS_RINT /**/

?H:.

?LINT:set d_rint

: see if rint exists

set rint d_rint

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_rint.U

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?RCS:

?MAKE:d_lroundl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lroundl:

?S: This variable conditionally defines the HAS_LROUNDL symbol, which

?S: indicates to the C program that the lroundl() routine is available

?S: to return the integral value nearest to x away from zero.

?S:.

?C:HAS_LROUNDL:

?C: This symbol, if defined, indicates that the lroundl routine is

?C: available to return the nearest integral value away from zero of

?C: the long double argument value.

?C:.

?H:#\$d_lroundl HAS_LROUNDL /**/

?H:.

?LINT:set d_lroundl

: see if lroundl exists

set lroundl d_lroundl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lroundl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_isinfl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_isinfl:

?S: This variable conditionally defines the HAS_ISINFL symbol, which

?S: indicates to the C program that the isinfl() routine is available.

?S:.

?C:HAS_ISINFL:

?C: This symbol, if defined, indicates that the isinfl routine is

?C: available to check whether a long double is an infinity.

?C:.

?H:#\$d_isinfl HAS_ISINFL /**/

?H:.

?LINT:set d_isinfl

: see if isinfl exists

set isinfl d_isinfl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isinfl.U

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?RCS:
?MAKE:d_log2: Inlibc
?MAKE: -pick add \$@ %<
?S:d_log2:
?S: This variable conditionally defines the HAS_LOG2 symbol, which
?S: indicates to the C program that the log2() routine is available
?S: to compute log base two.
?S:.
?C:HAS_LOG2:
?C: This symbol, if defined, indicates that the log2 routine is
?C: available to do the log2 function.
?C:.
?H:#\$d_log2 HAS_LOG2 /**/
?H:.
?LINT:set d_log2
: see if log2 exists
set log2 d_log2
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_log2.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_libutil.U,v \$
?RCS:
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_libutil: Inhdr Hasfield
?MAKE: -pick add \$@ %<
?S:i_libutil:
?S: This variable conditionally defines the I_LIBUTIL symbol, and indicates
?S: whether a C program should include <libutil.h>.
?S:.
?C:I_LIBUTIL:
?C: This symbol, if defined, indicates that <libutil.h> exists and
?C: should be included.
?C:.
?H:#\$i_libutil I_LIBUTIL /**/
?H:.
?LINT:set i_libutil
: see if this is a libutil.h system
set libutil.h i_libutil
eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_libutil.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysutsname.U,v \$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_sysutsname: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_sysutsname:

?S: This variable conditionally defines the I_SYSUTSNAME symbol,

?S: and indicates whether a C program should include <sys/utsname.h>.

?S:.

?C:I_SYSUTSNAME:

?C: This symbol, if defined, indicates that <sys/utsname.h> exists and

?C: should be included.

?C:.

?H:#\$i_sysutsname I_SYSUTSNAME /**/

?H:.

?LINT:set i_sysutsname

: see if this is a sys/utsname.h system

set sys/utsname.h i_sysutsname

eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysutsname.U

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?RCS: \$Id: i_poll.U,v \$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_poll: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_poll:

?S: This variable conditionally defines the I_POLL symbol, and indicates

?S: whether a C program should include <poll.h>.

?S:.

?C:I_POLL:

?C: This symbol, if defined, indicates that <poll.h> exists and

?C: should be included. (see also HAS_POLL)

?C:.

?H:#\$i_poll I_POLL /**/

?H:.

?LINT:set i_poll

: see if this is a poll.h system

set poll.h i_poll

eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_poll.U

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?RCS:

?MAKE:d_truncl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_truncl:

?S: This variable conditionally defines the HAS_TRUNCL symbol, which

?S: indicates to the C program that the truncl() routine is available

?S: to round long doubles towards zero. If copysignl is also present,

?S: we can emulate modfl.

?S:.

?C:HAS_TRUNCL :

?C: This symbol, if defined, indicates that the truncl routine is

?C: available. If copysignl is also present we can emulate modfl.

?C:.

?H:#\$d_truncl HAS_TRUNCL /**/

?H:.

?LINT:set d_truncl

: see if truncl exists

set truncl d_truncl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_truncl.U

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?RCS: \$Id: i_mntent.U,v \$

?RCS:

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```
?RCS:
?MAKE:i_mntent: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_mntent:
?S: This variable conditionally defines the I_MNTENT symbol, and indicates
?S: whether a C program should include <mntent.h>.
?S:.
?C:I_MNTENT:
?C: This symbol, if defined, indicates that <mntent.h> exists and
?C: should be included.
?C:.
?H:#$i_mntent I_MNTENT /**/
?H:.
?LINT:set i_mntent
: see if this is a mntent.h system
set mntent.h i_mntent
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_mntent.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysvfs.U,v $
?RCS:
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?RCS:
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?RCS:
?MAKE:i_sysvfs: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sysvfs:
?S: This variable conditionally defines the I_SYSVFS symbol,
?S: and indicates whether a C program should include <sys/vfs.h>.
?S:.
?C:I_SYS_VFS:
?C: This symbol, if defined, indicates that <sys/vfs.h> exists and
?C: should be included.
?C:.
?H:#$i_sysvfs I_SYS_VFS /**/
?H:.
?LINT:set i_sysvfs
: see if this is a sys/vfs.h system
set sys/vfs.h i_sysvfs
eval $inhdr
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysvfs.U

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?RCS: \$Id\$

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?RCS:

?MAKE:d_fstatfs : Inlibc

?MAKE: -pick add \$@ %<

?S:d_fstatfs:

?S: This variable conditionally defines the HAS_FSTATFS symbol, which

?S: indicates to the C program that the fstatfs() routine is available.

?S:.

?C:HAS_FSTATFS:

?C: This symbol, if defined, indicates that the fstatfs routine is

?C: available to stat filesystems by file descriptors.

?C:.

?H:#\$d_fstatfs HAS_FSTATFS /**/

?H:.

?LINT:set d_fstatfs

: see if fstatfs exists

set fstatfs d_fstatfs

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fstatfs.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_fp.U,v \$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_fp: Inhdr

?MAKE: -pick add \$@ %<

?S:i_fp:

?S: This variable conditionally defines the I_FP symbol, and indicates

?S: whether a C program should include <fp.h>.

?S:.

?C:I_FP:

?C: This symbol, if defined, indicates that <fp.h> exists and

?C: should be included.

?C:.

?H:#\$i_fp I_FP /**/

?H:.

?LINT:set i_fp

: see if this is a fp.h system

set fp.h i_fp

eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_fp.U

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?RCS:

?MAKE:d_getaddrinfo: Inlibc

?MAKE:-pick add \$@ %<

?S:d_getaddrinfo:

?S: This variable conditionally defines the HAS_GETADDRINFO symbol,

?S: which indicates to the C program that the getaddrinfo() function

?S: is available.

?S:.

?C:HAS_GETADDRINFO:

?C: This symbol, if defined, indicates that the getaddrinfo() function

?C: is available for use.

?C:.

?H:#\$d_getaddrinfo HAS_GETADDRINFO /**/

?H:.

?LINT:set d_getaddrinfo

: see if getaddrinfo exists

set getaddrinfo d_getaddrinfo

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getaddrinfo.U

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?RCS: \$Id: baserev.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

```

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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: baserev.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:24 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:baserev: Null
?MAKE: -pick wipe $@ %<
?S:baserev:
?S: The base revision level of this package, from the .package file.
?S:.
: set the base revision
baserev=<BASEREV>

```

Found in path(s):

```

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/baserev.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_ieeefp.U,v $
?RCS:
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_ieeefp: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_ieeefp:
?S: This variable conditionally defines the I_IEEEFP symbol, and indicates
?S: whether a C program should include <ieeefp.h>.
?S:.
?C:I_IEEEFP:
?C: This symbol, if defined, indicates that <ieeefp.h> exists and
?C: should be included.
?C:.
?H:#$i_ieeefp I_IEEEFP /**/
?H:.
?LINT:set i_ieeefp
: see if this is a ieeefp.h system
case "$i_ieeefp" in
" ) set ieeefp.h i_ieeefp
    eval $inhdr
    ;;

```

esac

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_ieeefp.U

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?RCS:

?MAKE:d_atanh: Inlibc

?MAKE: -pick add \$@ %<

?S:d_atanh:

?S: This variable conditionally defines the HAS_ATANH symbol, which

?S: indicates to the C program that the atanh() routine is available.

?S:.

?C:HAS_ATANH:

?C: This symbol, if defined, indicates that the atanh routine is

?C: available to do the inverse hyperbolic tangent function.

?C:.

?H:#\$d_atanh HAS_ATANH /**/

?H:.

?LINT:set d_atanh

: see if atanh exists

set atanh d_atanh

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_atanh.U

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?RCS:

?MAKE:d_llrint: Inlibc

?MAKE: -pick add \$@ %<

?S:d_llrint:

?S: This variable conditionally defines the HAS_LLRLINT symbol, which

?S: indicates to the C program that the llrint() routine is available

?S: to return the long long value closest to a double (according

?S: to the current rounding mode).

?S:.

?C:HAS_LLRLINT:

?C: This symbol, if defined, indicates that the llrint routine is

?C: available to return the long long value closest to a double

?C: (according to the current rounding mode).

?C:.

?H:#\$d_llrint HAS_LLRLINT /**/

?H:.

?LINT:set d_llrint

: see if llrint exists

set llrint d_llrint

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_llrint.U

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?RCS:

?MAKE:d_strtold_l: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strtold_l:

?S: This variable conditionally defines the HAS_STRTOLD_L symbol, which

?S: indicates to the C program that the strtold_l() routine is available.

?S:.

?C:HAS_STRTOLD_L:

?C: This symbol, if defined, indicates that the strtold_l routine is

?C: available to convert strings to long doubles.

?C:.

?H:#\$d_strtold_l HAS_STRTOLD_L /**/

?H:.

?LINT:set d_strtold_l

: see if strtold_l exists

set strtold_l d_strtold_l

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_strtold_l.U

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?RCS:

?MAKE:d_exp2: Inlibc

?MAKE: -pick add \$@ %<

?S:d_exp2:

?S: This variable conditionally defines the HAS_EXP2 symbol, which

?S: indicates to the C program that the exp2() routine is available.

?S:.

?C:HAS_EXP2:

?C: This symbol, if defined, indicates that the exp2 routine is

?C: available to do the 2**x function.

?C:.

?H:#\$d_exp2 HAS_EXP2 /**/

?H:.

?LINT:set d_exp2

: see if exp2 exists

set exp2 d_exp2

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_exp2.U

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?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d_getcwd: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getcwd:

?S: This variable conditionally defines the HAS_GETCWD symbol, which

?S: indicates to the C program that the getcwd() routine is available

?S: to get the current working directory.

?S:.

?C:HAS_GETCWD :

?C: This symbol, if defined, indicates that the getcwd routine is

?C: available to get the current working directory.

?C:.

?H:#\$d_getcwd HAS_GETCWD /**/

?H:.

?LINT:set d_getcwd

: see if getcwd exists

set getcwd d_getcwd

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getcwd.U

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```

/*
* $Id: dup2.C,v 3.0.1.1 1994/01/24 13:58:37 ram Exp ram $
*
* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
* You may redistribute only under the terms of the Artistic Licence,
* as specified in the README file that comes with the distribution.
* You may reuse parts of this distribution only within the terms of
* that same Artistic Licence; a copy of which may be found at the root
* of the source tree for dist 4.0.
*
* Original Author: Larry Wall <lwall@netlabs.com>
*
* $Log: dup2.C,v $
* Revision 3.0.1.1 1994/01/24 13:58:37 ram
* patch16: created
*
*/

```

Found in path(s):

```

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/dup2.C

```

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?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d_ftello: Inlibc longsize

?MAKE: -pick add \$@ %<

?S:d_ftello:

?S: This variable conditionally defines the HAS_FTELLO symbol, which

?S: indicates to the C program that the ftello() routine is available.

?S:.

?C:HAS_FTELLO:

?C: This symbol, if defined, indicates that the ftello routine is

?C: available to ftell beyond 32 bits (useful for ILP32 hosts).

?C:.

?H:#\$d_ftello HAS_FTELLO /**/

?H:.

?LINT:set d_ftello

: see if ftello exists

set ftello d_ftello

eval \$inlibc

case "\$longsize" in

```
8) echo "(Your long is 64 bits, so you could use ftell.)" ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ftello.U
```

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?RCS: \$Id\$

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?RCS:

?MAKE:d_frexp: Inlibc

?MAKE: -pick add \$@ %<

?S:d_frexp:

?S: This variable conditionally defines the HAS_FREXP symbol, which

?S: indicates to the C program that the frexp() routine is available.

?S:.

?C:HAS_FREXP:

?C: This symbol, if defined, indicates that the frexp routine is

?C: available to break a long double floating-point number into

?C: a normalized fraction and an integral power of 2.

?C:.

?H:#\$d_frexp HAS_FREXP /**/

?H:.

?LINT:set d_frexp

: see if frexp exists

set frexp d_frexp

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_frexp.U
```

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?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d_copysign: Inlibc

?MAKE: -pick add \$@ %<

?S:d_copysign:

?S: This variable conditionally defines the HAS_COPYSIGN symbol, which

?S: indicates to the C program that the copysign() routine is available.

?S:.

?C:HAS_COPYSIGN:

?C: This symbol, if defined, indicates that the copysign routine is

?C: available to do the copysign function.

?C:.

?H:#\$d_copysign HAS_COPYSIGN /**/

?H:.

?LINT:set d_copysign

: see if copysign exists

set copysign d_copysign

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_copysign.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d_socks5_init: Inlibc

?MAKE: -pick add \$@ %<

?S:d_socks5_init:

?S: This variable conditionally defines the HAS_SOCKS5_INIT symbol, which

?S: indicates to the C program that the socks5_init() routine is available.

?S:.

?C:HAS_SOCKS5_INIT:

?C: This symbol, if defined, indicates that the socks5_init routine is

?C: available to initialize SOCKS 5.

?C:.

?H:#\$d_socks5_init HAS_SOCKS5_INIT /**/

?H:.

?LINT:set d_socks5_init

: see if socks5_init exists

set socks5_init d_socks5_init

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_socks5_init.U

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?RCS: \$Id: i_shadow.U,v \$
?RCS:
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_shadow: Inhdr Hasfield
?MAKE: -pick add \$@ %<
?S:i_shadow:
?S: This variable conditionally defines the I_SHADOW symbol, and indicates
?S: whether a C program should include <shadow.h>.
?S:.
?C:I_SHADOW:
?C: This symbol, if defined, indicates that <shadow.h> exists and
?C: should be included.
?C:.
?H:#\$i_shadow I_SHADOW /**/
?H:.
?LINT:set i_shadow
: see if this is a shadow.h system
set shadow.h i_shadow
eval \$inhdr

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_shadow.U

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?RCS: \$Id\$
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?RCS:
?MAKE:d_eaccess: Inlibc
?MAKE: -pick add \$@ %<
?S:d_eaccess:
?S: This variable conditionally defines the HAS_EACCESS symbol, which
?S: indicates to the C program that the eaccess() routine is available.
?S:.
?C:HAS_EACCESS :
?C: This symbol, if defined, indicates that the eaccess routine is
?C: available to do extended access checks.
?C:.
?H:#\$d_eaccess HAS_EACCESS /**/
?H:.

?LINT:set d_eaccess
: see if eaccess exists
set eaccess d_eaccess
eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/d_eaccess.U

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?RCS:

?MAKE:d_lrint: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lrint:

?S: This variable conditionally defines the HAS_LRINT symbol, which

?S: indicates to the C program that the lrint() routine is available

?S: to return the integral value closest to a double (according

?S: to the current rounding mode).

?S:.

?C:HAS_LRINT:

?C: This symbol, if defined, indicates that the lrint routine is

?C: available to return the integral value closest to a double

?C: (according to the current rounding mode).

?C:.

?H:#\$d_lrint HAS_LRINT /**/

?H:.

?LINT:set d_lrint

: see if lrint exists

set lrint d_lrint

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lrint.U

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?RCS:

?MAKE:d_fpgetround: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fpgetround:

?S: This variable conditionally defines HAS_FPGETROUND if fpgetround()

?S: is available to get the floating point rounding mode.

?S:.

?C:HAS_FPGETROUND:

?C: This symbol, if defined, indicates that the fpgetround routine is

?C: available to get the floating point rounding mode.

?C:.

?H:#\$d_fpgetround HAS_FPGETROUND /**/

?H:.

?LINT:set d_fpgetround

: see if fpgetround exists

set fpgetround d_fpgetround

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fpgetround.U

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?RCS:

?MAKE:d_ilogb: Inlibc

?MAKE: -pick add \$@ %<

?S:d_ilogb:

?S: This variable conditionally defines the HAS_ILOGB symbol, which

?S: indicates to the C program that the ilogb() routine is available

?S: for extracting the exponent of double x as a signed integer.

?S:.

?C:HAS_ILOGB:

?C: This symbol, if defined, indicates that the ilogb routine is

?C: available to get integer exponent of a floating-point value.

?C:.

?H:#\$d_ilogb HAS_ILOGB /**/

?H:.

?LINT:set d_ilogb

: see if ilogb exists

set ilogb d_ilogb

eval \$inlibc

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ilogb.U

1.295 golang-jwt 4.4.2

1.295.1 Available under license :

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1.296 apparmor 2.13.3-7ubuntu5.3

1.296.1 Available under license :

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Version 2.1, February 1999

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Any executables

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*

* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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1.301 openssh-client 1:8.2p1-4ubuntu0.11

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* @version 3.0 (December 2000)

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* Optimised ANSI C code for the Rijndael cipher (now AES)

*

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards

changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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Version 1, February 1989

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
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```

```
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```
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```

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```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
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under certain conditions; type `show c' for details.
```

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```
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program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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Version 3, 29 June 2007

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The

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1.304 rcrowley-go-metrics 0.0.0-20181016184325-3113b8401b8a

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1.305 systemd 245.4-4ubuntu3.23

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1.307 gotenv 1.4.1

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1.308 go-toml 2.0.5

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1.309 libnss-systemd 245.4-4ubuntu3.23

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* @version 3.0 (December 2000)

*

* Optimised ANSI C code for the Rijndael cipher (now AES)

*

* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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Date: Fri, 6 Jun 2003 10:18:52 -0700
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To: Stephen Frost <sfrost@debian.org>
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999
Subject: Re: Juan C. Gomez license in OpenLDAP Source

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* Date: Wed, 28 May 2003 10:55:44 -0700
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* In-reply-to: <20030528162613.GB8524@ns.snowman.net>
* Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>
* Old-return-path: <Kurt@OpenLDAP.org>

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- The make-ssh-known-hosts script is no longer included

- TSS has been removed

- MD5 is now external, in the OpenSSL library

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1.314 python-certifi 2019.11.28-1

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#

This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

<http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#>

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.

Just configure this file as the SSLCACertificateFile.#

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@(#) \$RCSfile: certdata.txt,v \$

\$Revision: 1.80 \$ \$Date: 2011/11/03 15:11:58 \$

1.315 unzip 6.0-25ubuntu1.2

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FIRST NOTE:

This file contains some details about the copyright history of contributions to the UnZip project.

Additionally, it summarises some exceptions to the general BSD-like copyright found in LICENSE that covers our generic code and most of the system specific ports.

Please read LICENSE first to find out what is allowed to do with Info-ZIP's UnZip code.

There are currently two explicit copyrights on portions of UnZip code (at least, of which Info-ZIP is aware):

Jim Luther's Mac OS File Manager interface code; and Christopher Evans' MacBinaryIII coding code (for the MacOS port).. These copyrights are discussed in more detail below.

All remaining

code is now (starting with UnZip version 5.41) covered by the new Info-ZIP license. For details, please read the accompanying file LICENSE. The terms and conditions in this license supersede the copyright conditions of the contributions by Igor Mandrichenko (vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c), Mike White (Windows DLL code in "windll/*"), Steve P. Miller (Pocket UnZip GUI "wince/*"), and Mark Adler (inflate/explode decompression core routines, previously put into the public domain). All these Info-ZIP contributors (or "primary" authors) have permitted us to replace their copyright notes by the Info-ZIP License.

Frequently Asked Questions regarding (re)distribution of Zip and UnZip are near the end of this file.

There are no known patents on any of the code in UnZip. Unisys claims a patent on LZW encoding and on LZW decoding in an apparatus that performs LZW encoding, but the patent appears to exempt a stand-alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed otherwise, but the issue has never been tested in court. Since this point is unclear, unshrinking is not enabled by default. It is the responsibility of the user to make his or her peace with Unisys and its licensing requirements. (unshrink.c may be removed from future releases altogether.)

The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode());

replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip

5.42, the complete

core code is now covered by the Info-ZIP Licence. Therefore, support for the reduce method has been removed.

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program.

For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

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```
* MoreFiles
*
* A collection of File Manager and related routines
*
* by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
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* (Apple Macintosh Developer Technical Support Emeritus)
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- * MacBinaryIII.h
- *
- * Copyright 1997 Christopher Evans (cevans@poppybank.com)
- *
- * Basic encoding and decoding of Macintosh files to the
- * MacBinary III spec.
- * -----
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- * (available at ftp://ftp.lazerware.com/MacBinaryIII_src_C.sit
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Regarding the first stipulation, Mr. Smith was tracked down in southern
California some years back [Samuel H. Smith, The Tool Shop; as of mid-
May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS),
71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that
he has no objection to the Info-ZIP group's inclusion of his code.
His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten
and by default
no longer contains any of Mr. Smith's code, Info-ZIP
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The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

1.316 shadow 4.8.1-1ubuntu5.20.04.5

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1.323 rcrowley-gometrics v0.0.0-20181016184325-3113b8401b8a

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1.324 curl 7.68.0-1ubuntu2.22

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1.325 nocache 1.1-1

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1.326 gopkg.in-ini 1.67.0

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1.327 util-linux 2.34-0.1ubuntu9.6

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1.328 util-linux 1:2.34-0.1ubuntu9.6

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Constant-time SSSE3 AES core implementation.

version 0.1

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By Mike Hamburg (Stanford University), 2009

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For details see https://shiftright.org/papers/vector_aes/ and

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c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

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Version 3, 29 June 2007

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1.330 goprotobuf 1.5.2

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1.331 kubernetes-klog 2.60.1

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1.332 nghttp2 1.40.0-1ubuntu0.3

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Upstream-Name: nghttp2

Upstream-Contact: Tatsuhiro Tsujikawa <t-tujikawa@users.sourceforge.net>

Source: <https://github.com/tatsuhiro-t/nghttp2>

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1.339 glib 2.64.6-1~ubuntu20.04.7

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This package was debianized by Akira TAGOH <tagoh@debian.org> on Thu, 7 Mar 2002 01:05:25 +0900.

It was downloaded from <<https://download.gnome.org/sources/glib/>>.

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the work with the complete corresponding

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1.342 python-idna 2.8-1ubuntu0.1

1.342.1 Available under license :

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Metadata-Version: 1.2

Name: idna

Version: 2.8

Summary: Internationalized Domain Names in Applications (IDNA)

Home-page: <https://github.com/kjd/idna>

Author: Kim Davies

Author-email: kim@cynosure.com.au

License: BSD-like

Description: Internationalized Domain Names in Applications (IDNA)

=====

Support for the Internationalised Domain Names in Applications (IDNA) protocol as specified in `RFC 5891 <<http://tools.ietf.org/html/rfc5891>>`_. This is the latest version of the protocol and is sometimes referred to as "IDNA 2008".

This library also provides support for Unicode Technical Standard 46, `Unicode IDNA Compatibility Processing <<http://unicode.org/reports/tr46/>>`_.

This acts as a suitable replacement for the "encodings.idna" module that

comes with the Python standard library,
but only supports the
old, deprecated IDNA specification (RFC 3490 <<http://tools.ietf.org/html/rfc3490>>`_).

Basic functions are simply executed:

```
.. code-block:: pycon

# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.

# Python 2
>>> import idna
>>> idna.encode('.')
'xn--eckwd4c7c.xn--zckzah'
>>> print idna.decode('xn--eckwd4c7c.xn--zckzah')
.
```

Packages

The latest tagged release version is published in the PyPI repository:

```
.. image:: https://badge.fury.io/py/idna.svg
:target: http://badge.fury.io/py/idna
```

Installation

To install this library,
you can use pip:

```
.. code-block:: bash

$ pip install idna
```

Alternatively, you can install the package using the bundled setup script:

```
.. code-block:: bash

$ python setup.py install
```

This library works with Python 2.7 and Python 3.4 or later.

Usage

For typical usage, the `encode` and `decode` functions will take a domain name argument and perform a conversion to A-labels or U-labels respectively.

```
.. code-block:: pycon

# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.
```

You may use the codec encoding and decoding methods using the `idna.codec` module:

```
.. code-block:: pycon

# Python 2
>>> import idna.codec
>>> print u'.'.encode('idna')
xn--80ahd1agd.xn--80akhbyknj4f
>>> print 'xn--80ahd1agd.xn--80akhbyknj4f'.decode('idna')
.
```

Conversions can be applied at a per-label basis using the `ulabel` or `alabel` functions if necessary:

```
.. code-block:: pycon

# Python 2
>>> idna.alabel(u")
'xn--0zwm56d'
```

Compatibility Mapping (UTS #46)

+++++

As described in `RFC 5895 <<http://tools.ietf.org/html/rfc5895>>`_, the IDNA specification no longer normalizes input from different potential ways a user may input a domain name. This functionality, known as a “mapping”, is now considered by the specification to be a local user-interface issue distinct from IDNA conversion functionality.

This library provides one such mapping, that was developed by the Unicode Consortium. Known as `Unicode IDNA Compatibility Processing` <http://unicode.org/reports/tr46/>, it provides for both a regular mapping for typical applications, as well as a transitional mapping to help migrate from older IDNA 2003 applications.

For example, “Königsgäßchen” is not a permissible label as *LATIN CAPITAL LETTER K* is not allowed (nor are capital letters in general). UTS 46 will convert this into lower case prior to applying the IDNA conversion.

```
.. code-block:: pycon
```

```
# Python 3
>>> import idna
>>> idna.encode(u'Königsgäßchen')
...
idna.core.InvalidCodepoint: Codepoint U+004B at position 1 of 'Königsgäßchen' not allowed
>>> idna.encode('Königsgäßchen', uts46=True)
b'xn--knigsgchen-b4a3dun'
>>> print(idna.decode('xn--knigsgchen-b4a3dun'))
königsgäßchen
```

Transitional processing provides conversions to help transition from the older 2003 standard to the current standard. For example, in the original IDNA specification, the *LATIN SMALL LETTER SHARP S* (ß) was converted into two *LATIN SMALL LETTER S* (ss), whereas in the current IDNA specification this conversion is not performed.

```
.. code-block:: pycon
```

```
# Python 2
>>> idna.encode(u'Königsgäßchen', uts46=True, transitional=True)
'xn--knigsgsschen-lcb0w'
```

Implementors should use transitional processing with caution, only in rare cases where conversion from legacy labels to current labels must be performed (i.e. IDNA implementations that pre-date 2008). For typical applications that just need to convert labels, transitional processing is unlikely to be beneficial and could produce unexpected incompatible results.

```
``encodings.idna`` Compatibility
+++++
```

Function calls from the Python built-in ``encodings.idna`` module are mapped to their IDNA 2008 equivalents using the ``idna.compat`` module. Simply substitute the ``import`` clause in your code to refer to the new module name.

Exceptions

All errors raised during the conversion following the specification should raise an exception derived from the `idna.IDNAError` base class.

More specific exceptions that may be generated as `idna.IDNABidiError` when the error reflects an illegal combination of left-to-right and right-to-left characters in a label; `idna.InvalidCodepoint` when a specific codepoint is an illegal character in an IDN label (i.e. INVALID); and `idna.InvalidCodepointContext` when the codepoint is illegal based on its positional context (i.e. it is CONTEXTO or CONTEXTJ but the contextual requirements are not satisfied.)

Building and Diagnostics

The IDNA and UTS 46 functionality relies upon pre-calculated lookup tables for performance. These tables are derived from computing against eligibility criteria in the respective standards. These tables are computed using the command-line script `tools/idna-data`.

This tool will fetch relevant tables from the Unicode Consortium and perform the required calculations to identify eligibility. It has three main modes:

* `idna-data make-libdata`. Generates `idnadata.py` and `uts46data.py`, the pre-calculated lookup tables used for IDNA and UTS 46 conversions. Implementors who wish to track this library against a different Unicode version may use this tool to manually generate a different version of the `idnadata.py` and `uts46data.py` files.

* `idna-data make-table`. Generate a table of the IDNA disposition (e.g. PVALID, CONTEXTJ, CONTEXTO) in the format found in Appendix B.1 of RFC 5892 and the pre-computed tables published by IANA <<http://iana.org/>>.

* `idna-data U+0061`. Prints debugging output on the various properties associated with an individual Unicode codepoint (in this case, U+0061), that are used to assess the IDNA and UTS 46 status of a codepoint. This is helpful in debugging or analysis.

The tool accepts a number of arguments, described using `idna-data -h`. Most notably, the `--version` argument allows the specification of the version of Unicode to use in computing the table data. For example, `idna-data --version 9.0.0 make-libdata` will generate library data against Unicode 9.0.0.

Note that this script requires Python 3, but all generated library data will work

in Python 2.7.

Testing

The library has a test suite based on each rule of the IDNA specification, as well as tests that are provided as part of the Unicode Technical Standard 46, `Unicode IDNA Compatibility Processing <<http://unicode.org/reports/tr46/>>` _.

The tests are run automatically on each commit at Travis CI:

```
.. image:: https://travis-ci.org/kjd/idna.svg?branch=master
   :target: https://travis-ci.org/kjd/idna
```

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: System Administrators

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent

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Classifier: Programming Language

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Classifier: Programming Language :: Python :: 2.7

Classifier: Programming Language :: Python :: 3

Classifier: Programming Language :: Python :: 3.4

Classifier: Programming Language :: Python :: 3.5

Classifier: Programming Language :: Python :: 3.6

Classifier: Topic :: Internet :: Name Service (DNS)

Classifier: Topic :: Software Development :: Libraries :: Python Modules

Classifier: Topic :: Utilities

Requires-Python: >=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*

Found in path(s):

* /opt/cola/permits/2018969955_1716570595.1123645/0/idna-2-8-tar-gz/idna-2.8/PKG-INFO

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```
* /opt/cola/permits/2018969955_1716570595.1123645/0/idna-2-8-tar-gz/idna-2.8/LICENSE.rst
```

No license file was found, but licenses were detected in source scan.

```
"""
```

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

```
"""
```

```
import io, sys
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```

package_data = {}
exec(open('idna/package_data.py').read(), package_data)

arguments = {
    'name': 'idna',
    'packages': ['idna'],
    'version': package_data['__version__'],
    'description': 'Internationalized Domain Names in Applications (IDNA)',
    'long_description': io.open("README.rst", encoding="UTF-8").read(),
    'author': 'Kim Davies',
    'author_email': 'kim@cynosure.com.au',
    'license': 'BSD-like',
    'url': 'https://github.com/kjd/idna',
    'classifiers': [
        'Development Status :: 5 - Production/Stable',
        'Intended Audience :: Developers',
        'Intended Audience :: System Administrators',
        'License :: OSI Approved :: BSD License',
        'Operating System :: OS Independent',
        'Programming Language :: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.4',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Topic :: Internet :: Name Service (DNS)',
        'Topic :: Software Development :: Libraries :: Python Modules',
        'Topic :: Utilities',
    ],
    'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
    'test_suite': 'tests',
}

setup(**arguments)

if __name__ == '__main__':
    main()

```

Found in path(s):

* /opt/cola/permits/2018969955_1716570595.1123645/0/idna-2-8-tar-gz/idna-2.8/setup.py

1.343 python3-idna 2.8-1ubuntu0.1

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```
"""
```

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

```
"""
```

```
import io, sys
```

```
from setuptools import setup
```

```
def main():
```

```
    python_version = sys.version_info[:2]
```

```
    if python_version < (2,7):
```

```
        raise SystemExit("Sorry, Python 2.7 or newer required")
```

```
    package_data = { }
```

```
    exec(open('idna/package_data.py').read(), package_data)
```

```
    arguments = {
```

```
        'name': 'idna',
```

```
        'packages': ['idna'],
```

```
        'version': package_data['__version__'],
```

```
        'description': 'Internationalized Domain Names in Applications (IDNA)',
```

```
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
```

```
        'author': 'Kim Davies',
```

```
        'author_email': 'kim@cynosure.com.au',
```

```
        'license': 'BSD-like',
```

```
        'url': 'https://github.com/kjd/idna',
```

```
        'classifiers': [
```

```
            'Development Status :: 5 - Production/Stable',
```

```
            'Intended Audience :: Developers',
```

```
            'Intended Audience :: System Administrators',
```

```
            'License :: OSI Approved :: BSD License',
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```
            'Programming Language :: Python',
```

```
            'Programming Language :: Python :: 2',
```

```
            'Programming Language :: Python :: 2.7',
```

```
            'Programming Language :: Python :: 3',
```

```
            'Programming Language :: Python :: 3.4',
```

```
            'Programming Language :: Python :: 3.5',
```

```
            'Programming Language :: Python :: 3.6',
```

```
            'Topic :: Internet :: Name Service (DNS)',
```

```

    'Topic :: Software Development :: Libraries :: Python Modules',
    'Topic :: Utilities',
],
'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
'test_suite': 'tests',
}

setup(**arguments)

if __name__ == '__main__':
    main()

```

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Metadata-Version: 1.2

Name: idna

Version: 2.8

Summary: Internationalized Domain Names in Applications (IDNA)

Home-page: <https://github.com/kjd/idna>

Author: Kim Davies

Author-email: kim@cynosure.com.au

License: BSD-like

Description: Internationalized Domain Names in Applications (IDNA)

=====

Support for the Internationalised Domain Names in Applications (IDNA) protocol as specified in `RFC 5891 <<http://tools.ietf.org/html/rfc5891>>`_. This is the latest version of the protocol and is sometimes referred to as “IDNA 2008”.

This library also provides support for Unicode Technical Standard 46, `Unicode IDNA Compatibility Processing <<http://unicode.org/reports/tr46/>>`_.

This acts as a suitable replacement for the “encodings.idna” module that comes with the Python standard library, but only supports the old, deprecated IDNA specification (`RFC 3490 <<http://tools.ietf.org/html/rfc3490>>`_).

Basic functions are simply executed:

```
.. code-block:: pycon
```

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.
```

```
# Python 2
>>> import idna
>>> idna.encode(u'.')
'xn--eckwd4c7c.xn--zckzah'
>>> print idna.decode('xn--eckwd4c7c.xn--zckzah')
```

Packages

The latest tagged release version is published in the PyPI repository:

```
.. image:: https://badge.fury.io/py/idna.svg
   :target: http://badge.fury.io/py/idna
```

Installation

To install this library,
you can use pip:

```
.. code-block:: bash
```

```
$ pip install idna
```

Alternatively, you can install the package using the bundled setup script:

```
.. code-block:: bash
```

```
$ python setup.py install
```

This library works with Python 2.7 and Python 3.4 or later.

Usage

For typical usage, the ``encode`` and ``decode`` functions will take a domain name argument and perform a conversion to A-labels or U-labels respectively.

```
.. code-block:: pycon
```

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
```

You may use the codec encoding and decoding methods using the ``idna.codec`` module:

```
.. code-block:: pycon
```

```
# Python 2
>>> import idna.codec
>>> print u'.'.encode('idna')
xn--80ahd1agd.xn--80akhbyknj4f
>>> print 'xn--80ahd1agd.xn--80akhbyknj4f'.decode('idna')
```

Conversions can be applied at a per-label basis using the `ulabel` or `alabel` functions if necessary:

```
.. code-block:: pycon
```

```
# Python 2
>>> idna.alabel(u"
'xn--0zwm56d'
```

Compatibility Mapping (UTS #46)

```
+++++
```

As described in [RFC 5895](http://tools.ietf.org/html/rfc5895) [\(<http://tools.ietf.org/html/rfc5895>`_](http://tools.ietf.org/html/rfc5895), the IDNA specification no longer normalizes input from different potential ways a user may input a domain name. This functionality, known as a “mapping”, is now considered by the specification to be a local user-interface issue distinct from IDNA conversion functionality.

This library provides one such mapping, that was developed by the Unicode Consortium. Known as [Unicode IDNA Compatibility Processing](http://unicode.org/reports/tr46/) [\(<http://unicode.org/reports/tr46/>`_](http://unicode.org/reports/tr46/), it provides for both a regular mapping for typical applications, as well as a transitional mapping to help migrate from older IDNA 2003 applications.

For example, “Königsgäßchen” is not a permissible label as `*LATIN CAPITAL LETTER K*` is not allowed (nor are capital letters in general). UTS 46 will convert this into lower case prior to applying the IDNA conversion.

```
.. code-block:: pycon
```

```
# Python 3
>>> import idna
>>> idna.encode(u'Königsgäßchen')
...
idna.core.InvalidCodepoint: Codepoint U+004B at position 1 of 'Königsgäßchen' not allowed
>>> idna.encode('Königsgäßchen', uts46=True)
b'xn--knigsgchen-b4a3dun'
>>> print(idna.decode('xn--knigsgchen-b4a3dun'))
```

königsgäßchen

Transitional processing provides conversions to help transition from the older 2003 standard to the current standard. For example, in the original IDNA specification, the *LATIN SMALL LETTER SHARP S* (ß) was converted into two *LATIN SMALL LETTER S* (ss), whereas in the current IDNA specification this conversion is not performed.

.. code-block:: pycon

```
# Python 2
>>> idna.encode(u'Königsgäßchen', uts46=True, transitional=True)
'xn--knigsgsschen-lcb0w'
```

Implementors should use transitional processing with caution, only in rare cases where conversion from legacy labels to current labels must be performed (i.e. IDNA implementations that pre-date 2008). For typical applications that just need to convert labels, transitional processing is unlikely to be beneficial and could produce unexpected incompatible results.

```
`encodings.idna` Compatibility
+++++
```

Function calls from the Python built-in ``encodings.idna`` module are mapped to their IDNA 2008 equivalents using the ``idna.compat`` module. Simply substitute the ``import`` clause in your code to refer to the new module name.

Exceptions

All errors raised during the conversion following the specification should raise an exception derived from the ``idna.IDNAError`` base class.

More specific exceptions that may be generated as ``idna.IDNABidiError`` when the error reflects an illegal combination of left-to-right and right-to-left characters in a label; ``idna.InvalidCodepoint`` when a specific codepoint is an illegal character in an IDN label (i.e. INVALID); and ``idna.InvalidCodepointContext`` when the codepoint is illegal based on its positional context (i.e. it is CONTEXTO or CONTEXTJ but the contextual requirements are not satisfied.)

Building and Diagnostics

The IDNA and UTS 46 functionality relies upon pre-calculated lookup tables for performance. These tables are derived from computing against eligibility criteria

in the respective standards. These tables are computed using the command-line script `tools/idna-data`.

This tool will fetch relevant tables from the Unicode Consortium and perform the required calculations to identify eligibility. It has three main modes:

* `idna-data make-libdata`. Generates `idnadata.py` and `uts46data.py`, the pre-calculated lookup tables using for IDNA and UTS 46 conversions. Implementors who wish to track this library against a different Unicode version may use this tool to manually generate a different version of the `idnadata.py` and `uts46data.py` files.

* `idna-data make-table`. Generate a table of the IDNA disposition (e.g. PVALID, CONTEXTJ, CONTEXTO) in the format found in Appendix B.1 of RFC 5892 and the pre-computed tables published by IANA <<http://iana.org/>>.

* `idna-data U+0061`. Prints debugging output on the various properties associated with an individual Unicode codepoint (in this case, U+0061), that are used to assess the IDNA and UTS 46 status of a codepoint. This is helpful in debugging or analysis.

The tool accepts a number of arguments, described using `idna-data -h`. Most notably, the `--version` argument allows the specification of the version of Unicode to use in computing the table data. For example, `idna-data --version 9.0.0 make-libdata` will generate library data against Unicode 9.0.0.

Note that this script requires Python 3, but all generated library data will work in Python 2.7.

Testing

The library has a test suite based on each rule of the IDNA specification, as well as tests that are provided as part of the Unicode Technical Standard 46, 'Unicode IDNA Compatibility Processing' <<http://unicode.org/reports/tr46/>>.

The tests are run automatically on each commit at Travis CI:

```
.. image:: https://travis-ci.org/kjd/idna.svg?branch=master
   :target: https://travis-ci.org/kjd/idna
```

Platform: UNKNOWN

Classifier: Development Status :: 5 - Production/Stable

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: System Administrators

Classifier: License :: OSI Approved :: BSD License

Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python
Classifier: Programming Language
:: Python :: 2
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
Classifier: Topic :: Internet :: Name Service (DNS)
Classifier: Topic :: Software Development :: Libraries :: Python Modules
Classifier: Topic :: Utilities
Requires-Python: >=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*

Found in path(s):

* /opt/cola/permits/2019518169_1718955630.7987196/0/idna-2-8-tar-gz/idna-2.8/idna.egg-info/PKG-INFO
* /opt/cola/permits/2019518169_1718955630.7987196/0/idna-2-8-tar-gz/idna-2.8/PKG-INFO

1.344 glibc 2.31-0ubuntu9.16

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```
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```

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```
@end
smallexample
```

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```
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```

```
@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample
```

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1.350 fdisk 2.34-0.1ubuntu9.6

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This is free software, and you are welcome to redistribute
it
under certain conditions; type `show c' for details.
```

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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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```
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```

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lost+found...

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./0123456789;:<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@
WEV[B "1

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1.351 libapt-pkg 2.0.10

1.351.1 Available under license :

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Desired=Unknown/Install/Remove/Purge/Hold

| Status=Not/Inst/Conf-files/Unpacked/half-conf/Half-inst/trig-aWait/Trig-pend

/ Err?=(none)/Reinst-required (Status,Err: uppercase=bad)

// Name

Version

Architecture Description

+++-----

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ii	ally-profile-manager-indicator	0.1.10-0ubuntu3	amd64	Accessibility Profile Manager - Unity desktop indicator
ii	account-plugin-facebook	0.12+16.04.20160126-0ubuntu1	all	GNOME Control Center account plugin for single signon - facebook
ii	account-plugin-flickr	0.12+16.04.20160126-0ubuntu1	all	GNOME Control Center account plugin for single signon - flickr
ii	account-plugin-google	0.12+16.04.20160126-0ubuntu1	all	GNOME Control Center account plugin for single signon
ii	accountsservice	0.6.40-2ubuntu11.3	amd64	query and manipulate user account information
ii	acl	2.2.52-3	amd64	Access control list utilities
ii	acpi-support	0.142	amd64	scripts for handling many ACPI events
ii	acpid	1:2.0.26-1ubuntu2	amd64	Advanced Configuration and Power Interface event daemon
ii	activity-log-manager	0.9.7-0ubuntu23	amd64	blacklist configuration user interface for Zeitgeist
ii	adduser	3.113+nmu3ubuntu4	all	add and remove users and groups
ii	adium-theme-ubuntu	0.3.4-0ubuntu1.1	all	Adium message style for Ubuntu
ii	adwaita-icon-theme	3.18.0-2ubuntu3.1	all	default icon theme of GNOME (small subset)
ii	aisleriot	1:3.18.2-1ubuntu1	amd64	GNOME solitaire card game collection
ii	alsa-base	1.0.25+dfsg-0ubuntu5	all	ALSA driver configuration files
ii	alsa-utils			

1.1.0-0ubuntu5	amd64	Utilities for configuring and using ALSA		
ii anacron doesn't go by time	2.3-23		amd64	cron-like program that
ii ant	1.9.6-1ubuntu1		all	Java based build tool like make
ii ant-optional make - optional libraries	1.9.6-1ubuntu1		all	Java based build tool like
ii apg Generator - Standalone version	2.2.3.dfsg.1-2ubuntu1		amd64	Automated Password
ii app-install-data files)	15.10		all	Ubuntu applications (data
ii app-install-data-partner 16.04		all		Application Installer (data files for partner applications/repositories)
ii apparmor utility for AppArmor	2.10.95-0ubuntu2.5		amd64	user-space parser
ii appmenu-qt:amd64 menu for Qt	0.2.7+14.04.20140305-0ubuntu2		amd64	application
ii appmenu-qt5 menu for Qt5	0.3.0+16.04.20151130-0ubuntu1		amd64	application
ii apport reports for debugging	2.20.1-0ubuntu2.5		all	automatically generate crash
ii apport-gtk apport crash report system	2.20.1-0ubuntu2.5		all	GTK+ frontend for the
ii apport-symptoms	0.20			
		all		symptom scripts for apport
ii appstream index	0.9.4-1ubuntu2		amd64	Software component
ii apt	1.2.18		amd64	commandline package manager
ii apt-transport-https for APT	1.2.18		amd64	https download transport
ii apt-utils utility programs	1.2.18		amd64	package management related
ii aptdaemon package management service	1.1.1+bzr982-0ubuntu14		all	transaction based
ii aptdaemon-data files for clients	1.1.1+bzr982-0ubuntu14		all	data
ii apturl apt protocol - GTK+ frontend	0.5.2ubuntu11.1		amd64	install packages using the
ii apturl-common the apt protocol - common data	0.5.2ubuntu11.1		amd64	install packages using
ii aspell checker	0.60.7~20110707-3build1		amd64	GNU Aspell spell-
ii aspell-en Aspell	7.1-0-1.1		all	English dictionary for GNU
ii asymptote language inspired by MetaPost	2.37-1		amd64	script-based vector graphics
ii asymptote-doc and examples for asymptote	2.37-1		all	documentation
ii at-spi2-core	2.18.3-4ubuntu1		amd64	Assistive Technology

Service Provider Interface (dbus core)

ii atom	1.8.0	amd64	A hackable text editor for the 21st Century.
ii autotools-dev	20150820.1	all	Update infrastructure for config.{guess,sub} files
ii avahi-autoipd	0.6.32~rc+dfsg-1ubuntu2	amd64	Avahi IPv4LL network address configuration daemon
ii avahi-daemon	0.6.32~rc+dfsg-1ubuntu2	amd64	Avahi mDNS/DNS-SD daemon
ii avahi-utils	0.6.32~rc+dfsg-1ubuntu2	amd64	Avahi browsing, publishing and discovery utilities
ii bamfdaemon	0.5.3~bZR0+16.04.20160824-0ubuntu1	amd64	Window matching library - daemon
ii baobab	3.18.1-1ubuntu1	amd64	GNOME disk usage analyzer
ii base-files	9.4ubuntu4.3	amd64	Debian base system miscellaneous files
ii base-passwd	3.5.39	amd64	Debian base system master password and group files
ii bash	4.3-14ubuntu1.1	amd64	GNU Bourne Again SHell
ii bash-completion	1:2.1-4.2ubuntu1.1	all	programmable completion for the bash shell
ii bc	1.06.95-9build1	amd64	GNU bc arbitrary precision calculator language
ii bind9-host	1:9.10.3.dfsg.P4-8ubuntu1.4	amd64	Version of 'host' bundled with BIND 9.X
ii binfmt-support	2.1.6-1	amd64	Support for extra binary formats
ii binutils	2.26.1-1ubuntu1~16.04.3	amd64	GNU assembler, linker and binary utilities
ii bison	2:3.0.4.dfsg-1	amd64	YACC-compatible parser generator
ii blt	2.5.3+dfsg-3	amd64	graphics extension library for Tcl/Tk - run-time
ii bluez	5.37-0ubuntu5	amd64	Bluetooth tools and daemons
ii bluez-cups	5.37-0ubuntu5	amd64	Bluetooth printer driver for CUPS
ii bluez-obexd	5.37-0ubuntu5	amd64	bluez obex daemon
ii brackets	1.8.0libgcript11-17108+1~webupd8~0	amd64	Brackets
ii branding-ubuntu	0.8	all	Replacement artwork with Ubuntu branding
ii brltty	5.3.1-2ubuntu2.1	amd64	Access software for a blind person using a braille display
ii bsdmainutils	9.0.6ubuntu3	amd64	collection of more utilities from FreeBSD
ii bsdtails	1:2.27.1-6ubuntu3.2	amd64	basic utilities from

4.4BSD-Lite				
ii	build-essential	12.1ubuntu2	amd64	Informational list of
	build-essential packages			
ii	busybox-initramfs	1:1.22.0-15ubuntu1	amd64	Standalone shell
	setup for initramfs			
ii	busybox-static	1:1.22.0-15ubuntu1	amd64	Standalone rescue
	shell with tons of builtin utilities			
ii	byacc	20140715-1	amd64	public domain Berkeley
	LALR Yacc parser generator			
ii	bzip2	1.0.6-8		
	amd64	high-quality block-sorting file compressor - utilities		
ii	ca-certificates	20160104ubuntu1	all	Common CA certificates
ii	ca-certificates-mono	4.2.1.102+dfsg2-7ubuntu4	all	Common CA
	certificates (Mono keystore)			
ii	ccache	3.2.4-1	amd64	Compiler cache for fast
	recompilation of C/C++ code			
ii	checkbox-converged	1.2.4-0ubuntu1	all	testing tool for all
	Ubuntu devices			
ii	checkbox-gui	1.2.4-0ubuntu1	all	QML based interface for
	checkbox (transitional package)			
ii	checkinstall	1.6.2-4ubuntu1		
	amd64	installation tracker		
ii	cheese	3.18.1-2ubuntu3	amd64	tool to take pictures and
	videos from your webcam			
ii	cheese-common	3.18.1-2ubuntu3	all	Common files for the
	Cheese tool to take pictures and videos			
ii	chromium-codecs-ffmpeg-extra	55.0.2883.87-0ubuntu0.16.04.1263	amd64	Extra
	ffmpeg codecs for the Chromium Browser			
ii	clang	1:3.8-33ubuntu3.1	amd64	C, C++ and Objective-C
	compiler (LLVM based)			
ii	clang-3.8	1:3.8-2ubuntu4	amd64	C, C++ and Objective-C
	compiler (LLVM based)			
ii	cli-common	0.9+nmu1		
	all	common files between all CLI packages		
ii	cli-common-dev	0.9+nmu1	all	common files for building
	CLI packages			
ii	cmake	3.5.1-1ubuntu3	amd64	cross-platform, open-
	source make system			
ii	cmake-curses-gui	3.5.1-1ubuntu3	amd64	curses based user
	interface for CMake (cmake)			
ii	cmake-data	3.5.1-1ubuntu3	all	CMake data files
	(modules, templates and documentation)			
ii	colord	1.2.12-1ubuntu1	amd64	system service to manage
	device colour profiles -- system daemon			
ii	colord-data	1.2.12-1ubuntu1	all	system service to manage device colour profiles -- data files
ii	command-not-found	0.3ubuntu16.04.2	all	Suggest installation
	of packages in interactive bash sessions			

ii command-not-found-data for command-not-found.	0.3ubuntu16.04.2	amd64	Set of data files
ii compiz and compositing manager	1:0.9.12.2+16.04.20160823-0ubuntu1	all	OpenGL window
ii compiz-core window and compositing manager	1:0.9.12.2+16.04.20160823-0ubuntu1	amd64	OpenGL
ii compiz-gnome window and compositing manager - GNOME window decorator	1:0.9.12.2+16.04.20160823-0ubuntu1	amd64	OpenGL
ii compiz-plugins-default:amd64 manager - default plugins	1:0.9.12.2+16.04.20160823-0ubuntu1	amd64	OpenGL window and compositing
ii compizconfig-settings-manager configuration settings manager	1:0.9.12.2+16.04.20160823-0ubuntu1	all	Compiz
ii console-setup setup program	1.108ubuntu15.2	all	console font and keymap
ii console-setup-linux console-setup	1.108ubuntu15.2	all	Linux specific part of
ii coreutils	8.25-2ubuntu2	amd64	GNU core utilities
ii cpio to manage archives of files	2.11+dfsg-5ubuntu1	amd64	GNU cpio -- a program
ii cpp 4:5.3.1-1ubuntu1	amd64	GNU C preprocessor (cpp)	
ii cpp-4.9	4.9.3-13ubuntu2	amd64	GNU C preprocessor
ii cpp-5	5.4.0-6ubuntu1~16.04.4	amd64	GNU C preprocessor
ii cracklib-runtime password checker library cracklib2	2.9.2-1build2	amd64	runtime support for
ii crda Domain Agent	3.13-1	amd64	wireless Central Regulatory
ii cron daemon	3.0p11-128ubuntu2	amd64	process scheduling
ii cryptsetup disk encryption support - startup scripts	2:1.6.6-5ubuntu2	amd64	
ii cryptsetup-bin support - command line tools	2:1.6.6-5ubuntu2	amd64	disk encryption
ii cups System(tm) - PPD/driver support, web interface	2.1.3-4	amd64	Common UNIX Printing
ii cups-backend-bjnp Canon BJNP protocol	2.0-0ubuntu2	amd64	printer backend for
ii cups-browsed Filters - cups-browsed	1.8.3-2ubuntu3.1	amd64	OpenPrinting CUPS
ii cups-bsd System(tm) - BSD commands	2.1.3-4	amd64	Common UNIX Printing
ii cups-client amd64 Common UNIX Printing System(tm) - client programs (SysV)	2.1.3-4	all	Common UNIX Printing
ii cups-common System(tm) - common files	2.1.3-4	amd64	Common UNIX Printing
ii cups-core-drivers System(tm) - PPD-less printing	2.1.3-4	amd64	Common UNIX Printing

ii cups-daemon System(tm) - daemon	2.1.3-4	amd64	Common UNIX Printing
ii cups-filters Filters - Main Package	1.8.3-2ubuntu3.1	amd64	OpenPrinting CUPS
ii cups-filters-core-drivers Filters - PPD-less printing	1.8.3-2ubuntu3.1	amd64	OpenPrinting CUPS
ii cups-pk-helper amd64 PolicyKit helper to configure cups with fine-grained privileges	0.2.5-2ubuntu2		
ii cups-ppdc System(tm) - PPD manipulation utilities	2.1.3-4	amd64	Common UNIX Printing
ii cups-server-common System(tm) - server common files	2.1.3-4	all	Common UNIX Printing
ii curl transferring data with URL syntax	7.47.0-1ubuntu2.2	amd64	command line tool for
ii dash	0.5.8-2.1ubuntu2	amd64	POSIX-compliant shell
ii dbus messaging system (daemon and utilities)	1.10.6-1ubuntu3.3	amd64	simple interprocess
ii dbus-x11 (X11 deps)	1.10.6-1ubuntu3.3	amd64	simple interprocess messaging system
ii dc reverse-polish calculator	1.06.95-9build1	amd64	GNU dc arbitrary precision
ii dconf-cli system - utilities	0.24.0-2	amd64	simple configuration storage
ii dconf-gsettings-backend:amd64 configuration storage system - GSettings back-end	0.24.0-2	amd64	simple
ii dconf-gsettings-backend:i386 storage system - GSettings back-end	0.24.0-2	i386	simple configuration
ii dconf-service storage system - D-Bus service	0.24.0-2	amd64	simple configuration
ii debconf management system	1.5.58ubuntu1	all	Debian configuration
ii debconf-i18n support for debconf	1.5.58ubuntu1	all	full internationalization
ii debhelper debian/rules	9.20160115ubuntu3	all	helper programs for
ii debianutils specific to Debian	4.7	amd64	Miscellaneous utilities
ii deja-dup	34.2-0ubuntu1.1	amd64	Back up your files
ii deja-dup-backend-gvfs support for Déjà Dup	34.2-0ubuntu1.1	all	Remote server
ii desktop-file-utils	0.22-1ubuntu5	amd64	Utilities for .desktop files
ii dh-python packaging Python libraries and applications	2.20151103ubuntu1.1	all	Debian helper tools for
ii dh-strip-nondeterminism non-determinism from files	0.015-1	all	debhelper add-on to strip
ii dictionaries-common	1.26.3	all	spelling dictionaries -

common utilities			
ii diffstat	1.61-1	amd64	produces graph of changes introduced by a diff file
ii diffutils	1:3.3-3	amd64	File comparison utilities
ii dirmngr	2.1.11-6ubuntu2	amd64	server for managing certificate revocation lists
ii distro-info-data	0.28ubuntu0.2	all	information about the distributions' releases (data files)
ii dmidecode	3.0-2ubuntu0.1	amd64	SMBIOS/DMI table decoder
ii dmsetup	2:1.02.110-1ubuntu10	amd64	Linux Kernel Device Mapper userspace library
ii dmz-cursor-theme	0.4.4ubuntu1	all	Style neutral, scalable cursor theme
ii dns-root-data	2015052300+h+1	all	DNS root data including root zone and DNSSEC key
ii dnsmasq-base	2.75-1ubuntu0.16.04.1	amd64	Small caching DNS proxy and DHCP/TFTP server
ii dnsutils	1:9.10.3.dfsg.P4-8ubuntu1.4	amd64	Clients provided with BIND
ii doc-base	0.10.7	all	utilities to manage online documentation
ii docutils-common	0.12+dfsg-1	all	text processing system for reStructuredText - common data
ii docutils-doc	0.12+dfsg-1	all	text processing system for reStructuredText - documentation
ii dosfstools	3.0.28-2ubuntu0.1	amd64	utilities for making and checking MS-DOS FAT filesystems
ii dpkg	1.18.4ubuntu1.1	amd64	Debian package management system
ii dpkg-dev	1.18.4ubuntu1.1	all	Debian package development tools
ii dropbox	2015.10.28	amd64	cloud synchronization engine - CLI and Nautilus extension
ii duplicity	0.7.06-2ubuntu2	amd64	encrypted bandwidth-efficient backup
ii e2fslibs:amd64	1.42.13-1ubuntu1	amd64	ext2/ext3/ext4 file system libraries
ii e2fsprogs	1.42.13-1ubuntu1	amd64	ext2/ext3/ext4 file system utilities
ii ecryptfs-utils	1:1.1-0ubuntu1.1	amd64	ecryptfs cryptographic filesystem (utilities)
ii ed	1.10-2	amd64	classic UNIX line editor
ii efibootmgr	0.12-4	amd64	Interact with the EFI Boot

Manager				
ii eject	2.1.5+deb1+cvs20081104-13.1	amd64	ejects CDs and	
operates CD-Changers under Linux				
ii emacs-common	2.0.8	all	Common facilities for all	
emacs				
ii enchant:i386	1.6.0-10.1build2	i386	Wrapper for various spell	
checker engines (binary programs)				
ii eog	3.18.2-1ubuntu2.1	amd64	Eye of GNOME graphics viewer	
program				
ii espeak-data:amd64	1.48.04+dfsg-2	amd64	Multi-lingual	
software speech synthesizer: speech data files				
ii ethtool	1:4.5-1	amd64	display or change Ethernet	
device settings				
ii evince	3.18.2-1ubuntu4	amd64	Document (PostScript,	
PDF) viewer				
ii evince-common	3.18.2-1ubuntu4	all	Document (PostScript,	
PDF) viewer - common files				
ii evolution-data-server	3.18.5-1ubuntu1	amd64	evolution database	
backend server				
ii evolution-data-server-common	3.18.5-1ubuntu1	all	architecture independent files for Evolution Data	
Server				
ii evolution-data-server-online-accounts	3.18.5-1ubuntu1	amd64	evolution	
data server integration with Ubuntu Online Accounts				
ii example-content	49	all	Ubuntu example content	
ii exuberant-ctags	1:5.9~svn20110310-11	amd64	build tag file	
indexes of source code definitions				
ii fakeroot	1.20.2-1ubuntu1	amd64	tool for simulating	
superuser privileges				
ii file	1:5.25-2ubuntu1	amd64	Determines file type using	
"magic" numbers				
ii file-roller	3.16.5-0ubuntu1.2	amd64	archive manager for GNOME	
ii findutils	4.6.0+git+20160126-2	amd64	utilities for finding	
files--find, xargs				
ii firefox	51.0.1+build2-0ubuntu0.16.04.2	amd64	Safe and easy web	
browser from Mozilla				
ii firefox-locale-en	51.0.1+build2-0ubuntu0.16.04.2	amd64	English	
language pack for Firefox				
ii firefox-locale-it	51.0.1+build2-0ubuntu0.16.04.2	amd64	Italian language	
pack for Firefox				
ii flashplugin-installer	24.0.0.194ubuntu0.16.04.1	amd64	Adobe Flash	
Player plugin installer				
ii flex	2.6.0-11	amd64	fast lexical analyzer generator	
ii fontconfig	2.11.94-0ubuntu1.1	amd64	generic font	
configuration library - support binaries				

ii fontconfig-config configuration library - configuration	2.11.94-0ubuntu1.1	all	generic font
ii fonts-dejavu-core with additional characters	2.35-1	all	Vera font family derivate
ii fonts-font-awesome use with Twitter Bootstrap	4.5.0~dfsg-1	all	iconic font designed for
ii fonts-freefont-ttf Mono Truetype fonts	20120503-4	all	Freefont Serif, Sans and
ii fonts-guru 2:1.2	all		Meta package to install all Punjabi fonts
ii fonts-guru-extra language	2.0-3	all	Free fonts for Punjabi
ii fonts-kacst Arabic fonts	2.01+mry-12	all	KACST free TrueType
ii fonts-kacst-one for Arabic language	5.0+svn11846-7	all	TrueType font designed
ii fonts-khmeros-core for the Khmer language of Cambodia	5.0-7ubuntu1	all	KhmerOS Unicode fonts
ii fonts-lao language	0.0.20060226-9	all	TrueType font for Lao
ii fonts-lato 2.0-1	all		sans-serif typeface family font
ii fonts-liberation as Times, Arial and Courier	1.07.4-1	all	Fonts with the same metrics
ii fonts-lklug-sinhala Lanka Linux User Group	0.6-3	all	Unicode Sinhala font by
ii fonts-lmodern Computer Modern	2.004.5-1	all	OpenType fonts based on
ii fonts-lohit-guru Punjabi Language	2.5.3-2	all	Lohit TrueType font for
ii fonts-lyx fonts used by LyX	2.1.4-2	all	TrueType versions of some TeX
ii fonts-nanum 20140930-1	all		Nanum Korean fonts
ii fonts-noto-cjk families with large Unicode coverage (CJK)	1:1.004+repack2-1~ubuntu1	all	"No Tofu" font
ii fonts-opensymbol TrueType font	2:102.7+LibO5.1.4-0ubuntu1	all	OpenSymbol
ii fonts-sil-abyssinica Ethiopian and Erythrean scripts (Amharic et al.)	1.500-1	all	smart Unicode font for
ii fonts-sil-padauk languages in Myanmar	2.80-2	all	smart Unicode font for
ii fonts-stix Information eXchange fonts	1.1.1-4	all	Scientific and Technical
ii fonts-symbola 2.59-1	all		symbolic font providing emoji characters from Unicode 7.0
ii fonts-takao-pgothic font set, Takao P Gothic Fonts	003.02.01-9ubuntu3	all	Japanese TrueType

ii fonts-texgyre URW Fonts	20150923-1	all	OpenType fonts based on
ii fonts-thai-tlwg TLWG (metapackage)	1:0.6.2-2.1	all	Thai fonts maintained by
ii fonts-tibetan-machine Dzongkha and Ladakhi (OpenType Unicode)	1.901b-5	all	font for Tibetan,
ii fonts-tlwg-garuda (dependency package)	1:0.6.2-2.1	all	Thai Garuda font
ii fonts-tlwg-garuda-ttf 1:0.6.2-2.1	all		Thai Garuda TrueType font
ii fonts-tlwg-kinnari (dependency package)	1:0.6.2-2.1	all	Thai Kinnari font
ii fonts-tlwg-kinnari-ttf font	1:0.6.2-2.1	all	Thai Kinnari TrueType
ii fonts-tlwg-laksaman (dependency package)	1:0.6.2-2.1	all	Thai Laksaman font
ii fonts-tlwg-laksaman-ttf font	1:0.6.2-2.1	all	Thai Laksaman TrueType
ii fonts-tlwg-loma (dependency package)	1:0.6.2-2.1	all	Thai Loma font
ii fonts-tlwg-loma-ttf all	1:0.6.2-2.1		Thai Loma TrueType font
ii fonts-tlwg-mono (dependency package)	1:0.6.2-2.1	all	Thai TlwgMono font
ii fonts-tlwg-mono-ttf font	1:0.6.2-2.1	all	Thai TlwgMono TrueType
ii fonts-tlwg-norasi (dependency package)	1:0.6.2-2.1	all	Thai Norasi font
ii fonts-tlwg-norasi-ttf	1:0.6.2-2.1	all	Thai Norasi TrueType font
ii fonts-tlwg-purisa (dependency package)	1:0.6.2-2.1	all	Thai Purisa font
ii fonts-tlwg-purisa-ttf	1:0.6.2-2.1	all	Thai Purisa TrueType font
ii fonts-tlwg-sawasdee 1:0.6.2-2.1	all		Thai Sawasdee font (dependency package)
ii fonts-tlwg-sawasdee-ttf font	1:0.6.2-2.1	all	Thai Sawasdee TrueType
ii fonts-tlwg-typewriter (dependency package)	1:0.6.2-2.1	all	Thai TlwgTypewriter font
ii fonts-tlwg-typewriter-ttf TrueType font	1:0.6.2-2.1	all	Thai TlwgTypewriter
ii fonts-tlwg-typist (dependency package)	1:0.6.2-2.1	all	Thai TlwgTypist font
ii fonts-tlwg-typist-ttf font	1:0.6.2-2.1	all	Thai TlwgTypist TrueType
ii fonts-tlwg-typo 1:0.6.2-2.1	all		Thai TlwgTypo font (dependency package)
ii fonts-tlwg-typo-ttf font	1:0.6.2-2.1	all	Thai TlwgTypo TrueType

ii fonts-tlwg-umpush (dependency package)	1:0.6.2-2.1	all	Thai Umpush font
ii fonts-tlwg-umpush-ttf font	1:0.6.2-2.1	all	Thai Umpush TrueType font
ii fonts-tlwg-waree (dependency package)	1:0.6.2-2.1	all	Thai Waree font
ii fonts-tlwg-waree-ttf	1:0.6.2-2.1	all	Thai Waree TrueType font
ii foomatic-db-compressed-ppds printer support - Compressed PPDs derived from the database	20160212-0ubuntu1	all	OpenPrinting
ii fortune-mod on demand	1:1.99.1-7	amd64	provides fortune cookies
ii fortunes-min fortune cookies	1:1.99.1-7	all	Data files containing selected fortune cookies
ii freeglut3:amd64	2.8.1-2	amd64	OpenGL Utility Toolkit
ii freepats synthesis	20060219-1	all	Free patch set for MIDI audio
ii friendly-recovery friendly	0.2.31	all	Make recovery more user-friendly
ii ftp client	0.17-33	amd64	classical file transfer
ii fuse	2.9.4-1ubuntu3.1	amd64	Filesystem in Userspace
ii fwupd	0.7.0-0ubuntu4.3	amd64	Firmware update daemon
ii fwupdate firmware updates	0.5-2ubuntu4	amd64	Tools to manage UEFI
ii fwupdate-signed Updater EFI signed binary	1.11+0.5-2ubuntu4	amd64	Linux Firmware
ii g++	4:5.3.1-1ubuntu1	amd64	GNU C++ compiler
ii g++-4.9	4.9.3-13ubuntu2	amd64	GNU C++ compiler
ii g++-5 amd64 GNU C++ compiler	5.4.0-6ubuntu1~16.04.4		
ii gcc	4:5.3.1-1ubuntu1	amd64	GNU C compiler
ii gcc-4.9	4.9.3-13ubuntu2	amd64	GNU C compiler
ii gcc-4.9-base:amd64 Compiler Collection (base package)	4.9.3-13ubuntu2	amd64	GCC, the GNU
ii gcc-5	5.4.0-6ubuntu1~16.04.4	amd64	GNU C compiler
ii gcc-5-base:amd64 Compiler Collection (base package)	5.4.0-6ubuntu1~16.04.4	amd64	GCC, the GNU
ii gcc-5-base:i386 Compiler Collection (base package)	5.4.0-6ubuntu1~16.04.4	i386	GCC, the GNU
ii gcc-6-base:amd64 (base package)	6.0.1-0ubuntu1	amd64	GCC, the GNU Compiler Collection
ii gcc-6-base:i386 Compiler Collection (base package)	6.0.1-0ubuntu1	i386	GCC, the GNU
ii gconf-service database system (D-Bus service)	3.2.6-3ubuntu6	amd64	GNOME configuration
ii gconf-service-backend configuration database system (D-Bus service)	3.2.6-3ubuntu6	amd64	GNOME

ii gconf2 database system (support tools)	3.2.6-3ubuntu6	amd64	GNOME configuration
ii gconf2-common database system (common files)	3.2.6-3ubuntu6	all	GNOME configuration
ii gcr (daemon and tools)	3.18.0-1ubuntu1	amd64	GNOME crypto services
ii gdb	7.11.1-0ubuntu1~16.04	amd64	GNU Debugger
ii gdbserver (remote server)	7.11.1-0ubuntu1~16.04	amd64	GNU Debugger
ii gdisk partitioning tool	1.0.1-1build1	amd64	GPT fdisk text-mode
ii gedit GNOME desktop environment	3.18.3-0ubuntu4	amd64	official text editor of the
ii gedit-common GNOME desktop environment (support files)	3.18.3-0ubuntu4	all	official text editor of the
ii genisoimage ROM filesystem images	9:1.1.11-3ubuntu1	amd64	Creates ISO-9660 CD-
ii geoclue framework	0.12.99-4ubuntu1	amd64	Geographic information
ii geoclue-ubuntu-geoip positioning for GeoClue via Ubuntu GeoIP services	1.0.2+14.04.20131125-0ubuntu2	amd64	Provide
ii geogebra software for education	4.0.34.0+dfsg1-3	all	Dynamic mathematics
ii geoip-database tools that use the GeoIP library (country database)	20160408-1	all	IP lookup command line
ii gettext utilities	0.19.7-2ubuntu3	amd64	GNU Internationalization
ii gettext-base Internationalization utilities for the base system	0.19.7-2ubuntu3	amd64	GNU
ii gfortran compiler	4:5.3.1-1ubuntu1	amd64	GNU Fortran 95
ii gfortran-5 compiler	5.4.0-6ubuntu1~16.04.4	amd64	GNU Fortran
ii ghostscript PostScript language and for PDF	9.18~dfsg~0-0ubuntu2.3	amd64	interpreter for the
ii ghostscript-x PostScript language and for PDF - X11 support	9.18~dfsg~0-0ubuntu2.3	amd64	interpreter for the
ii gir1.2-accounts-1.0:amd64 file for libaccounts-glib0	1.21+16.04.20160222-0ubuntu1	amd64	typelib
ii gir1.2-appindicator3-0.1 files for libappindicator3-1.	12.10.1+15.04.20141110-0ubuntu1	amd64	Typelib
ii gir1.2-atk-1.0 (GObject introspection)	2.18.0-1	amd64	ATK accessibility toolkit
ii gir1.2-atspi-2.0 Service Provider (GObject introspection)	2.18.3-4ubuntu1	amd64	Assistive Technology

ii gir1.2-dbusmenu-glib-0.4:amd64 typelib file for libdbusmenu-glib4	16.04.1+16.04.20160927-0ubuntu1	amd64	
ii gir1.2-dee-1.0 introspection data for the Dee library	1.2.7+15.04.20150304-0ubuntu2	amd64	GObject
ii gir1.2-freedesktop:amd64 data for some FreeDesktop components	1.46.0-3ubuntu1	amd64	Introspection
ii gir1.2-gdata-0.0:amd64 data for the GData webservices library	0.17.4-1	amd64	GObject introspection
ii gir1.2-gdkpixbuf-2.0:amd64 library - GObject-Introspection	2.32.2-1ubuntu1.2	amd64	GDK Pixbuf
ii gir1.2-glib-2.0:amd64 for GLib, GObject, Gio and GModule	1.46.0-3ubuntu1	amd64	Introspection data
ii gir1.2-gnomekeyring-1.0 services library - introspection data	3.12.0-1build1	amd64	GNOME keyring
ii gir1.2-goa-1.0:amd64 for GNOME Online Accounts	3.18.3-1ubuntu2	amd64	Introspection data
ii gir1.2-gst-plugins-base-1.0 amd64	1.8.2-1ubuntu0.2		GObject introspection data for the GStreamer Plugins Base library
ii gir1.2-gstreamer-1.0 introspection data for the GStreamer library	1.8.2-1~ubuntu1	amd64	GObject
ii gir1.2-gtk-2.0 interface library -- gir bindings	2.24.30-1ubuntu1	amd64	GTK+ graphical user
ii gir1.2-gtk-3.0:amd64 user interface library -- gir bindings	3.18.9-1ubuntu3.1	amd64	GTK+ graphical
ii gir1.2-gtksource-3.0:amd64 GTK+ syntax highlighting widget	3.18.2-1	amd64	gir files for the
ii gir1.2-gudev-1.0:amd64 introspection data	1:230-2	amd64	libgudev-1.0
ii gir1.2-ibus-1.0:amd64 1.5.11-1ubuntu2		amd64	Intelligent Input Bus - introspection data
ii gir1.2-javascriptcoregtk-4.0:amd64 engine library from WebKitGTK+ - GObject introspection data	2.14.3-0ubuntu0.16.04.1	amd64	JavaScript
ii gir1.2-json-1.0:amd64 manipulation library (introspection data)	1.1.2-0ubuntu1	amd64	GLib JSON
ii gir1.2-notify-0.7 notifications to a notification daemon (Introspection files)	0.7.6-2svn1	amd64	sends desktop
ii gir1.2-packagekitglib-1.0 introspection data for the PackageKit GLib library	0.8.17-4ubuntu6~gcc5.4ubuntu1.1	amd64	GObject
ii gir1.2-pango-1.0:amd64 and rendering of internationalized text - gir bindings	1.38.1-1	amd64	Layout
ii gir1.2-peas-1.0:amd64 library (introspection files)	1.16.0-1ubuntu2	amd64	Application plugin
ii gir1.2-rb-3.0:amd64 introspection data for the rhythmbox music player	3.3-1ubuntu7	amd64	GObject
ii gir1.2-secret-1:amd64 (GObject-Introspection)	0.18.4-1ubuntu2	amd64	Secret store
ii gir1.2-signon-1.0 introspection data for the Signon library	1.13+16.04.20151209.1-0ubuntu1	amd64	GObject

ii gir1.2-soup-2.4 data for the libsoup HTTP library	2.52.2-1ubuntu0.1	amd64	GObject introspection
ii gir1.2-totem-1.0:amd64 amd64 GObject introspection data for Totem media player	3.18.1-1ubuntu4		
ii gir1.2-totem-plparser-1.0:amd64 introspection data for the Totem Playlist Parser library	3.10.6-1ubuntu1	amd64	GObject
ii gir1.2-udisks-2.0:amd64 library to access udisks2 - introspection data	2.1.7-1ubuntu1	amd64	GObject based
ii gir1.2-unity-5.0:amd64 introspection data for the Unity library	7.1.4+16.04.20160701-0ubuntu1	amd64	GObject
ii gir1.2-vte-2.91:amd64 introspection data for the VTE library	0.42.5-1ubuntu1	amd64	GObject
ii gir1.2-webkit2-4.0:amd64 engine library for GTK+ - GObject introspection data	2.14.3-0ubuntu0.16.04.1	amd64	Web content
ii gir1.2-wnck-3.0:amd64 data for the WNCK library	3.14.1-2	amd64	GObject introspection
ii git revision control system	1:2.7.4-0ubuntu1	amd64	fast, scalable, distributed
ii git-man revision control system (manual pages)	1:2.7.4-0ubuntu1	all	fast, scalable, distributed
ii gkbd-capplet tools for libgnomekbd	3.6.0-1ubuntu2	amd64	GNOME control center
ii glib-networking:amd64 related giomodules for GLib	2.48.2-1~ubuntu16.04.1	amd64	network-
ii glib-networking:i386 giomodules for GLib	2.48.2-1~ubuntu16.04.1	i386	network-related
ii glib-networking-common giomodules for GLib - data files	2.48.2-1~ubuntu16.04.1	all	network-related
ii glib-networking-services giomodules for GLib - D-Bus services	2.48.2-1~ubuntu16.04.1	amd64	network-related
ii gnome-accessibility-themes themes for the GNOME desktop	3.18.0-2ubuntu1	all	Accessibility
ii gnome-bluetooth tools	3.18.2-1ubuntu2	amd64	GNOME Bluetooth
ii gnome-calculator calculator	1:3.18.3-0ubuntu1.16.04.1	amd64	GNOME desktop
ii gnome-calendar for GNOME	3.20.4-0ubuntu0.1	amd64	Calendar application
ii gnome-desktop3-data 3.18.2-1ubuntu1	all		Common files for GNOME desktop apps
ii gnome-disk-utility configure disk drives and media	3.18.3.1-1ubuntu1	amd64	manage and
ii gnome-font-viewer GNOME	3.16.2-1ubuntu1	amd64	font viewer for
ii gnome-keyring services (daemon and tools)	3.18.3-0ubuntu2	amd64	GNOME keyring

ii	gnome-mahjongg game for GNOME	1:3.18.0-1	amd64	classic Eastern tile
ii	gnome-menus implementation of the freedesktop menu specification	3.13.3-6ubuntu3.1	amd64	GNOME
ii	gnome-mines 1:3.18.2-2	amd64	popular minesweeper puzzle game for GNOME	
ii	gnome-orca	3.18.2-1ubuntu3	all	Scriptable screen reader
ii	gnome-power-manager management tool for the GNOME desktop	3.18.0-1ubuntu1	amd64	power
ii	gnome-screensaver saver and locker	3.6.1-7ubuntu4	amd64	GNOME screen
ii	gnome-screenshot application for GNOME	3.18.0-1ubuntu2	amd64	screenshot
ii	gnome-session-bin Session Manager - Minimal runtime	3.18.1.2-1ubuntu1.16.04.2	amd64	GNOME
ii	gnome-session-canberra amd64	0.30-2.1ubuntu1		GNOME session log in and log out sound events
ii	gnome-session-common Session Manager - common files	3.18.1.2-1ubuntu1.16.04.2	all	GNOME
ii	gnome-settings-daemon-schemas daemon schemas	3.18.2-0ubuntu3.1	all	gnome-settings-
ii	gnome-software Software Center for GNOME	3.20.1+git20161013.0.d77d6cf-0ubuntu2~xenial1	amd64	
ii	gnome-software-common Software Center for GNOME (common files)	3.20.1+git20161013.0.d77d6cf-0ubuntu2~xenial1	all	
ii	gnome-sudoku for GNOME	1:3.18.4-0ubuntu2	amd64	Sudoku puzzle game
ii	gnome-system-log GNOME	3.9.90-4	amd64	system log viewer for
ii	gnome-system-monitor system resource monitor for GNOME	3.18.2-1ubuntu1	amd64	Process viewer and
ii	gnome-terminal emulator application	3.18.3-1ubuntu1	amd64	GNOME terminal
ii	gnome-terminal-data GNOME terminal emulator	3.18.3-1ubuntu1	all	Data files for the
ii	gnome-user-guide	3.18.1-1	all	GNOME user's guide
ii	gnome-user-share sharing via WebDAV or ObexFTP	3.14.2-2ubuntu4	amd64	User level public file
ii	gnome-video-effects GStreamer effects	0.4.1-3ubuntu1	all	Collection of
ii	gnupg replacement	1.4.20-1ubuntu3.1	amd64	GNU privacy guard - a free PGP
ii	gnupg-agent cryptographic agent	2.1.11-6ubuntu2	amd64	GNU privacy guard -
ii	gnupg2 free PGP replacement (new v2.x)	2.1.11-6ubuntu2	amd64	GNU privacy guard - a

ii google-chrome-stable from Google	56.0.2924.76-1	amd64	The web browser
ii google-talkplugin	5.41.3.0-1	amd64	Google Talk Plugin
ii gpgv signature verification tool	1.4.20-1ubuntu3.1	amd64	GNU privacy guard -
ii graphviz 2.38.0-12ubuntu2.1	amd64	rich set of graph drawing tools	
ii grep	2.25-1~16.04.1	amd64	GNU grep, egrep and fgrep
ii grilo-plugins-0.2-base:amd64 discovering and browsing media - Base Plugins	0.2.17-0ubuntu2	amd64	Framework for
ii groff-base system (base system components)	1.22.3-7	amd64	GNU troff text-formatting
ii grub-common Bootloader (common files)	2.02~beta2-36ubuntu3.7	amd64	GRand Unified
ii grub-efi-amd64 Bootloader, version 2 (EFI-AMD64 version)	2.02~beta2-36ubuntu3.7	amd64	GRand Unified
ii grub-efi-amd64-bin 2.02~beta2-36ubuntu3.7	amd64	GRand Unified Bootloader, version 2 (EFI- AMD64 binaries)	
ii grub-efi-amd64-signed Unified Bootloader, version 2 (EFI-AMD64 version, signed)	1.66.7+2.02~beta2-36ubuntu3.7	amd64	GRand
ii grub2-common Bootloader (common files for version 2)	2.02~beta2-36ubuntu3.7	amd64	GRand Unified
ii gsettings-desktop-schemas wide schemas	3.18.1-1ubuntu1	all	GSettings desktop-
ii gsettings-ubuntu-schemas desktop-wide schemas for Ubuntu	0.0.5+16.04.20160307-0ubuntu1	all	GSettings
ii gsfonts Ghostscript interpreter(s)	1:8.11+urwcyr1.0.7~pre44-4.2ubuntu1	all	Fonts for the
ii gsfonts-x11 0.24	all	Make Ghostscript fonts available to X11	
ii gstreamer1.0-alsa:amd64 for ALSA	1.8.2-1ubuntu0.2	amd64	GStreamer plugin
ii gstreamer1.0-clutter-3.0 GStreamer 1.0	3.0.18-1	amd64	Clutter PPlugin for
ii gstreamer1.0-fluendo-mp3:amd64 decoder GStreamer 1.0 plugin	0.10.32.debian-1	amd64	Fluendo mp3
ii gstreamer1.0-libav:amd64 GStreamer	1.8.2-1~ubuntu1	amd64	libav plugin for
ii gstreamer1.0-plugins-bad:amd64 plugins from the "bad" set	1.8.2-1ubuntu0.2	amd64	GStreamer
ii gstreamer1.0-plugins-bad-faad:amd64 amd64 GStreamer faad plugin from the "bad" set	1.8.2-1ubuntu0.2		
ii gstreamer1.0-plugins-bad-videoparsers:amd64 GStreamer videoparsers plugin from the "bad" set	1.8.2-1ubuntu0.2	amd64	
ii gstreamer1.0-plugins-base:amd64 plugins from the "base" set	1.8.2-1ubuntu0.2	amd64	GStreamer
ii gstreamer1.0-plugins-base:i386	1.8.2-1ubuntu0.2	i386	GStreamer

plugins from the "base" set				
ii gstreamer1.0-plugins-base-apps	1.8.2-1ubuntu0.2		amd64	GStreamer
helper programs from the "base" set				
ii gstreamer1.0-plugins-good:amd64	1.8.2-1ubuntu0.3		amd64	GStreamer
plugins from the "good" set				
ii gstreamer1.0-plugins-good:i386	1.8.2-1ubuntu0.3			
i386 GStreamer plugins from the "good" set				
ii gstreamer1.0-plugins-ugly:amd64	1.8.2-1ubuntu0.1		amd64	GStreamer
plugins from the "ugly" set				
ii gstreamer1.0-plugins-ugly-amr:amd64	1.8.2-1ubuntu0.1		amd64	GStreamer
plugins from the "ugly" set				
ii gstreamer1.0-pulseaudio:amd64	1.8.2-1ubuntu0.3		amd64	GStreamer
plugin for PulseAudio				
ii gstreamer1.0-tools	1.8.2-1~ubuntu1		amd64	Tools for use with GStreamer
ii gstreamer1.0-x:amd64	1.8.2-1ubuntu0.2		amd64	GStreamer plugins for X11 and Pango
ii gstreamer1.0-x:i386	1.8.2-1ubuntu0.2		i386	GStreamer plugins for X11 and Pango
ii gtk2-engines-murrine:amd64	0.98.2-0ubuntu2.2		amd64	cairo-based gtk+-2.0 theme engine
ii gucharmap	1:3.18.2-1ubuntu1		amd64	Unicode character picker and font browser
ii guile-2.0-libs:amd64	2.0.11+1-10		amd64	Core Guile libraries
ii gvfs:amd64	1.28.2-1ubuntu1~16.04.1		amd64	userspace virtual filesystem - GIO module
ii gvfs-backends	1.28.2-1ubuntu1~16.04.1		amd64	userspace virtual filesystem - backends
ii gvfs-bin	1.28.2-1ubuntu1~16.04.1		amd64	userspace virtual filesystem - binaries
ii gvfs-common	1.28.2-1ubuntu1~16.04.1	all		userspace virtual filesystem - common data files
ii gvfs-daemons	1.28.2-1ubuntu1~16.04.1		amd64	userspace virtual filesystem - servers
ii gvfs-fuse	1.28.2-1ubuntu1~16.04.1		amd64	userspace virtual filesystem - fuse server
ii gvfs-libs:amd64	1.28.2-1ubuntu1~16.04.1		amd64	userspace virtual filesystem - private libraries
ii gyp	0.1+20150913git1f374df9-1ubuntu1		all	Cross-platform build script generator
ii gzip	1.6-4ubuntu1		amd64	GNU compression utilities
ii hardening-includes	2.7ubuntu2	all		Makefile for enabling compiler flags for security
hardening				
ii hdparm	9.48+ds-1		amd64	tune hard disk parameters for high performance
ii heroku	3.43.16		all	Client library and CLI to deploy

ii ifupdown configure network interfaces	0.8.10ubuntu1.2	amd64	high level tools to
ii im-config configuration framework	0.29-1ubuntu12.3	all	Input method
ii imagemagick programs -- binaries	8:6.8.9.9-7ubuntu5.3	amd64	image manipulation
ii imagemagick-6.q16 8:6.8.9.9-7ubuntu5.3	amd64	image manipulation programs -- quantum depth Q16	
ii imagemagick-common manipulation programs -- infrastructure	8:6.8.9.9-7ubuntu5.3	all	image
ii indicator-application Indicators	12.10.1+15.04.20150128-0ubuntu1	amd64	Application
ii indicator-appmenu for application menus.	15.02.0+16.04.20151104-0ubuntu1	amd64	Indicator
ii indicator-bluetooth bluetooth indicator.	0.0.6+16.04.20160526-0ubuntu1	amd64	System
ii indicator-datetime	15.10+16.04.20160406-0ubuntu1	amd64	Simple clock
ii indicator-keyboard indicator	0.0.0+16.04.20151125-0ubuntu1	amd64	Keyboard
ii indicator-messages that collects messages that need a response	13.10.1+15.10.20150505-0ubuntu1	amd64	indicator
ii indicator-power showing power state.	12.10.6+16.04.20160105-0ubuntu1	amd64	Indicator
ii indicator-printers showing active print jobs	0.1.7+15.04.20150220-0ubuntu2	amd64	indicator
ii indicator-session showing session management, status and user switching	12.10.5+16.04.20160412-0ubuntu1	amd64	indicator
ii indicator-sound sound indicator.	12.10.2+16.04.20160406-0ubuntu1	amd64	System
ii info documentation browser	6.1.0.dfsg.1-5	amd64	Standalone GNU Info
ii init metapackage	1.29ubuntu3	amd64	System-V-like init utilities -
ii init-system-helpers systems	1.29ubuntu3	all	helper tools for all init
ii initramfs-tools generator (automation)	0.122ubuntu8.8	all	generic modular initramfs
ii initramfs-tools-bin initramfs-tools	0.122ubuntu8.8	amd64	binaries used by
ii initramfs-tools-core initramfs generator (core tools)	0.122ubuntu8.8	all	generic modular
ii initscripts and shutting down the system	2.88dsf-59.3ubuntu2	amd64	scripts for initializing
ii inputattach attached peripherals to the input subsystem	1:1.4.9-1	amd64	utility to connect serial-
ii insserv	1.14.0-5ubuntu3	amd64	boot sequence organizer

using LSB init.d script dependency information			
ii install-info	6.1.0.dfsg.1-5	amd64	Manage installed documentation in info format
ii intel-gpu-tools	1.14-1	amd64	tools for debugging the Intel graphics driver
ii intel-microcode	3.20151106.1	amd64	Processor microcode firmware for Intel CPUs
ii intltool-debian	0.35.0+20060710.4		
all			Help i18n of RFC822 compliant config files
ii ippusbxd	1.23-1	amd64	Daemon for IPP USB printer support
ii iproute2	4.3.0-1ubuntu3	amd64	networking and traffic control tools
ii iptables	1.6.0-2ubuntu3	amd64	administration tools for packet filtering and NAT
ii iputils-arping	3:20121221-5ubuntu2	amd64	Tool to send ICMP echo requests to an ARP address
ii iputils-ping	3:20121221-5ubuntu2	amd64	Tools to test the reachability of network hosts
ii iputils-tracepath	3:20121221-5ubuntu2		
amd64			Tools to trace the network path to a remote host
ii irqbalance	1.1.0-2ubuntu1	amd64	Daemon to balance interrupts for SMP systems
ii isc-dhcp-client	4.3.3-5ubuntu12.6	amd64	DHCP client for automatically obtaining an IP address
ii isc-dhcp-common	4.3.3-5ubuntu12.6	amd64	common files used by all of the isc-dhcp packages
ii iso-codes	3.65-1	all	ISO language, territory, currency, script codes and their translations
ii iucode-tool	1.5.1-1ubuntu0.1	amd64	Intel processor microcode tool
ii iw	3.17-1	amd64	tool for configuring Linux wireless devices
ii java-common	0.56ubuntu2	all	Base package for Java runtimes
ii javahelp2	2.0.05.ds1-8	all	Java based help system
ii javascript-common	11	all	Base support for JavaScript library packages
ii jayatana	2.7-0ubuntu5	amd64	Java Native Library for ayatana project
ii jblas	1.2.3-6	amd64	fast linear algebra library for Java
ii junit	3.8.2-8build1		
all			Automated testing framework for Java
ii junit4	4.12-4ubuntu1	all	JUnit regression test framework for Java
ii kbd	1.15.5-1ubuntu5	amd64	Linux console font and keytable utilities

ii kerneloops-daemon tracker	0.12+git20140509-2ubuntu1	amd64	kernel oops
ii keyboard-configuration keyboard preferences	1.108ubuntu15.2	all	system-wide
ii keyutils Utilities	1.5.9-8ubuntu1	amd64	Linux Key Management
ii klibc-utils with klibc for early boot	2.0.4-8ubuntu1.16.04.2	amd64	small utilities built
ii kmod kernel modules	22-1ubuntu4	amd64	tools for managing Linux
ii krb5-locales support for MIT Kerberos	1.13.2+dfsg-5ubuntu1	all	Internationalization
ii language-pack-en language English	1:16.04+20161009	all	translation updates for
ii language-pack-en-base language English	1:16.04+20160627	all	translations for
ii language-pack-gnome-en translation updates for language English	1:16.04+20161009	all	GNOME
ii language-pack-gnome-en-base translations for language English	1:16.04+20160627	all	GNOME
ii language-pack-gnome-it Italian	1:16.04+20161009	all	GNOME translation updates for language
ii language-pack-gnome-it-base translations for language Italian	1:16.04+20160627	all	GNOME
ii language-pack-it language Italian	1:16.04+20161009	all	translation updates for
ii language-pack-it-base language Italian	1:16.04+20160627	all	translations for
ii language-selector-common Ubuntu	0.165.4	all	Language selector for
ii language-selector-gnome Ubuntu	0.165.4	all	Language selector for
ii laptop-detect 0.13.7ubuntu2	amd64		attempt to detect a laptop
ii less more	481-2.1ubuntu0.1	amd64	pager program similar to
ii lib32z1 32 bit runtime	1:1.2.8.dfsg-2ubuntu4	amd64	compression library -
ii libally-profile-manager-0.1-0:amd64 Accessibility profile manager - Shared library	0.1.10-0ubuntu3	amd64	
ii libally-profile-manager-data Profile Manager - GSettings data	0.1.10-0ubuntu3	all	Accessibility
ii liba52-0.7.4:amd64 ATSC A/52 streams	0.7.4-18	amd64	library for decoding
ii libaa1:amd64	1.4p5-44build1		

	amd64	ASCII art library			
ii	libaa1:i386	1.4p5-44build1	i386	ASCII art library	
ii	libaacs0:amd64	0.8.1-1	amd64	free-and-libre	
		implementation of AACs			
ii	libabw-0.1-1v5:amd64	0.1.1-2ubuntu2	amd64	library for reading	
		and writing AbiWord(tm) documents			
ii	libaccount-plugin-1.0-0:amd64	0.1.8+16.04.20160201-0ubuntu1	amd64		
		libaccount-plugin for Unity Control Center			
ii	libaccount-plugin-generic-oauth	0.12+16.04.20160126-0ubuntu1	amd64		
		GNOME Control Center account plugin for single signon - generic OAuth			
ii	libaccount-plugin-google	0.12+16.04.20160126-0ubuntu1			
	amd64	GNOME Control Center account plugin for single signon - Google Auth			
ii	libaccounts-glib0:amd64	1.21+16.04.20160222-0ubuntu1	amd64	library for	
		single signon			
ii	libaccounts-qt5-1:amd64	1.14+16.04.20151106.1-0ubuntu1	amd64	QT	
		library for single sign on			
ii	libaccountsservice0:amd64	0.6.40-2ubuntu11.3	amd64	query and	
		manipulate user account information - shared libraries			
ii	libacl1:amd64	2.2.52-3	amd64	Access control list shared	
		library			
ii	libalgorithm-diff-perl	1.19.03-1	all	module to find differences	
		between files			
ii	libalgorithm-diff-xs-perl	0.04-4build1			
	amd64	module to find differences between files (XS accelerated)			
ii	libalgorithm-merge-perl	0.08-3	all	Perl module for three-way	
		merge of textual data			
ii	libandroid-properties1	0.1.0+git20151016+6d424c9-0ubuntu7	amd64	Library	
		to provide access to get, set and list Android properties			
ii	libao-common	1.1.0-3ubuntu1	all	Cross Platform Audio	
		Output Library (Common files)			
ii	libao4:amd64	1.1.0-3ubuntu1	amd64	Cross Platform Audio	
		Output Library			
ii	libaopalliance-java	20070526-5	all	library for interoperability	
		for Java AOP implementations			
ii	libapache-pom-java	10-2build1	all	Maven metadata for all Apache Software projects	
ii	libapparmor-perl	2.10.95-0ubuntu2.5	amd64	AppArmor library	
		Perl bindings			
ii	libapparmor1:amd64	2.10.95-0ubuntu2.5	amd64	changehat	
		AppArmor library			
ii	libappindicator1	12.10.1+15.04.20141110-0ubuntu1	amd64	Application	
		Indicators			
ii	libappindicator3-1	12.10.1+15.04.20141110-0ubuntu1	amd64	Application	
		Indicators			
ii	libappstream-glib8:amd64	0.5.13-1ubuntu4	amd64	GNOME library	
		to access AppStream services			
ii	libappstream3:amd64	0.9.4-1ubuntu2	amd64		

Library to access AppStream services				
ii libapt-inst2.0:amd64 runtime library	1.2.18	amd64	deb package format	
ii libapt-pkg-perl pkg	0.1.29build7	amd64	Perl interface to libapt-	
ii libapt-pkg5.0:amd64 runtime library	1.2.18	amd64	package management	
ii libarchive-zip-perl of ZIP archives	1.56-2	all	Perl module for manipulation	
ii libarchive13:amd64 archive and compression library (shared library)	3.1.2-11ubuntu0.16.04.2	amd64	Multi-format	
ii libart-2.0-2:amd64 for 2D graphics - runtime files	2.3.21-2	amd64	Library of functions	
ii libasan1:amd64 fast memory error detector	4.9.3-13ubuntu2	amd64	AddressSanitizer -- a	
ii libasan2:amd64 - a fast memory error detector	5.4.0-6ubuntu1~16.04.4	amd64	AddressSanitizer -	
ii libasm4-java framework	5.0.4-1	all	Java bytecode manipulation	
ii libasn1-8-heimdal:amd64 Kerberos - ASN.1 library	1.7~git20150920+dfsg-4ubuntu1	amd64	Heimdal	
ii libasound2:amd64 ALSA applications	1.1.0-0ubuntu1	amd64	shared library for	
ii libasound2:i386 ALSA applications	1.1.0-0ubuntu1	i386	shared library for	
ii libasound2-data profiles for ALSA drivers	1.1.0-0ubuntu1	all	Configuration files and	
ii libasound2-plugins:amd64 additional plugins	1.1.0-0ubuntu1	amd64	ALSA library	
ii libasound2-plugins:i386 additional plugins	1.1.0-0ubuntu1	i386	ALSA library	
ii libaspell15:amd64 spell-checker runtime library	0.60.7~20110707-3build1	amd64	GNU Aspell	
ii libaspell15:i386 checker runtime library	0.60.7~20110707-3build1	i386	GNU Aspell spell-	
ii libasprintf-dev:amd64 Internationalization library development files	0.19.7-2ubuntu3	amd64	GNU	
ii libasprintf0v5:amd64 fprintf and friends in C++	0.19.7-2ubuntu3	amd64	GNU library to use	
ii libass5:amd64 subtitles rendering	0.13.1-1	amd64	library for SSA/ASS	
ii libassuan0:amd64 GnuPG components	2.4.2-2	amd64	IPC library for the	
ii libasyncns0:amd64 service query library	0.8-5build1	amd64	Asynchronous name	
ii libasyncns0:i386 service query library	0.8-5build1	i386	Asynchronous name	

ii libatasmart4:amd64 reading and parsing library	0.19-3	amd64	ATA S.M.A.R.T.
ii libatinject-jsr330-api-java 1.0+ds1-2	all		Java API for JSR-330 Dependency Injection
ii libatk-adaptor:amd64 bridge	2.18.1-2ubuntu1	amd64	AT-SPI 2 toolkit
ii libatk-bridge2.0-0:amd64 bridge - shared library	2.18.1-2ubuntu1	amd64	AT-SPI 2 toolkit
ii libatk1.0-0:amd64 toolkit	2.18.0-1	amd64	ATK accessibility
ii libatk1.0-0:i386	2.18.0-1	i386	ATK accessibility toolkit
ii libatk1.0-data accessibility toolkit	2.18.0-1	all	Common files for the ATK
ii libatk1.0-dev amd64	2.18.0-1		Development files for the ATK accessibility toolkit
ii libatkmm-1.6-1v5:amd64 ATK accessibility toolkit (shared libraries)	2.24.2-1	amd64	C++ wrappers for
ii libatlas-base-dev Linear Algebra Software, generic static	3.10.2-9	amd64	Automatically Tuned
ii libatlas-dev Algebra Software, C header files	3.10.2-9	amd64	Automatically Tuned Linear
ii libatlas3-base Linear Algebra Software, generic shared	3.10.2-9	amd64	Automatically Tuned
ii libatm1:amd64 (Asynchronous Transfer Mode)	1:2.5.1-1.5	amd64	shared library for ATM
ii libatomic1:amd64 providing __atomic built-in functions	5.4.0-6ubuntu1~16.04.4	amd64	support library
ii libatspi2.0-0:amd64 Technology Service Provider Interface - shared library	2.18.3-4ubuntu1	amd64	Assistive
ii libattr1:amd64 library	1:2.4.47-2	amd64	Extended attribute shared
ii libaudio2:amd64 shared libraries	1.9.4-4	amd64	Network Audio System -
ii libaudio2:i386 shared libraries	1.9.4-4	i386	Network Audio System -
ii libaudit-common for security auditing - common files	1:2.4.5-1ubuntu2	all	Dynamic library
ii libaudit1:amd64 security auditing	1:2.4.5-1ubuntu2	amd64	Dynamic library for
ii libauthen-sasl-perl Authentication framework	2.1600-1	all	Authen::SASL - SASL
ii libavahi-client3:amd64 library	0.6.32~rc+dfsg-1ubuntu2	amd64	Avahi client
ii libavahi-client3:i386 library	0.6.32~rc+dfsg-1ubuntu2	i386	Avahi client
ii libavahi-common-data:amd64 common data files	0.6.32~rc+dfsg-1ubuntu2	amd64	Avahi

ii libavahi-common-data:i386 common data files	0.6.32~rc+dfsg-1ubuntu2		i386	Avahi
ii libavahi-common3:amd64 0.6.32~rc+dfsg-1ubuntu2	amd64			Avahi common library
ii libavahi-common3:i386 library	0.6.32~rc+dfsg-1ubuntu2		i386	Avahi common
ii libavahi-core7:amd64 embeddable mDNS/DNS-SD library	0.6.32~rc+dfsg-1ubuntu2		amd64	Avahi's
ii libavahi-glib1:amd64 integration library	0.6.32~rc+dfsg-1ubuntu2		amd64	Avahi GLib
ii libavahi-ui-gtk3-0:amd64 User interface library for GTK3	0.6.32~rc+dfsg-1ubuntu2		amd64	Avahi GTK+
ii libavc1394-0:amd64 audio/video devices	0.5.4-4		amd64	control IEEE 1394
ii libavc1394-0:i386 control IEEE 1394 audio/video devices	0.5.4-4		i386	
ii libavcodec-dev:amd64 library with de/encoders for audio/video codecs - development files	7:2.8.10-0ubuntu0.16.04.1		amd64	FFmpeg
ii libavcodec-ffmpeg56:amd64 library with de/encoders for audio/video codecs - runtime files	7:2.8.10-0ubuntu0.16.04.1		amd64	FFmpeg
ii libavfilter-ffmpeg5:amd64 library containing media filters - runtime files	7:2.8.10-0ubuntu0.16.04.1		amd64	FFmpeg
ii libavformat-dev:amd64 library with (de)muxers for multimedia containers - development files	7:2.8.10-0ubuntu0.16.04.1		amd64	FFmpeg
ii libavformat-ffmpeg56:amd64 library with (de)muxers for multimedia containers - runtime files	7:2.8.10-0ubuntu0.16.04.1		amd64	FFmpeg
ii libavresample-ffmpeg2:amd64 compatibility library for resampling - runtime files	7:2.8.10-0ubuntu0.16.04.1		amd64	FFmpeg
ii libavutil-dev:amd64 with functions for simplifying programming - development files	7:2.8.10-0ubuntu0.16.04.1		amd64	FFmpeg library
ii libavutil-ffmpeg54:amd64 library with functions for simplifying programming - runtime files	7:2.8.10-0ubuntu0.16.04.1		amd64	FFmpeg
ii libbabeltrace-ctf1:amd64 Format (CTF) library	1.3.2-1		amd64	Common Trace
ii libbabeltrace1:amd64 libraries	1.3.2-1		amd64	Babeltrace conversion
ii libbambf3-2:amd64 amd64 Window matching library - shared library	0.5.3~bzd0+16.04.20160824-0ubuntu1			
ii libbdplus0:amd64 for reading Blu-ray Discs	0.1.2-1		amd64	implementation of BD+
ii libbind9-140:amd64 Library used by BIND	1:9.10.3.dfsg.P4-8ubuntu1.4		amd64	BIND9 Shared
ii libbison-dev:amd64 parser generator - development library	2:3.0.4.dfsg-1		amd64	YACC-compatible
ii libblas-common for all BLAS implementations	3.6.0-2ubuntu2		amd64	Dependency package
ii libblas-dev Basic Linear Algebra	3.6.0-2ubuntu2		amd64	

Subroutines 3, static library				
ii libblas3		3.6.0-2ubuntu2		
	amd64	Basic Linear Algebra Reference implementations, shared library		
ii libblkid1:amd64		2.27.1-6ubuntu3.2	amd64	block device ID library
ii libbluetooth3:amd64		5.37-0ubuntu5	amd64	Library to use the BlueZ Linux Bluetooth stack
ii libbluray1:amd64		1:0.9.2-2	amd64	Blu-ray disc playback support library (shared library)
ii libboost-date-time1.58.0:amd64		1.58.0+dfsg-5ubuntu3.1	amd64	set of date-time libraries based on generic programming concepts
ii libboost-filesystem1.58.0:amd64		1.58.0+dfsg-5ubuntu3.1	amd64	filesystem operations (portable paths, iteration over directories, etc) in C++
ii libboost-iostreams1.58.0:amd64		1.58.0+dfsg-5ubuntu3.1	amd64	Boost.Iostreams Library
ii libboost-system1.58.0:amd64		1.58.0+dfsg-5ubuntu3.1	amd64	Operating system (e.g. diagnostics support) library
ii libbrlapi0.6:amd64		5.3.1-2ubuntu2.1	amd64	braille display access via BRLTTY - shared library
ii libbs2b0:amd64		3.1.0+dfsg-2.2	amd64	Bauer stereophonic-to-binaural DSP library
ii libbsd0:amd64		0.8.2-1	amd64	utility functions from BSD systems - shared library
ii libbsd0:i386		0.8.2-1	i386	utility functions from BSD systems - shared library
ii libbsh-java		2.0b4-17ubuntu1	all	Java scripting environment (BeanShell) Version 2 (library)
ii libbz2-1.0:amd64		1.0.6-8	amd64	high-quality block-sorting file compressor library - runtime
ii libbz2-1.0:i386		1.0.6-8	i386	high-quality block-sorting file compressor library - runtime
ii libc-bin		2.23-0ubuntu5	amd64	GNU C Library: Binaries
ii libc-dev-bin		2.23-0ubuntu5	amd64	GNU C Library: Development binaries
ii libc6:amd64		2.23-0ubuntu5	amd64	GNU C Library: Shared libraries
ii libc6:i386		2.23-0ubuntu5	i386	GNU C Library: Shared libraries
ii libc6-dbg:amd64		2.23-0ubuntu5	amd64	GNU C Library: detached debugging symbols
ii libc6-dev:amd64		2.23-0ubuntu5	amd64	GNU C Library: Development Libraries and Header Files
ii libc6-i386		2.23-0ubuntu5	amd64	GNU C Library: 32-bit shared libraries for AMD64
ii libcasa0:amd64		0.99.beta19-2build2~gcc5.2	amd64	colour ASCII art library
ii libcasa0:i386		0.99.beta19-2build2~gcc5.2	i386	colour ASCII art library

library				
ii libcairo-gobject2:amd64	1.14.6-1	amd64		Cairo 2D vector graphics library (GObject library)
ii libcairo-gobject2:i386	1.14.6-1		i386	Cairo 2D vector graphics library (GObject library)
ii libcairo-script-interpreter2:amd64	1.14.6-1		amd64	Cairo 2D vector graphics library (script interpreter)
ii libcairo2:amd64	1.14.6-1		amd64	Cairo 2D vector graphics library
ii libcairo2:i386	1.14.6-1		i386	Cairo 2D vector graphics library
ii libcairo2-dev	1.14.6-1		amd64	Development files for the Cairo 2D graphics library
ii libcairomm-1.0-1v5:amd64	1.12.0-1	amd64		C++ wrappers for Cairo (shared libraries)
ii libcamel-1.2-54:amd64	3.18.5-1ubuntu1		amd64	Evolution MIME message handling library
ii libcanberra-gtk-module:amd64	0.30-2.1ubuntu1		amd64	translates GTK+ widgets signals to event sounds
ii libcanberra-gtk0:amd64	0.30-2.1ubuntu1		amd64	GTK+ helper for playing widget event sounds with libcanberra
ii libcanberra-gtk3-0:amd64	0.30-2.1ubuntu1		amd64	GTK+ 3.0 helper for playing widget event sounds with libcanberra
ii libcanberra-gtk3-module:amd64	0.30-2.1ubuntu1		amd64	translates GTK3 widgets signals to event sounds
ii libcanberra-pulse:amd64	0.30-2.1ubuntu1		amd64	PulseAudio backend for libcanberra
ii libcanberra0:amd64	0.30-2.1ubuntu1		amd64	simple abstract interface for playing event sounds
ii libcap-ng0:amd64	0.7.7-1		amd64	An alternate POSIX capabilities library
ii libcap2:amd64	1:2.24-12		amd64	POSIX 1003.1e capabilities (library)
ii libcap2:i386	1:2.24-12		i386	POSIX 1003.1e capabilities (library)
ii libcap2-bin	1:2.24-12		amd64	POSIX 1003.1e capabilities (utilities)
ii libcc1-0:amd64	5.4.0-6ubuntu1~16.04.4		amd64	GCC cc1 plugin for GDB
ii libcdi-api-java	1.0-2		all	Contexts and Dependency Injection for Java EE
ii libcdio-cdda1:amd64	0.83-4.2ubuntu1		amd64	library to read and control digital audio CDs
ii libcdio-paranoia1:amd64	0.83-4.2ubuntu1		amd64	library to read digital audio CDs with error correction

ii libcdio13:amd64 control CD-ROM	0.83-4.2ubuntu1	amd64	library to read and
ii libcdparanoia0:amd64 tool for sampling CDs (library)	3.10.2+debian-11	amd64	audio extraction
ii libcdparanoia0:i386 for sampling CDs (library)	3.10.2+debian-11	i386	audio extraction tool
ii libcdr-0.1-1:amd64 and converting Corel DRAW files	0.1.2-2ubuntu2	amd64	library for reading
ii libcdt5 tools - cdt library	2.38.0-12ubuntu2.1	amd64	rich set of graph drawing
ii libcgi-fast-perl FCGI	1:2.10-1	all	CGI subclass for work with
ii libcgi-pm-perl Interface applications	4.26-1	all	module for Common Gateway
ii libcglib3-java Java	3.1+dfsg-1	all	code generation library for
ii libcgmanager0:amd64 manager daemon (client library)	0.39-2ubuntu5	amd64	Central cgroup
ii libcgraph6 drawing tools - cgraph library	2.38.0-12ubuntu2.1	amd64	rich set of graph
ii libcheese-gtk25:amd64 pictures and videos from your webcam - widgets	3.18.1-2ubuntu3	amd64	tool to take
ii libcheese8:amd64 and videos from your webcam - base library	3.18.1-2ubuntu3	amd64	tool to take pictures
ii libchromaprint0:amd64 library	1.3-1	amd64	audio fingerprint
ii libcilkrts5:amd64 language extensions (runtime)	5.4.0-6ubuntu1~16.04.4	amd64	Intel Cilk Plus
ii libclang-common-3.8-dev Common development package	1:3.8-2ubuntu4	amd64	clang library -
ii libclang1-3.8:amd64 clang library	1:3.8-2ubuntu4	amd64	C interface to the
ii libclass-accessor-perl automatically generates accessors	0.34-1	all	Perl module that
ii libclassworlds-java developers requiring manipulation of ClassLoaders	1.1-final-5	all	framework for container
ii libclone-perl copying Perl datatypes	0.38-1build1	amd64	module for recursively
ii liblucene-contribs1v5:amd64 amd64 language specific text analyzers (runtime)	2.3.3.4-4.1		
ii liblucene-core1v5:amd64 featured text search engine (runtime)	2.3.3.4-4.1	amd64	core library for full-
ii libclutter-1.0-0:amd64 interactive canvas library	1.24.2-1	amd64	Open GL based
ii libclutter-1.0-common interactive canvas library (common files)	1.24.2-1	all	Open GL based

ii libclutter-gst-3.0-0:amd64	3.0.18-1	amd64	Open GL based
interactive canvas library GStreamer elements			
ii libclutter-gtk-1.0-0:amd64	1.6.6-1	amd64	Open GL based
interactive canvas library GTK+ widget			
ii libcmis-0.5-5v5:amd64			
0.5.1-2ubuntu2	amd64		CMIS protocol client library
ii libcogl-common	1.22.0-2	all	Object oriented GL/GLES
Abstraction/Utility Layer (common files)			
ii libcogl-pango20:amd64	1.22.0-2	amd64	Object oriented
GL/GLES Abstraction/Utility Layer			
ii libcogl-path20:amd64	1.22.0-2	amd64	Object oriented
GL/GLES Abstraction/Utility Layer			
ii libcogl20:amd64	1.22.0-2	amd64	Object oriented
GL/GLES Abstraction/Utility Layer			
ii libcolamd2.9.1:amd64	1:4.4.6-1	amd64	column approximate
minimum degree ordering library for sparse matrices			
ii			
libcolord2:amd64	1.2.12-1ubuntu1	amd64	system service to
manage device colour profiles -- runtime			
ii libcolorhug2:amd64	1.2.12-1ubuntu1	amd64	library to access the
ColorHug colourimeter -- runtime			
ii libcolumbus1-common	1.1.0+15.10.20150806-0ubuntu4	all	error tolerant
matching engine - common files			
ii libcolumbus1v5:amd64	1.1.0+15.10.20150806-0ubuntu4	amd64	error
tolerant matching engine - shared library			
ii libcomerr2:amd64	1.42.13-1ubuntu1	amd64	common error
description library			
ii libcomerr2:i386	1.42.13-1ubuntu1	i386	common error
description			
library			
ii libcommons-cli-java	1.3.1-3ubuntu1	all	Command line
arguments and options parsing library			
ii libcommons-codec-java	1.10-1	all	encoder and decoders
such as Base64 and hexadecimal codec			
ii libcommons-collections3-java	3.2.2-1	all	Apache Commons
Collections - Extended Collections API for Java			
ii libcommons-httpclient-java	3.1-12	all	Commons HTTPClient -
Java library for creating HTTP clients			
ii libcommons-io-java	2.4-2	all	Common useful IO related
classes			
ii libcommons-lang-java	2.6-6ubuntu2		
all Commons Lang - an extension of the java.lang package			
ii libcommons-lang3-java	3.4-1	all	Extension of the java.lang
package (for Java 5+)			
ii libcommons-logging-java	1.2-1+build1	all	common wrapper
interface for several logging APIs			
ii libcommons-math-java	2.2-5	all	Java lightweight
mathematics and statistics components			

ii libcommons-net-java	3.4-2ubuntu2	all	Apache Commons Net
- Java client API for basic Internet protocols			
ii libcommons-net2-java	2.2-2	all	internet protocol suite Java library
ii libcommons-parent-java	39-3	all	Maven metadata for Apache Commons project
ii libcompizconfig0:amd64	1:0.9.12.2+16.04.20160823-0ubuntu1	amd64	Settings library for plugins - OpenCompositing Project
ii libcrack2:amd64	2.9.2-1build2	amd64	pro-active password checker library
ii libcroco3:amd64	0.6.11-1	amd64	Cascading Style Sheet (CSS) parsing and manipulation toolkit
ii libcryptsetup4:amd64	2:1.6.6-5ubuntu2	amd64	disk encryption support - shared library
ii libcrystalhd3:amd64	1:0.0~git20110715.fdd2f19-11build1	amd64	Crystal HD Video Decoder (shared library)
ii libcups2:amd64	2.1.3-4	amd64	Common UNIX Printing System(tm) - Core library
ii libcups2:i386	2.1.3-4	i386	Common UNIX Printing System(tm) - Core library
ii libcups2-dev:amd64	2.1.3-4	amd64	Common UNIX Printing System(tm) - Development files CUPS library
ii libcupscgi1:amd64	2.1.3-4	amd64	Common UNIX Printing System(tm) - CGI library
ii libcupsfilters1:amd64	1.8.3-2ubuntu3.1	amd64	OpenPrinting CUPS Filters - Shared library
ii libcupsimage2:amd64	2.1.3-4	amd64	Common UNIX Printing System(tm) - Raster image library
ii libcupsmime1:amd64	2.1.3-4	amd64	Common UNIX Printing System(tm) - MIME library
ii libcupsppdc1:amd64	2.1.3-4	amd64	Common UNIX Printing System(tm) - PPD manipulation library
ii libcurl3:amd64	7.47.0-1ubuntu2.2	amd64	easy-to-use client-side URL transfer library (OpenSSL flavour)
ii libcurl3-gnutls:amd64	7.47.0-1ubuntu2.2	amd64	easy-to-use client-side URL transfer library (GnuTLS flavour)
ii libcv-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	Translation package for libcv-dev
ii libcvaux-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	Translation package for libcvaux-dev
ii libdaemon0:amd64	0.14-6	amd64	lightweight C library for daemons - runtime library
ii libdata-alias-perl	1.20-1build1	amd64	module to create aliases instead of copies
ii libdatrie1:amd64	0.2.10-2	amd64	Double-array trie library
ii libdatrie1:i386	0.2.10-2	i386	Double-array trie library
ii libdb5.3:amd64	5.3.28-11	amd64	Berkeley v5.3 Database

Libraries [runtime]				
ii libdbus-1-3:amd64	1.10.6-1ubuntu3.3	amd64	simple interprocess messaging system (library)	
ii libdbus-1-3:i386	1.10.6-1ubuntu3.3	i386	simple interprocess messaging system (library)	
ii libdbus-glib-1-2:amd64	0.106-1	amd64	simple interprocess messaging system (GLib-based shared library)	
ii libdbus-glib-1-2:i386	0.106-1	i386	simple interprocess messaging system (GLib-based shared library)	
ii libdbusmenu-glib4:amd64	16.04.1+16.04.20160927-0ubuntu1	amd64	library for passing menus over Dbus	
ii libdbusmenu-gtk3-4:amd64	16.04.1+16.04.20160927-0ubuntu1	amd64	library for passing menus over Dbus - GTK+ version	
ii libdbusmenu-gtk4:amd64	16.04.1+16.04.20160927-0ubuntu1	amd64	library for passing menus over Dbus - GTK+ version	
ii libdbusmenu-qt2:amd64	0.9.3+16.04.20160218-0ubuntu1	amd64	Qt	implementation of the DbusMenu protocol
ii libdbusmenu-qt2:i386	0.9.3+16.04.20160218-0ubuntu1	i386	Qt	implementation of the DbusMenu protocol
ii libdbusmenu-qt5:amd64	0.9.3+16.04.20160218-0ubuntu1	amd64	Qt5	implementation of the DbusMenu protocol
ii libdc1394-22:amd64	2.2.4-1	amd64	high level programming interface for IEEE 1394 digital cameras	
ii libdc1394-22-dev:amd64	2.2.4-1	amd64	high level programming interface for IEEE 1394 digital cameras - development	
ii libdca0:amd64	0.0.5-7build1	amd64	decoding library for DTS Coherent Acoustics streams	
ii libdconf1:amd64	0.24.0-2	amd64	simple configuration storage system - runtime library	
ii libdconf1:i386	0.24.0-2	i386	simple configuration storage system - runtime library	
ii libde265-0:amd64	1.0.2-2	amd64	Open H.265 video codec implementation	
ii libdebconfclient0:amd64	0.198ubuntu1	amd64	Debian Configuration Management System (C-implementation library)	
ii libdecoration0:amd64	1:0.9.12.2+16.04.20160823-0ubuntu1	amd64	Compiz window decoration library	
ii libdee-1.0-4:amd64	1.2.7+15.04.20150304-0ubuntu2	amd64	model to synchronize multiple instances over Dbus - shared lib	
ii libdevmapper1.02.1:amd64	2:1.02.110-1ubuntu10	amd64	Linux Kernel Device Mapper userspace library	
ii libdfu1:amd64	0.7.0-0ubuntu4.3	amd64	Firmware update daemon library for DFU support	
ii libdigest-hmac-perl	1.03+dfsg-1	all	module for creating standard message integrity checks	
ii libdjvulibre-text	3.5.27.1-5	all	Linguistic support files for	

libdjvulibre				
ii libdjvulibre21:amd64	3.5.27.1-5	amd64	Runtime support for the DjVu image format	
ii libdmapsharing-3.0-2:amd64	2.9.34-1	amd64	DMAP client and server library - runtime	
ii libdns-export162 Shared Library	1:9.10.3.dfsg.P4-8ubuntu1.4	amd64	Exported DNS Shared Library	
ii libdns162:amd64	1:9.10.3.dfsg.P4-8ubuntu1.4	amd64	DNS Shared Library used by BIND	
ii libdom4j-java	1.6.1+dfsg.3-2ubuntu1	all	flexible XML framework for Java	
ii libdotconf0:amd64	1.3-0.2	amd64	Configuration file parser library - runtime files	
ii libdouble-conversion1v5:amd64	2.0.1-3ubuntu2	amd64	routines to convert IEEE floats to and from strings	
ii libdoxia-core-java	1.1.4-3ubuntu1	all	Doxia content generation framework (core)	
ii libdpkg-perl	1.18.4ubuntu1.1	all	Dpkg perl modules	
ii libdrm-amdgpu1:amd64	2.4.67-1ubuntu0.16.04.2	amd64	Userspace interface to amdgpu-specific kernel DRM services -- runtime	
ii libdrm-amdgpu1:i386	2.4.67-1ubuntu0.16.04.2	i386	Userspace interface to amdgpu-specific kernel DRM services -- runtime	
ii libdrm-dev:amd64	2.4.67-1ubuntu0.16.04.2	amd64	Userspace interface to kernel DRM services -- development files	
ii libdrm-intel1:amd64	2.4.67-1ubuntu0.16.04.2	amd64	Userspace interface to intel-specific kernel DRM services -- runtime	
ii libdrm-intel1:i386	2.4.67-1ubuntu0.16.04.2	i386	Userspace interface to intel-specific kernel DRM services -- runtime	
ii libdrm-nouveau2:amd64	2.4.67-1ubuntu0.16.04.2	amd64	Userspace interface to nouveau-specific kernel DRM services -- runtime	
ii libdrm-nouveau2:i386	2.4.67-1ubuntu0.16.04.2	i386	Userspace interface to nouveau-specific kernel DRM services -- runtime	
ii libdrm-radeon1:amd64	2.4.67-1ubuntu0.16.04.2	amd64	Userspace interface to radeon-specific kernel DRM services -- runtime	
ii libdrm-radeon1:i386	2.4.67-1ubuntu0.16.04.2	i386	Userspace interface to radeon-specific kernel DRM services -- runtime	
ii libdrm2:amd64	2.4.67-1ubuntu0.16.04.2	amd64	Userspace interface to kernel DRM services -- runtime	
ii libdrm2:i386	2.4.67-1ubuntu0.16.04.2	i386	Userspace interface to kernel DRM services -- runtime	
ii libdv4:amd64	1.0.0-7	amd64	software library for DV format digital video (runtime lib)	
ii libdv4:i386	1.0.0-7	i386	software library for DV format digital video (runtime lib)	
ii libdvnav4:amd64	5.0.3-1	amd64	DVD navigation library	

ii libdvdread4:amd64	5.0.3-1	amd64	
library for reading DVDs			
ii libdw1:amd64	0.165-3ubuntu1	amd64	library that provides
access to the DWARF debug information			
ii libe-book-0.1-1:amd64	0.1.2-2ubuntu1	amd64	library for reading
and converting various e-book formats			
ii libeasymock-java	3.3.1+ds-3	all	Java library to generate
Mock Objects for given interfaces			
ii libebackend-1.2-10:amd64	3.18.5-1ubuntu1	amd64	Utility library
for evolution data servers			
ii libebook-1.2-16:amd64	3.18.5-1ubuntu1	amd64	Client library for
evolution address books			
ii libebook-contacts-1.2-2:amd64	3.18.5-1ubuntu1		
amd64			Client library for evolution contacts books
ii libecal-1.2-19:amd64	3.18.5-1ubuntu1	amd64	Client library for
evolution calendars			
ii libeclipse-aether-java	1.0.2-1	all	Library to handle Java
artifact repositories			
ii libecryptfs1	111-0ubuntu1.1	amd64	ecryptfs cryptographic
filesystem (library)			
ii libedata-book-1.2-25:amd64	3.18.5-1ubuntu1	amd64	Backend library
for evolution address books			
ii libedata-cal-1.2-28:amd64	3.18.5-1ubuntu1	amd64	Backend library
for evolution calendars			
ii libedataserver-1.2-21:amd64	3.18.5-1ubuntu1		
amd64			Utility library for evolution data servers
ii libedataserverui-1.2-1:amd64	3.18.5-1ubuntu1	amd64	Utility library
for evolution data servers			
ii libedit2:amd64	3.1-20150325-1ubuntu2	amd64	BSD editline and
history libraries			
ii libedit2:i386	3.1-20150325-1ubuntu2	i386	BSD editline and
history libraries			
ii libefivar0:amd64	0.23-2	amd64	Library to manage UEFI
variables			
ii libegl1-mesa:amd64	11.2.0-1ubuntu2.2	amd64	free
implementation of the EGL API -- runtime			
ii libegl1-mesa:i386	11.2.0-1ubuntu2.2	i386	
free implementation of the EGL API -- runtime			
ii libelf1:amd64	0.165-3ubuntu1	amd64	library to read and
write ELF files			
ii libelf1:i386	0.165-3ubuntu1	i386	library to read and write
ELF files			
ii libemail-valid-perl	1.198-1	all	Perl module for checking the
validity of Internet email addresses			
ii libenchant1c2a:amd64	1.6.0-10.1build2	amd64	Wrapper library
for various spell checker engines (runtime libs)			
ii libenchant1c2a:i386	1.6.0-10.1build2	i386	Wrapper library for
various spell checker engines (runtime libs)			

ii libencode-locale-perl	1.05-1			
all utility to determine the locale encoding				
ii libeot0:amd64	0.01-3ubuntu1		amd64	Library for parsing/convert
ing Embedded OpenType files				
ii libepoxy0:amd64	1.3.1-1		amd64	OpenGL function pointer management library
ii liberror-perl	0.17-1.2		all	Perl module for error/exception handling in an OO-ish way
ii libespeak1:amd64	1.48.04+dfsg-2		amd64	Multi-lingual software speech synthesizer: shared library
ii libestr0	0.1.10-1		amd64	Helper functions for handling strings (lib)
ii libetonyek-0.1-1:amd64	0.1.6-1ubuntu1		amd64	library for reading and converting Apple Keynote presentations
ii libevdev2:amd64	1.4.6+dfsg-1		amd64	wrapper library for evdev devices
ii libevdocument3-4:amd64	3.18.2-1ubuntu4		amd64	Document (PostScript, PDF) rendering library
ii libevent-2.0-5:amd64	2.0.21-stable-2		amd64	Asynchronous event notification library
ii libevview3-3:amd64	3.18.2-1ubuntu4		amd64	Document (PostScript, PDF) rendering library - Gtk+ widgets
ii libexempi3:amd64	2.2.2-2		amd64	library to parse XMP metadata (Library)
ii libexif12:amd64	0.6.21-2		amd64	library to parse EXIF files
ii libexif2-14:amd64	0.25-2.1		amd64	EXIF/IPTC metadata manipulation library
ii libexpat1:amd64	2.1.0-7ubuntu0.16.04.2		amd64	XML parsing C library - runtime library
ii libexpat1:i386	2.1.0-7ubuntu0.16.04.2		i386	XML parsing C library - runtime library
ii libexpat1-dev:amd64	2.1.0-7ubuntu0.16.04.2		amd64	XML parsing C library - development kit
ii libexporter-lite-perl	0.08-1		all	lightweight subset of Exporter
ii libexporter-tiny-perl	0.042-1	all		tiny exporter similar to Sub::Exporter
ii libexttextcat-2.0-0:amd64	3.4.4-1ubuntu3		amd64	Language detection library
ii libexttextcat-data	3.4.4-1ubuntu3		all	Language detection library - data files
ii libfaad2:amd64	2.8.0~cvs20150510-1		amd64	freeware Advanced Audio Decoder - runtime files
ii libfakeroot:amd64	1.20.2-1ubuntu1		amd64	tool for simulating superuser privileges - shared libraries
ii libfcgi-perl	0.77-1build1		amd64	helper module for FastCGI

ii libfcitx-config4:amd64	1:4.2.9.1-1ubuntu1.16.04.2			
amd64 Flexible Input Method Framework - configuration support library				
ii libfcitx-gclient0:amd64	1:4.2.9.1-1ubuntu1.16.04.2	amd64	Flexible Input Method Framework - D-Bus client library for Glib	
ii libfcitx-utils0:amd64	1:4.2.9.1-1ubuntu1.16.04.2	amd64	Flexible Input Method Framework - utility support library	
ii libfdisk1:amd64	2.27.1-6ubuntu3.2	amd64	fdisk partitioning library	
ii libffi-dev:amd64	3.2.1-4	amd64	Foreign Function Interface library (development files)	
ii libffi6:amd64	3.2.1-4	amd64	Foreign Function Interface library runtime	
ii libffi6:i386	3.2.1-4	i386	Foreign Function Interface library runtime	
ii libfftw3-double3:amd64	3.3.4-2ubuntu1	amd64	Library for computing Fast Fourier Transforms - Double precision	
ii libfftw3-single3:amd64	3.3.4-2ubuntu1	amd64	Library for computing Fast Fourier Transforms - Single precision	
ii libfile-basedir-perl	0.07-1	all	Perl module to use the freedesktop basedir specification	
ii libfile-copy-recursive-perl	0.38-1	all	Perl extension for recursively copying files and directories	
ii libfile-desktopentry-perl	0.22-1	all	Perl module to handle freedesktop .desktop files	
ii libfile-fcntllock-perl	0.22-3	amd64	Perl module for file locking with fcntl(2)	
ii libfile-homedir-perl	1.00-1	all	Perl module for finding user directories across platforms	
ii libfile-listing-perl	6.04-1	all	module to parse directory listings	
ii libfile-mimeinfo-perl	0.27-1	all	Perl module to determine file types	
ii libfile-stripnondeterminism-perl	0.015-1	all	Perl module for stripping non-determinism from files	
ii libfile-which-perl	1.19-1	all	Perl module for searching paths for executable programs	
ii libfl-dev:amd64	2.6.0-11	amd64	static library for flex (a fast lexical analyzer generator)	
ii libflac8:amd64	1.3.1-4	amd64	Free Lossless Audio Codec - runtime C library	
ii libflac8:i386	1.3.1-4	i386	Free Lossless Audio Codec - runtime C library	
ii libflite1:amd64	2.0.0-release-1	amd64	Small run-time speech synthesis engine - shared libraries	
ii libfluidsynth1:amd64	1.1.6-3	amd64	Real-time MIDI software synthesizer (runtime library)	
ii libfont-afm-perl				

1.20-1	all	Font::AFM - Interface to Adobe Font Metrics files		
ii libfontconfig1:amd64 configuration library - runtime		2.11.94-0ubuntu1.1	amd64	generic font
ii libfontconfig1:i386 configuration library - runtime		2.11.94-0ubuntu1.1	i386	generic font
ii libfontconfig1-dev:amd64 configuration library - development		2.11.94-0ubuntu1.1	amd64	generic font
ii libfontembed1:amd64 CUPS Filters - Font Embed Shared library		1.8.3-2ubuntu3.1	amd64	OpenPrinting
ii libfontenc1:amd64 library		1:1.1.3-1	amd64	X11 font encoding
ii libframe6:amd64 2.5.0daily13.06.05+16.04.20160809-0ubuntu1	amd64			Touch Frame Library
ii libfreehand-0.1-1:amd64 the FreeHand file format structure		0.1.1-1ubuntu1	amd64	Library for parsing
ii libfreehep-export-java As Library		2.1.1-2	all	FreeHEP Export and Save
ii libfreehep-graphics2d-java Library		2.1.1-4	all	FreeHEP 2D Graphics
ii libfreehep-graphicsio-emf-java Enhanced Metafile Format Driver		2.1.1-emfplus+dfsg1-2	all	FreeHEP
ii libfreehep-graphicsio-java Base Library		2.1.1-3	all	FreeHEP GraphicsIO
ii libfreehep-graphicsio-pdf-java all FreeHEP Portable Document Format Driver		2.1.1+dfsg-1		
ii libfreehep-graphicsio-svg-java Vector Graphics Driver		2.1.1-3	all	FreeHEP Scalable
ii libfreehep-graphicsio-tests-java Test Library		2.1.1+dfsg1-3	all	FreeHEP GraphicsIO
ii libfreehep-io-java		2.0.2-4	all	FreeHEP I/O library
ii libfreehep-swing-java		2.0.3-3	all	FreeHEP swing extensions
ii libfreehep-util-java		2.0.2-5	all	FreeHEP utility library
ii libfreehep-xml-java		2.1.2+dfsg1-3	all	FreeHEP XML Library
ii libfreerdp-cache1.1:amd64 1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64			Free Remote Desktop Protocol library (cache library)
ii libfreerdp-client1.1:amd64 Remote Desktop Protocol library (client library)		1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Free
ii libfreerdp-codec1.1:amd64 Free Remote Desktop Protocol library (codec library)		1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	
ii libfreerdp-common1.1.0:amd64 Free Remote Desktop Protocol library (common library)		1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	
ii libfreerdp-core1.1:amd64 Remote Desktop Protocol library (core library)		1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Free
ii libfreerdp-crypto1.1:amd64 Free Remote Desktop Protocol library (freerdp-crypto library)		1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	
ii libfreerdp-gdi1.1:amd64		1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Free

Remote Desktop Protocol library (GDI library)

ii libfreerdp-locale1.1:amd64 1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1 amd64

Free Remote Desktop Protocol library (locale library)

ii libfreerdp-plugins-standard:amd64 1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1 amd64

RDP client for Windows Terminal Services (plugins)

ii libfreerdp-primitives1.1:amd64 1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1 amd64

Free Remote Desktop Protocol library (primitives library)

ii libfreerdp-utils1.1:amd64 1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1 amd64 Free

Remote Desktop Protocol library (freerdp-utils library)

ii libfreetype6:amd64 2.6.1-0.1ubuntu2
amd64 FreeType 2 font engine, shared library files

ii libfreetype6:i386 2.6.1-0.1ubuntu2 i386 FreeType 2 font engine,
shared library files

ii libfreetype6-dev:amd64 2.6.1-0.1ubuntu2 amd64 FreeType 2 font
engine, development files

ii libfribidi0:amd64 0.19.7-1 amd64 Free Implementation of
the Unicode BiDi algorithm

ii libfuse2:amd64 2.9.4-1ubuntu3.1 amd64 Filesystem in
Userspace (library)

ii libfwupd0:amd64 0.5-2ubuntu4 amd64 Library to manage
UEFI firmware updates

ii libfwupd1:amd64 0.7.0-0ubuntu4.3
amd64 Firmware update daemon library

ii libgail-3-0:amd64 3.18.9-1ubuntu3.1 amd64 GNOME
Accessibility Implementation Library -- shared libraries

ii libgail-common:amd64 2.24.30-1ubuntu1 amd64 GNOME
Accessibility Implementation Library -- common modules

ii libgail18:amd64 2.24.30-1ubuntu1 amd64 GNOME
Accessibility Implementation Library -- shared libraries

ii libgbm1:amd64 11.2.0-1ubuntu2.2 amd64 generic buffer
management API -- runtime

ii libgbm1:i386 11.2.0-1ubuntu2.2 i386 generic buffer
management API -- runtime

ii libgc1c2:amd64 1:7.4.2-7.3 amd64 conservative garbage collector for C and C++

ii libgcab-1.0-0:amd64 0.7-1 amd64 Microsoft Cabinet file
manipulation library

ii libgcc-4.9-dev:amd64 4.9.3-13ubuntu2 amd64 GCC support
library (development files)

ii libgcc-5-dev:amd64 5.4.0-6ubuntu1~16.04.4 amd64 GCC support
library (development files)

ii libgcc1:amd64 1:6.0.1-0ubuntu1 amd64 GCC support library

ii libgcc1:i386 1:6.0.1-0ubuntu1 i386 GCC support library

ii libgck-1-0:amd64 3.18.0-1ubuntu1
amd64 Glib wrapper library for PKCS#11 - runtime

ii libgconf-2-4:amd64 3.2.6-3ubuntu6 amd64 GNOME
configuration database system (shared libraries)

ii libgcr-3-common 3.18.0-1ubuntu1 all Library for Crypto UI

related tasks - common files				
ii libgcr-base-3-1:amd64	3.18.0-1ubuntu1	amd64	Library for Crypto	
related tasks				
ii libgcr-ui-3-1:amd64	3.18.0-1ubuntu1	amd64	Library for Crypto	
UI related tasks				
ii libgcrui11-dev	1.5.4-3+really1.6.5-2ubuntu0.2	all	transitional	
libgcrui11-dev package				
ii libgcrui20:amd64	1.6.5-2ubuntu0.2			
amd64 LGPL Crypto library - runtime library				
ii libgcrui20:i386	1.6.5-2ubuntu0.2	i386	LGPL Crypto library -	
runtime library				
ii libgcrui20-dev	1.6.5-2ubuntu0.2	amd64	LGPL Crypto library	
- development files				
ii libgd3:amd64	2.1.1-4ubuntu0.16.04.5	amd64	GD Graphics	
Library				
ii libgddata-common	0.17.4-1	all	Library for accessing	
GData webservices - common data files				
ii libgddata22:amd64	0.17.4-1	amd64	Library for accessing	
GData webservices - shared libraries				
ii libgdbm3:amd64	1.8.3-13.1	amd64		
GNU dbm database routines (runtime version)				
ii libgdiplus	4.2-1ubuntu1	amd64	interface library for	
System.Drawing of Mono				
ii libgdk-pixbuf2.0-0:amd64	2.32.2-1ubuntu1.2	amd64	GDK Pixbuf	
library				
ii libgdk-pixbuf2.0-0:i386	2.32.2-1ubuntu1.2	i386	GDK Pixbuf library	
ii libgdk-pixbuf2.0-common	2.32.2-1ubuntu1.2	all	GDK Pixbuf	
library - data files				
ii libgdk-pixbuf2.0-dev	2.32.2-1ubuntu1.2	amd64	GDK Pixbuf	
library (development files)				
ii libgee-0.8-2:amd64	0.18.0-1	amd64	GObject based	
collection and utility library				
ii libgeis1:amd64	2.2.17+16.04.20160126-0ubuntu1	amd64	Gesture engine interface	
support				
ii libgeoclue0:amd64	0.12.99-4ubuntu1	amd64	C API for GeoClue	
ii libgeoclue0:i386	0.12.99-4ubuntu1	i386	C API for GeoClue	
ii libgeocode-glib0:amd64	3.18.2-1	amd64	geocoding and	
reverse geocoding GLib library using Nominatim				
ii libgeoip1:amd64	1.6.9-1	amd64	non-DNS IP-to-country	
resolver library				
ii libgeonames0:amd64	0.2+16.04.20160321-0ubuntu1	amd64	Parse and	
query the geonames database dump				
ii libgeronimo-interceptor-3.0-spec-java	1.0.1-3fakesync1	all	Geronimo API implementation of the Interceptor 3.0 spec	
ii libgetopt-tabular-perl	0.3-2	all	table-driven argument	
parsing for Perl 5				
ii libgettextpo-dev:amd64	0.19.7-2ubuntu3	amd64	GNU	

Internationalization library development files				
ii	libgettextpo0:amd64	0.19.7-2ubuntu3	amd64	GNU
Internationalization library				
ii	libgexiv2-2:amd64	0.10.3-2	amd64	GObject-based wrapper around the Exiv2 library
ii	libgfortran-5-dev:amd64	5.4.0-6ubuntu1~16.04.4	amd64	Runtime library for GNU Fortran applications (development files)
ii	libgfortran3:amd64	5.4.0-6ubuntu1~16.04.4	amd64	Runtime library for GNU Fortran applications
ii	libgif7:amd64	5.1.4-0.3~16.04	amd64	library for GIF images (library)
ii	libgirepository-1.0-1:amd64	1.46.0-3ubuntu1	amd64	Library for handling GObject introspection data (runtime library)
ii	libgl1-mesa-dev:amd64	11.2.0-1ubuntu2.2	amd64	free implementation of the OpenGL API -- GLX development files
ii	libgl1-mesa-dri:amd64	11.2.0-1ubuntu2.2	amd64	free implementation of the OpenGL API -- DRI modules
ii	libgl1-mesa-dri:i386	11.2.0-1ubuntu2.2	i386	free implementation of the OpenGL API -- DRI modules
ii	libgl1-mesa-glx:amd64	11.2.0-1ubuntu2.2	amd64	free implementation of the OpenGL API -- GLX runtime
ii	libgl1-mesa-glx:i386	11.2.0-1ubuntu2.2	i386	free implementation of the OpenGL API -- GLX runtime
ii	libglapi-mesa:amd64	11.2.0-1ubuntu2.2	amd64	free implementation of the GL API -- shared library
ii	libglapi-mesa:i386	11.2.0-1ubuntu2.2	i386	free implementation of the GL API -- shared library
ii	libglew1.13:amd64	1.13.0-2	amd64	OpenGL Extension Wrangler - runtime environment
ii	libglewmx1.13:amd64	1.13.0-2	amd64	OpenGL Extension Wrangler (Multiple Rendering Contexts)
ii	libglib2.0-0:amd64	2.48.2-0ubuntu1	amd64	GLib library of C routines
ii	libglib2.0-0:i386	2.48.2-0ubuntu1	i386	GLib library of C routines
ii	libglib2.0-bin	2.48.2-0ubuntu1	amd64	Programs for the GLib library
ii	libglib2.0-data	2.48.2-0ubuntu1	all	Common files for GLib library
ii	libglib2.0-dev	2.48.2-0ubuntu1	amd64	Development files for the GLib library
ii	libglibmm-2.4-1v5:amd64	2.46.3-1	amd64	C++ wrapper for the GLib toolkit (shared libraries)
ii	libglu1-mesa:amd64	9.0.0-2.1	amd64	Mesa OpenGL utility library (GLU)

ii libgme0:amd64 for video game music files - shared library	0.6.0-3ubuntu0.16.04.1	amd64	Playback library
ii libgmime-2.6-0:amd64 parser and creator library - runtime	2.6.20-1	amd64	MIME message
ii libgmp-dev:amd64 arithmetic library developers tools	2:6.1.0+dfsg-2	amd64	Multiprecision
ii libgmp10:amd64 arithmetic library	2:6.1.0+dfsg-2	amd64	Multiprecision
ii libgmp10:i386 arithmetic library	2:6.1.0+dfsg-2	i386	Multiprecision
ii libgmpxx4ldbl:amd64 arithmetic library (C++ bindings)	2:6.1.0+dfsg-2	amd64	Multiprecision
ii libgnome-bluetooth13:amd64 Bluetooth tools - support library	3.18.2-1ubuntu2	amd64	GNOME
ii libgnome-desktop-3-12:amd64 for loading .desktop files - runtime files	3.18.2-1ubuntu1	amd64	Utility library
ii libgnome-keyring-common services library - data files	3.12.0-1build1	all	GNOME keyring
ii libgnome-keyring0:amd64 services library	3.12.0-1build1	amd64	GNOME keyring
ii libgnome-menu-3-0:amd64 implementation of the freedesktop menu specification	3.13.3-6ubuntu3.1	amd64	GNOME
ii libgnomekbd-common manage keyboard configuration - common files	3.6.0-1ubuntu2	all	GNOME library to
ii libgnomekbd8:amd64 manage keyboard configuration - shared library	3.6.0-1ubuntu2	amd64	GNOME library to
ii libgnutls-openssl127:amd64 library - OpenSSL wrapper	3.4.10-4ubuntu1.2	amd64	GNU TLS
ii libgnutls30:amd64 main runtime library	3.4.10-4ubuntu1.2	amd64	GNU TLS library -
ii libgnutls30:i386 main runtime library	3.4.10-4ubuntu1.2	i386	GNU TLS library -
ii libgoa-1.0-0b:amd64 amd64 library for GNOME Online Accounts	3.18.3-1ubuntu2		
ii libgoa-1.0-common Online Accounts - common files	3.18.3-1ubuntu2	all	library for GNOME
ii libgom-1.0-0:amd64 GObjects to SQLite	0.3.1-1	amd64	Object mapper from
ii libgom-1.0-common independent files	0.3.1-1	all	libgom architecture-
ii libgomp1:amd64 (GOMP) support library	5.4.0-6ubuntu1~16.04.4	amd64	GCC OpenMP
ii libgpg-error-dev error values and messages in GnuPG components (development)	1.21-2ubuntu1	amd64	library for common
ii libgpg-error0:amd64 amd64 library for common error values and messages in GnuPG components	1.21-2ubuntu1		
ii libgpg-error0:i386 i386 library for common	1.21-2ubuntu1	i386	library for common

error values and messages in GnuPG components				
ii	libgpgme11:amd64	1.6.0-1	amd64	GPGME - GnuPG
Made Easy (library)				
ii	libgphoto2-6:amd64	2.5.9-3	amd64	gphoto2 digital camera
library				
ii	libgphoto2-110n	2.5.9-3	all	gphoto2 digital camera
library - localized messages				
ii	libgphoto2-port12:amd64	2.5.9-3	amd64	gphoto2 digital
camera port library				
ii	libgpm2:amd64	1.20.4-6.1		
	amd64	General Purpose Mouse - shared library		
ii	libgpm2:i386	1.20.4-6.1	i386	General Purpose Mouse -
shared library				
ii	libgpod-common	0.8.3-6ubuntu2	amd64	common files for
libgpod				
ii	libgpod4:amd64	0.8.3-6ubuntu2	amd64	library to read and
write songs and artwork to an iPod				
ii	libgrail6	3.1.0+16.04.20160125-0ubuntu1	amd64	Gesture
Recognition And Instantiation Library				
ii	libgraphite2-3:amd64	1.3.6-1ubuntu1	amd64	Font rendering
engine for Complex Scripts -- library				
ii	libgraphite2-3:i386	1.3.6-1ubuntu1		
	i386	Font rendering engine for Complex Scripts -- library		
ii	libgrilo-0.2-1:amd64	0.2.15-1	amd64	Framework for
discovering and browsing media - Shared libraries				
ii	libgs9:amd64	9.18~dfsg~0-0ubuntu2.3	amd64	interpreter for the
PostScript language and for PDF - Library				
ii	libgs9-common	9.18~dfsg~0-0ubuntu2.3	all	interpreter for the
PostScript language and for PDF - common files				
ii	libgsettings-qt1:amd64	0.1+16.04.20160329-0ubuntu1	amd64	Library to
access GSettings from Qt				
ii	libgsl2:amd64	2.1+dfsg-2	amd64	GNU Scientific Library
(GSL) -- library package				
ii	libgsm1:amd64			
		1.0.13-4	amd64	Shared libraries for GSM speech
compressor				
ii	libgssapi-krb5-2:amd64	1.13.2+dfsg-5ubuntu1	amd64	MIT Kerberos
runtime libraries - krb5 GSS-API Mechanism				
ii	libgssapi-krb5-2:i386	1.13.2+dfsg-5ubuntu1	i386	MIT Kerberos
runtime libraries - krb5 GSS-API Mechanism				
ii	libgssapi3-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1	amd64	Heimdal
Kerberos - GSSAPI support library				
ii	libgstreamer-plugins-bad1.0-0:amd64	1.8.2-1ubuntu0.2	amd64	GStreamer
development files for libraries from the "bad" set				
ii	libgstreamer-plugins-base1.0-0:amd64	1.8.2-1ubuntu0.2	amd64	GStreamer
libraries				
from the "base" set				
ii	libgstreamer-plugins-base1.0-0:i386	1.8.2-1ubuntu0.2	i386	GStreamer

libraries from the "base" set			
ii	libgstreamer-plugins-good1.0-0:amd64	1.8.2-1ubuntu0.3	amd64 GStreamer
development files for libraries from the "good" set			
ii	libgstreamer-plugins-good1.0-0:i386	1.8.2-1ubuntu0.3	i386 GStreamer
development files for libraries from the "good" set			
ii	libgstreamer1.0-0:amd64	1.8.2-1~ubuntu1	amd64 Core GStreamer
libraries and elements			
ii	libgstreamer1.0-0:i386	1.8.2-1~ubuntu1	i386 Core GStreamer
libraries and elements			
ii	libgtk-3-0:amd64	3.18.9-1ubuntu3.1	amd64
GTK+ graphical user interface library			
ii	libgtk-3-bin	3.18.9-1ubuntu3.1	amd64 programs for the GTK+
graphical user interface library			
ii	libgtk-3-common	3.18.9-1ubuntu3.1	all common files for the
GTK+ graphical user interface library			
ii	libgtk2.0-0:amd64	2.24.30-1ubuntu1	amd64 GTK+ graphical
user interface library			
ii	libgtk2.0-0:i386	2.24.30-1ubuntu1	i386 GTK+ graphical user
interface library			
ii	libgtk2.0-bin	2.24.30-1ubuntu1	amd64 programs for the
GTK+ graphical user interface library			
ii	libgtk2.0-common	2.24.30-1ubuntu1	
all common files for the GTK+ graphical user interface library			
ii	libgtk2.0-dev	2.24.30-1ubuntu1	amd64 development files for
the GTK+ library			
ii	libgtkglext1:amd64	1.2.0-3.2fakesync1ubuntu1	amd64 OpenGL
Extension to GTK+ (shared libraries)			
ii	libgtkmm-3.0-1v5:amd64	3.18.0-1	amd64 C++ wrappers for
GTK+ (shared libraries)			
ii	libgtksourcview-3.0-1:amd64	3.18.2-1	amd64 shared libraries for
the GTK+ syntax highlighting widget			
ii	libgtksourcview-3.0-common	3.18.2-1	all common files for the
GTK+ syntax highlighting widget			
ii	libgtksPELL3-3-0:amd64	3.0.7-2	
amd64 spell-checking addon for GTK+'s TextView widget			
ii	libgtop-2.0-10:amd64	2.32.0-1	amd64 gtop system
monitoring library (shared)			
ii	libgtop2-common	2.32.0-1	all gtop system monitoring
library (common)			
ii	libguava-java	19.0-1	all Suite of Google common
libraries for Java			
ii	libgucharmap-2-90-7:amd64	1:3.18.2-1ubuntu1	amd64 Unicode
browser widget library (shared library)			
ii	libgudev-1.0-0:amd64	1:230-2	amd64 GObject-based
wrapper library for libudev			
ii	libgudev-1.0-0:i386	1:230-2	
i386 GObject-based wrapper library for libudev			
ii	libguice-java	4.0-2	all lightweight dependency

injection framework for Java 5 and above				
ii libgusb2:amd64	0.2.9-0ubuntu1	amd64		GLib wrapper around libusb1
ii libgutenprint2	5.2.11-1	amd64		runtime for the Gutenprint printer driver library
ii libgvc6	2.38.0-12ubuntu2.1	amd64		rich set of graph drawing tools - gvc library
ii libgvpr2	2.38.0-12ubuntu2.1	amd64		rich set of graph drawing tools - gvpr library
ii libgweather-3-6:amd64	3.18.2-0ubuntu0.1	amd64		GWeather shared library
ii libgweather-common	3.18.2-0ubuntu0.1	all		GWeather common files
ii libgxps2:amd64	0.2.3.2-1	amd64		handling and rendering XPS documents (library)
ii libhamcrest-java	1.3-5ubuntu1	all		library of matchers for building test expressions
ii libhardware2	0.1.0+git20151016+6d424c9-0ubuntu7	amd64		Library to provide access to the Android libhardware HAL
ii libharfbuzz-dev	1.0.1-1ubuntu0.1	amd64		Development files for OpenType text shaping engine
ii libharfbuzz-gobject0:amd64	1.0.1-1ubuntu0.1	amd64		OpenType text shaping engine ICU backend (GObject library)
ii libharfbuzz-icu0:amd64	1.0.1-1ubuntu0.1	amd64		OpenType text shaping engine ICU backend
ii libharfbuzz-icu0:i386	1.0.1-1ubuntu0.1	i386		OpenType text shaping engine ICU backend
ii libharfbuzz0b:amd64	1.0.1-1ubuntu0.1	amd64		OpenType text shaping engine (shared library)
ii libharfbuzz0b:i386	1.0.1-1ubuntu0.1	i386		OpenType text shaping engine (shared library)
ii libhcrypto4-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1	amd64		Heimdal Kerberos - crypto library
ii libheimbase1-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1	amd64		Heimdal Kerberos - Base library
ii libheimntlm0-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1	amd64		Heimdal Kerberos - NTLM support library
ii libhighgui-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64		Translation package for libhighgui-dev
ii libhogweed4:amd64	3.2-1ubuntu0.16.04.1	amd64		low level cryptographic library (public-key cryptos)
ii libhogweed4:i386	3.2-1ubuntu0.16.04.1	i386		low level cryptographic library (public-key cryptos)
ii libhpmud0:amd64	3.16.3+repack0-1	amd64		HP Multi-Point Transport Driver (hpmud) run-time libraries
ii libhtml-form-perl	6.03-1	all		module that represents an HTML form element
ii libhtml-format-perl	2.11-2	all		module for transforming

HTML into various formats				
ii libhtml-parser-perl	3.72-1		amd64	collection of modules that
parse HTML text documents				
ii libhtml-tagset-perl	3.20-2		all	Data tables pertaining to
HTML				
ii libhtml-tree-perl	5.03-2		all	Perl module to represent and
create HTML syntax trees				
ii libhttp-cookies-perl	6.01-1		all	HTTP cookie jars
ii libhttp-daemon-perl	6.01-1	all		simple http server class
ii libhttp-date-perl	6.02-1		all	module of date conversion
routines				
ii libhttp-message-perl	6.11-1		all	perl interface to HTTP style
messages				
ii libhttp-negotiate-perl	6.00-2		all	implementation of content
negotiation				
ii libhttpclient-java	4.5.1-1		all	HTTP/1.1 compliant HTTP
agent implementation				
ii libhttpcore-java	4.4.4-1		all	set of low level HTTP
transport components for Java				
ii libhud2:amd64	14.10+16.04.20160415-0ubuntu1			
amd64				library for exporting items to the Unity HUD
ii libhunspell-1.3-0:amd64	1.3.3-4ubuntu1		amd64	spell checker and
morphological analyzer (shared library)				
ii libhunspell-1.3-0:i386	1.3.3-4ubuntu1		i386	spell checker and
morphological analyzer (shared library)				
ii libhx509-5-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1		amd64	Heimdal
Kerberos - X509 support library				
ii libhybris	0.1.0+git20151016+6d424c9-0ubuntu7		amd64	Allows to run
bionic-based HW adaptations in glibc systems - libs				
ii libhybris-common1	0.1.0+git20151016+6d424c9-0ubuntu7		amd64	
Common library that contains the Android linker and custom hooks				
ii libhyphen0:amd64	2.8.8-2ubuntu1		amd64	ALTLinux hyphenation library - shared
library				
ii libibus-1.0-5:amd64	1.5.11-1ubuntu2		amd64	Intelligent Input
Bus - shared library				
ii libical1a:amd64	1.0.1-0ubuntu2		amd64	iCalendar library
implementation in C (runtime)				
ii libice-dev:amd64	2:1.0.9-1		amd64	X11 Inter-Client
Exchange library (development headers)				
ii libice6:amd64	2:1.0.9-1		amd64	X11 Inter-Client
Exchange library				
ii libice6:i386	2:1.0.9-1		i386	X11 Inter-Client Exchange
library				
ii libicu-dev:amd64	55.1-7		amd64	Development files for International
Components for Unicode				

ii libicu55:amd64 for Unicode	55.1-7	amd64	International Components
ii libicu55:i386 Unicode	55.1-7	i386	International Components for
ii libidn11:amd64 implementation of IETF IDN specifications	1.32-3ubuntu1.1	amd64	GNU Libidn library,
ii libidn11:i386 implementation of IETF IDN specifications	1.32-3ubuntu1.1	i386	GNU Libidn library,
ii libido3-0.1-0:amd64 library providing extra gtk menu items for display in	13.10.0+16.04.20161028-0ubuntu1	amd64	Shared
ii libiec61883-0:amd64 implementation of IEC 61883	1.2.0-0.2	amd64	an partial
ii libiec61883-0:i386 of IEC 61883	1.2.0-0.2	i386	an partial implementation
ii libieee1284-3:amd64 for parallel port access	0.2.11-12	amd64	cross-platform library
ii libijs-0.35:amd64 protocol: shared library	0.35-12	amd64	IJS raster image transport
ii libilmbase-dev ILMBase	2.2.0-11ubuntu2	amd64	development files for
ii libilmbase12:amd64 libraries from ILM used by OpenEXR	2.2.0-11ubuntu2	amd64	several utility
ii libimobiledevice6:amd64 communicating with the iPhone and iPod Touch	1.2.0+dfsg-3~ubuntu0.2	amd64	Library for
ii libindicator3-7 indicator applet - shared library	12.10.2+16.04.20151208-0ubuntu1	amd64	panel
ii libindicator7 applet - shared library	12.10.2+16.04.20151208-0ubuntu1	amd64	panel indicator
ii libinput10:amd64 management and event handling library - shared library	1.2.3-1ubuntu1	amd64	input device
ii libio-html-perl automatic charset detection	1.001-1	all	open an HTML file with
ii libio-pty-perl amd64 Perl module for pseudo tty IO	1:1.08-1.1build1		
ii libio-socket-inet6-perl AF_INET6 domain sockets	2.72-2	all	object interface for
ii libio-socket-ssl-perl object oriented interface to SSL sockets	2.024-1	all	Perl module implementing
ii libio-string-perl in-core strings	1.08-3	all	Emulate IO::File interface for
ii libipc-run-perl processes	0.94-1	all	Perl module for running
ii libipc-system-simple-perl commands simply, with detailed diagnostics	1.25-3	all	Perl module to run
ii libisc-export160	1:9.10.3.dfsg.P4-8ubuntu1.4		

	amd64	Exported ISC Shared Library			
ii	libisc160:amd64		1:9.10.3.dfsg.P4-8ubuntu1.4	amd64	ISC Shared Library used by BIND
ii	libisccc140:amd64		1:9.10.3.dfsg.P4-8ubuntu1.4	amd64	Command Channel Library used by BIND
ii	libiscfg140:amd64		1:9.10.3.dfsg.P4-8ubuntu1.4	amd64	Config File Handling Library used by BIND
ii	libisl15:amd64		0.16.1-1	amd64	manipulating sets and relations of integer points bounded by linear constraints
ii	libitm1:amd64		5.4.0-6ubuntu1~16.04.4	amd64	GNU Transactional Memory Library
ii	libiw30:amd64		30~pre9-8ubuntu1		
	amd64	Wireless tools - library			
ii	libjack-jackd2-0:amd64		1.9.10+20150825git1ed50c92~dfsg-1ubuntu1	amd64	JACK Audio Connection Kit (libraries)
ii	libjack-jackd2-0:i386		1.9.10+20150825git1ed50c92~dfsg-1ubuntu1	i386	JACK Audio Connection Kit (libraries)
ii	libjas-java		2.5.4408-1	all	Java object-oriented type-safe Algebra System
ii	libjas-plotter-java		2.2.6+dfsg1-2	all	JAS(2) Plotter graphic library
ii	libjasper-dev		1.900.1-debian1-2.4ubuntu1	amd64	Development files for the JasPer JPEG-2000 library
ii	libjasper1:amd64		1.900.1-debian1-2.4ubuntu1	amd64	JasPer JPEG-2000 runtime library
ii	libjavascriptcoregtk-1.0-0:i386		2.4.11-0ubuntu0.1	i386	JavaScript engine library from WebKitGTK+
ii	libjavascriptcoregtk-4.0-18:amd64		2.14.3-0ubuntu0.16.04.1	amd64	JavaScript engine library from WebKitGTK+
ii	libjavascriptcoregtk-4.0-18:i386		2.14.3-0ubuntu0.16.04.1	i386	JavaScript engine library from WebKitGTK+
ii	libjaxen-java		1.1.6-1ubuntu1	all	Java XPath engine
ii	libjaxp1.3-java		1.3.05-2ubuntu3	all	Java XML parser and transformer APIs (DOM, SAX, JAXP, TrAX)
ii	libjbig-dev:amd64		2.1-3.1	amd64	JBIGkit development files
ii	libjbig0:amd64		2.1-3.1	amd64	JBIGkit libraries
ii	libjbig0:i386		2.1-3.1	i386	JBIGkit libraries
ii	libjbig2dec0		0.12+20150918-1	amd64	JBIG2 decoder library - shared libraries
ii	libjcommon-java		1.0.16-5	all	General Purpose library for Java
ii	libjdom1-java		1.1.3-1	all	lightweight and fast library using XML
ii	libjetty-java		6.1.26-5	all	Java servlet engine and webserver -- core libraries
ii	libjfreechart-java				

1.0.13-8	all	Chart library for Java		
ii libjffmugue-java programming		4.0.3-3	all	Java API for music
ii libjlatemath-java math mode wrote in Java		1.0.3-1	all	Implementation of LaTeX
ii libjpeg-dev:amd64 Group's JPEG runtime library (dependency package)		8c-2ubuntu8	amd64	Independent JPEG
ii libjpeg-turbo8:amd64 compliant runtime library.		1.4.2-0ubuntu3	amd64	IJG JPEG
ii libjpeg-turbo8:i386 runtime library.		1.4.2-0ubuntu3	i386	IJG JPEG compliant
ii libjpeg-turbo8-dev:amd64 amd64		1.4.2-0ubuntu3		Development files for the IJG JPEG library
ii libjpeg62:i386 JPEG runtime library (version 6.2)		1:6b2-2	i386	Independent JPEG Group's
ii libjpeg8:amd64 Group's JPEG runtime library (dependency package)		8c-2ubuntu8	amd64	Independent JPEG
ii libjpeg8:i386 Group's JPEG runtime library (dependency package)		8c-2ubuntu8	i386	Independent JPEG
ii libjpeg8-dev:amd64 Group's JPEG runtime library (dependency package)		8c-2ubuntu8	amd64	Independent JPEG
ii libjs-inherits Node.js environment		2.0.1-3	all	Exposes inherits function from
ii libjs-jquery dynamic web applications		1.11.3+dfsg-4	all	JavaScript library for
ii libjs-modernizr detect HTML5 and CSS3 features in the user's browser		2.6.2+ds1-1ubuntu1	all	JavaScript library to
ii libjs-node-uuid RFC4122 UUIDs - JavaScript library		1.4.0-1	all	simple, fast generation of
ii libjs-sphinxdoc Sphinx documentation		1.3.6-2ubuntu1	all	JavaScript support for
ii libjs-underscore programming helper library		1.7.0~dfsg-1ubuntu1	all	JavaScript's functional
ii libjsch-java all		0.1.53-1ubuntu1		Java implementation of the SSH2 protocol
ii libjson-c2:amd64 library - shared library		0.11-4ubuntu2	amd64	JSON manipulation
ii libjson-c2:i386 library - shared library		0.11-4ubuntu2	i386	JSON manipulation
ii libjson-glib-1.0-0:amd64 manipulation library		1.1.2-0ubuntu1	amd64	Glib JSON
ii libjson-glib-1.0-common manipulation library (common files)		1.1.2-0ubuntu1	all	Glib JSON
ii libjsoncpp1:amd64 writing JSON for C++		1.7.2-1	amd64	library for reading and
ii libsoup-java		1.8.3-1		

all	Java HTML parser that makes sense of real-world HTML soup			
ii libjsr305-java	0.1~+svn49-9		all	Java library that provides annotations for software defect detection
ii libk5crypto3:amd64	1.13.2+dfsg-5ubuntu1		amd64	MIT Kerberos runtime libraries - Crypto Library
ii libk5crypto3:i386	1.13.2+dfsg-5ubuntu1		i386	MIT Kerberos runtime libraries - Crypto Library
ii libkate1:amd64	0.4.1-7		amd64	Codec for karaoke and text encapsulation
ii libkeyutils1:amd64	1.5.9-8ubuntu1		amd64	Linux Key Management Utilities (library)
ii libkeyutils1:i386	1.5.9-8ubuntu1	i386		Linux Key Management Utilities (library)
ii libklibc	2.0.4-8ubuntu1.16.04.2		amd64	minimal libc subset for use with initramfs
ii libkmod2:amd64	22-1ubuntu4		amd64	libkmod shared library
ii libkpathsea6:amd64	2015.20160222.37495-1		amd64	TeX Live: path search library for TeX (runtime part)
ii libkrb5-26-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1		amd64	Heimdal Kerberos - libraries
ii libkrb5-3:amd64	1.13.2+dfsg-5ubuntu1		amd64	MIT Kerberos runtime libraries
ii libkrb5-3:i386	1.13.2+dfsg-5ubuntu1		i386	MIT Kerberos runtime libraries
ii libkrb5support0:amd64	1.13.2+dfsg-5ubuntu1		amd64	MIT Kerberos runtime libraries - Support library
ii libkrb5support0:i386	1.13.2+dfsg-5ubuntu1		i386	MIT Kerberos runtime libraries - Support library
ii libksba8:amd64	1.3.3-1ubuntu0.16.04.1		amd64	X.509 and CMS support library
ii liblangtag-common	0.5.7-2ubuntu1		all	library to access tags for identifying languages -- data
ii liblangtag1:amd64	0.5.7-2ubuntu1		amd64	library to access tags for identifying languages
ii liblapack-dev	3.6.0-2ubuntu2		amd64	Library of linear algebra routines 3 - static version
ii liblapack3	3.6.0-2ubuntu2		amd64	Library of linear algebra routines 3 - shared version
ii liblcms2-2:amd64	2.6-3ubuntu2		amd64	Little CMS 2 color management library
ii liblcms2-2:i386	2.6-3ubuntu2		i386	Little CMS 2 color management library
ii liblcms2-utils	2.6-3ubuntu2		amd64	Little CMS 2 color management library (utilities)
ii libldap-2.4-2:amd64	2.4.42+dfsg-2ubuntu3.1		amd64	OpenLDAP libraries
ii libldb1:amd64	2:1.1.24-1ubuntu3			

amd64	LDAP-like embedded database - shared library			
ii	liblightdm-gobject-1-0:amd64	1.18.3-0ubuntu1	amd64	LightDM GObject client library
ii	liblircclient0:amd64	0.9.0-0ubuntu6	amd64	infra-red remote control support - client library
ii	liblist-moreutils-perl	0.413-1build1	amd64	Perl module with additional list functions not found in List::Util
ii	liblldb-3.8	1:3.8-2ubuntu4	amd64	Next generation, high- performance debugger, library
ii	libllvm3.8:amd64	1:3.8-2ubuntu4	amd64	Modular compiler and toolchain technologies, runtime library
ii	libllvm3.8:i386	1:3.8-2ubuntu4		i386 Modular compiler and toolchain technologies, runtime library
ii	liblocale-gettext-perl	1.07-1build1	amd64	module using libc functions for internationalization in Perl
ii	liblog4j1.2-java	1.2.17-7ubuntu1	all	Logging library for java
ii	liblouis-data	2.6.4-2	all	Braille translation library - data
ii	liblouis9:amd64	2.6.4-2	amd64	Braille translation library - shared libs
ii	liblouisutdml-bin	2.5.0-3	amd64	Braille UTDML translation utilities
ii	liblouisutdml-data	2.5.0-3		all Braille UTDML translation library - data
ii	liblouisutdml6:amd64	2.5.0-3	amd64	Braille UTDML translation library - shared libs
ii	liblqr-1-0:amd64	0.4.2-2	amd64	converts plain array images into multi-size representation
ii	liblsan0:amd64	5.4.0-6ubuntu1~16.04.4	amd64	LeakSanitizer -- a memory leak detector (runtime)
ii	libltdl7:amd64	2.4.6-0.1	amd64	System independent dlopen wrapper for GNU libtool
ii	liblua5.1-0:amd64	5.1.5-8ubuntu1	amd64	Shared library for the Lua interpreter version 5.1
ii	liblua5.2-0:amd64	5.2.4-1ubuntu1	amd64	Shared library for the Lua interpreter version 5.2
ii	libluajit-5.1-2:amd64	2.0.4+dfsg-1	amd64	Just in time compiler for Lua - library version
ii	libluajit-5.1-common	2.0.4+dfsg-1	all	Just in time compiler for Lua - common files
ii	liblwp-mediatypes-perl	6.02-1	all	module to guess media type for a file or a URL
ii	liblwp-protocol-https-perl	6.06-2	all	HTTPS driver for LWP::UserAgent
ii	liblwres141:amd64	1:9.10.3.dfsg.P4-8ubuntu1.4	amd64	Lightweight Resolver Library used by BIND
ii	liblz4-1:amd64			

	0.0~r131-2ubuntu2	amd64	Fast LZ compression algorithm library - runtime
ii	liblzma-dev:amd64	5.1.1alpha+20120614-2ubuntu2	amd64 XZ-format compression library - development files
ii	liblzma5:amd64	5.1.1alpha+20120614-2ubuntu2	amd64 XZ-format compression library
ii	liblzma5:i386	5.1.1alpha+20120614-2ubuntu2	i386 XZ-format compression library
ii	liblzo2-2:amd64	2.08-1.2	amd64 data compression library
ii	libmad0:amd64	0.15.1b-8ubuntu1	amd64 MPEG audio decoder library
ii	libmagic1:amd64	1:5.25-2ubuntu1	amd64 File type determination library using "magic" numbers
ii	libmagickcore-6.q16-2:amd64	8:6.8.9.9-7ubuntu5.3	amd64 low-level image manipulation library -- quantum depth Q16
ii	libmagickcore-6.q16-2-extra:amd64	8:6.8.9.9-7ubuntu5.3	amd64 low-level image manipulation library - extra codecs (Q16)
ii	libmagickwand-6.q16-2:amd64	8:6.8.9.9-7ubuntu5.3	amd64 image manipulation library
ii	libmail-sendmail-perl	0.79.16-1	all Send email from a perl script
ii	libmailtools-perl	2.13-1	all Manipulate email in perl programs
ii	libmaven-parent-java	21-2	all Maven metadata for Apache Maven itself
ii	libmaven2-core-java	2.2.1-24	all Core libraries for Maven2
ii	libmaven3-core-java	3.3.9-3	all Core libraries for Maven 3
ii	libmbim-glib4:amd64	1.12.2-2ubuntu1	amd64 Support library to use the MBIM protocol
ii	libmbim-proxy	1.12.2-2ubuntu1	amd64 Proxy to communicate with MBIM ports
ii	libmedia1	0.1.0+git20151016+6d424c9-0ubuntu7	amd64 Library to provide access to the Android Media HAL
ii	libmediaart-2.0-0:amd64	1.9.0-2	amd64 media art extraction and cache management library
ii	libmessaging-menu0:amd64	13.10.1+15.10.20150505-0ubuntu1	amd64 Messaging Menu - shared library
ii	libmetacity-private3a:amd64	1:3.18.7-0ubuntu0.2	amd64 library for the Metacity window manager
ii	libmhash2:amd64	0.9.9.9-7	amd64 Library for cryptographic hashing and message authentication
ii	libmimic0:amd64	1.0.4-2.3	amd64 A video codec for Mimic V2.x content
ii	libminiupnpc10:amd64	1.9.20140610-2ubuntu2	amd64 UPnP IGD client lightweight library
ii	libmirclient9:amd64	0.21.0+16.04.20160330-0ubuntu1	amd64 Display server for Ubuntu - client library
ii	libmircommon5:amd64	0.21.0+16.04.20160330-0ubuntu1	amd64 Display

server for Ubuntu - shared library				
ii libmirprotobuf3:amd64	0.21.0+16.04.20160330-0ubuntu1	amd64	Display	
server for Ubuntu - RPC definitions				
ii libmjpegutils-2.1-0	1:2.1.0+debian-4	amd64	MJPEG	
capture/editing/replay and MPEG encoding toolset (library)				
ii libmm-glib0:amd64	1.4.12-1ubuntu1	amd64	D-Bus service for	
managing modems - shared libraries				
ii libmms0:amd64	0.6.4-1	amd64	MMS stream protocol	
library - shared library				
ii libmng2:amd64	2.0.2-0ubuntu3			
amd64	Multiple-image Network Graphics library			
ii libmng2:i386	2.0.2-0ubuntu3	i386	Multiple-image Network	
Graphics library				
ii libmnl0:amd64	1.0.3-5	amd64	minimalistic Netlink	
communication library				
ii libmodplug1:amd64	1:0.8.8.5-2	amd64	shared libraries for	
mod music based on ModPlug				
ii libmono-2.0-dev	4.2.1.102+dfsg2-7ubuntu4	amd64	Mono JIT library	
- Development files (Default version)				
ii libmono-accessibility4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	
Accessibility library (for CLI 4.0)				
ii libmono-c5-1.1-cil	4.2.1.102+dfsg2-7ubuntu4			
all	Mono C5 library			
ii libmono-cairo4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono Cairo library	
(for CLI 4.0)				
ii libmono-cecil-private-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono.Cecil	
library				
ii libmono-cil-dev	4.2.1.102+dfsg2-7ubuntu4	all	Mono Base Class	
Libraries (BCL) - Development files				
ii libmono-codecontracts4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all		
Mono.CodeContracts library (for CLI 4.0)				
ii libmono-compilerservices-symbolwriter4.0-cil	4.2.1.102+dfsg2-7ubuntu4		all	
Mono.CompilerServices.SymbolWriter library (for CLI 4.0)				
ii libmono-corlib4.5-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono core library	
(for CLI 4.5)				
ii libmono-cscompmgd0.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	
cscompmgd library (for CLI 4.0)				
ii libmono-csharp4.0c-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono.CSharp	
library (for CLI 4.0)				
ii libmono-custommarshallers4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	
CustomMarshallers library (for CLI 4.0)				
ii libmono-data-tds4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono Data	
Library (for CLI 4.0)				
ii libmono-db2-1.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono DB2 library	
ii libmono-debugger-soft4.0a-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono Soft	
Debugger library (for CLI 4.0)				
ii libmono-http4.0-cil				

	4.2.1.102+dfsg2-7ubuntu4	all	Mono.Http library (for CLI 4.0)	
ii	libmono-i18n-cjk4.0-cil library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono I18N.CJK
ii	libmono-i18n-mideast4.0-cil I18N.MidEast library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii	libmono-i18n-other4.0-cil I18N.Other library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii	libmono-i18n-rare4.0-cil library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono I18N.Rare
ii	libmono-i18n-west4.0-cil I18N.West library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii	libmono-i18n4.0-all all Mono I18N libraries metapackage (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4		
ii	libmono-i18n4.0-cil library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono I18N base
ii	libmono-ldap4.0-cil library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono LDAP
ii	libmono-management4.0-cil Management library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii	libmono-messaging-rabbitmq4.0-cil Messaging RabbitMQ library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii	libmono-messaging4.0-cil Messaging library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii	libmono-microsoft-build-engine4.0-cil all Mono Microsoft.Build.Engine library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4		
ii	libmono-microsoft-build-framework4.0-cil Microsoft.Build.Framework library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii	libmono-microsoft-build-tasks-v4.0-4.0-cil Microsoft.Build.Tasks.v4.0 library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii	libmono-microsoft-build-utilities-v4.0-4.0-cil Microsoft.Build.Utilities.v4.0 library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii	libmono-microsoft-build4.0-cil Microsoft.Build library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii	libmono-microsoft-csharp4.0-cil Microsoft.CSharp library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii	libmono-microsoft-visualc10.0-cil all Mono Microsoft.VisualBasic library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4		
ii	libmono-microsoft-web-infrastructure1.0-cil Microsoft.Web.Infrastructure library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii	libmono-oracle4.0-cil library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono Oracle
ii	libmono-parallel4.0-cil library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono.Parallel
ii	libmono-peapi4.0a-cil library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono PEAPI
ii	libmono-posix4.0-cil library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono.Posix
ii	libmono-rabbitmq4.0-cil	4.2.1.102+dfsg2-7ubuntu4		

	all	Mono RabbitMQ.Client library (for CLI 4.0)		
ii	libmono-relaxng4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono Relaxng library (for CLI 4.0)
ii	libmono-security4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono Security library (for CLI 4.0)
ii	libmono-sharpzip4.84-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono SharpZipLib library (for CLI 4.0)
ii	libmono-simd4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono SIMD (for CLI 4.0)
ii	libmono-smiagnostics0.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono SMDiagnostics Library (for CLI 4.0)
ii	libmono-sqlite4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono Sqlite library (for CLI 4.0)
ii	libmono-system-componentmodel-composition4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.ComponentModel.Composition library (for CLI 4.0)
ii	libmono-system-componentmodel-dataannotations4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.ComponentModel.DataAnnotations library (for CLI 4.0)
ii	libmono-system-configuration-install4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Configuration.Install library (for CLI 4.0)
ii	libmono-system-configuration4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Configuration library (for CLI 4.0)
ii	libmono-system-core4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Core library (for CLI 4.0)
ii	libmono-system-data-datasetextensions4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Data.DataSetExtensions library (for CLI 4.0)
ii	libmono-system-data-entity4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Data.Entity library (for CLI 4.0)
ii	libmono-system-data-linq4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Data.Linq Library (for CLI 4.0)
ii	libmono-system-data-services-client4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Data.Services.Client library (for CLI 4.0)
ii	libmono-system-data-services4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Data.Services library (for CLI 4.0)
ii	libmono-system-data4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Data library (for CLI 4.0)
ii	libmono-system-design4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Design Library (for CLI 4.0)
ii	libmono-system-drawing-design4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Drawing.Design (for CLI 4.0)
ii	libmono-system-drawing4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Drawing library (for CLI 4.0)
ii	libmono-system-dynamic4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Dynamic library (for CLI 4.0)
ii	libmono-system-enterpriseservices4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.EnterpriseServices library (for CLI 4.0)
ii	libmono-system-identitymodel-selectors4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.IdentityModel.Selectors Library (for CLI 4.0)
ii	libmono-system-identitymodel4.0-cil			

	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.IdentityModel Library (for CLI 4.0)	
ii	libmono-system-io-compression-filesystem4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.IO.Compression.FileSystem library (for CLI 4.0)
ii	libmono-system-io-compression4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.IO.Compression library (for CLI 4.0)
ii	libmono-system-json-microsoft4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Json.Microsoft library (for CLI 4.0)
ii	libmono-system-json4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Json library (for CLI 4.0)
ii	libmono-system-ldap-protocols4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.DirectoryServices.Protocols library (for CLI 4.0)
ii	libmono-system-ldap4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.DirectoryServices library (for CLI 4.0)
ii	libmono-system-management4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Management library (for CLI 4.0)
ii	libmono-system-messaging4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Messaging library (for CLI 4.0)
ii	libmono-system-net-http-formatting4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Net.Http.Formatting library (for CLI 4.0)
ii	libmono-system-net-http-webrequest4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Net.Http.WebRequest library (for CLI 4.0)
ii	libmono-system-net-http4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Net.Http library (for CLI 4.0)
ii	libmono-system-net4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Net library (for CLI 4.0)
ii	libmono-system-numeric4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Numerics library (for CLI 4.0)
ii	libmono-system-reactive-core2.2-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Reactive.Core Library (for CLI 4.5)
ii	libmono-system-reactive-debugger2.2-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Reactive.Debugger Library (for CLI 4.5)
ii	libmono-system-reactive-experimental2.2-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Reactive.Experimental Library (for CLI 4.5)
ii	libmono-system-reactive-interfaces2.2-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Reactive.Interfaces Library (for CLI 4.5)
ii	libmono-system-reactive-linq2.2-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Reactive.Linq Library (for CLI 4.5)
ii	libmono-system-reactive-observable-aliases0.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Reactive.Linq Library (for CLI 4.5)
ii	libmono-system-reactive-platformservices2.2-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Reactive.PlatformServices Library (for CLI 4.5)
ii	libmono-system-reactive-providers2.2-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Reactive.Providers Library (for CLI 4.5)
ii	libmono-system-reactive-runtime-remoting2.2-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Reactive.Runtime.Remoting Library (for CLI 4.5)
ii	libmono-system-reactive-windows-forms2.2-cil			

4.2.1.102+dfsg2-7ubuntu4	all	Mono System.Reactive.Windows.Forms Library (for CLI 4.5)		
ii libmono-system-reactive-windows-threading2.2-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Reactive.Windows.Threading Library (for CLI 4.5)
ii libmono-system-runtime-caching4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Runtime.Caching Library (for CLI 4.0)
ii libmono-system-runtime-durableinstancing4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Runtime.DurableInstancing Library (for CLI 4.0)
ii libmono-system-runtime-serialization-formatters-soap4.0-cil	4.2.1.102+dfsg2-7ubuntu4		all	Mono System.Runtime.Serialization.Formatters.Soap Library (for CLI 4.0)
ii libmono-system-runtime-serialization4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Runtime.Serialization Library (for CLI 4.0)
ii libmono-system-runtime4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Runtime library (for CLI 4.0)
ii libmono-system-security4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Security library (for CLI 4.0)
ii libmono-system-servicemodel-activation4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.ServiceModel.Activation Library (for CLI 4.0)
ii libmono-system-servicemodel-discovery4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.ServiceModel.Discovery Library (for CLI 4.0)
ii libmono-system-servicemodel-internals0.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.ServiceModel.Internals Library (for CLI 4.0)
ii libmono-system-servicemodel-routing4.0-cil	4.2.1.102+dfsg2-7ubuntu4			all Mono System.ServiceModel.Routing Library (for CLI 4.0)
ii libmono-system-servicemodel-web4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.ServiceModel.Web Library (for CLI 4.0)
ii libmono-system-servicemodel4.0a-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.ServiceModel Library (for CLI 4.0)
ii libmono-system-serviceprocess4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.ServiceProcess library (for CLI 4.0)
ii libmono-system-threading-tasks-dataflow4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Threading.Tasks.Dataflow library (for CLI 4.0)
ii libmono-system-transactions4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Transactions library (for CLI 4.0)
ii libmono-system-web-abstractions4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Web.Abstractions library (for CLI 4.0)
ii libmono-system-web-applicationservices4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Web.ApplicationServices library (for CLI 4.0)
ii libmono-system-web-dynamicdata4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Web.DynamicData library (for CLI 4.0)
ii libmono-system-web-extensions-design4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Web.Extensions.Design library (for CLI 4.0)
ii libmono-system-web-extensions4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Web.Extensions library (for CLI 4.0)
ii libmono-system-web-http-selfhost4.0-cil	4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Web.Http.SelfHost library (for CLI 4.0)
ii				

libmono-system-web-http-webhost4.0-cil System.Web.Http.WebHost library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-web-http4.0-cil System.Web.Http library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-web-mvc3.0-cil ASP.NET MVC 3.0 Library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-web-razor2.0-cil System.Web.Razor (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-web-routing4.0-cil System.Web.Routing (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-web-services4.0-cil System.Web.Services (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-web-webpages-deployment2.0-cil 4.2.1.102+dfsg2-7ubuntu4	all	Mono	System.Web.WebPages.Deployment (for CLI 4.0)
ii libmono-system-web-webpages-razor2.0-cil System.Web.WebPages.Razor (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-web-webpages2.0-cil System.Web.WebPages (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-web4.0-cil System.Web library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-windows-forms-datavisualization4.0a-cil Mono System.Windows.Forms.DataVisualization Library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4		all
ii libmono-system-windows-forms4.0-cil System.Windows.Forms Library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-windows4.0-cil System.Windows library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-xaml4.0-cil System.Xaml Library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-xml-linq4.0-cil System.Xml.Linq library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-xml-serialization4.0-cil System.Xml.Serialization library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system-xml4.0-cil System.Xml library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-system4.0-cil libraries (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono System
ii libmono-tasklets4.0-cil library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono Tasklets
ii libmono-webbrowser4.0-cil Browser library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono Web
ii libmono-webmatrix-data4.0-cil WebMatrix.Data Library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-windowsbase4.0-cil WindowsBase library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono
ii libmono-xbuild-tasks4.0-cil Mono.XBuild.Tasks library (for CLI 4.0)	4.2.1.102+dfsg2-7ubuntu4	all	Mono

ii libmonoboehm-2.0-1 library (Boehm GC)	4.2.1.102+dfsg2-7ubuntu4	amd64	Mono JIT
ii libmonoboehm-2.0-dev (Boehm GC)	4.2.1.102+dfsg2-7ubuntu4	amd64	Mono JIT library - Development files
ii libmount1:amd64 library	2.27.1-6ubuntu3.2	amd64	device mounting
ii libmp3lame0:amd64 library	3.99.5+repack1-9build1	amd64	MP3 encoding
ii libmpc3:amd64 complex floating-point library	1.0.3-1	amd64	multiple precision
ii libmpdec2:amd64 floating point arithmetic (runtime library)	2.4.2-1	amd64	library for decimal
ii libmpeg2-4:amd64 video decoder library	0.5.1-7	amd64	MPEG1 and MPEG2
ii libmpeg2encpp-2.1-0 toolset (library)	1:2.1.0+debian-4	amd64	MJPEG capture/editing/replay and MPEG encoding
ii libmpfr4:amd64 floating-point computation	3.1.4-1	amd64	multiple precision
ii libmpg123-0:amd64 audio decoder (shared library)	1.22.4-1	amd64	MPEG layer 1/2/3
ii libmplex2-2.1-0 capture/editing/replay and MPEG encoding toolset (library)	1:2.1.0+debian-4	amd64	MJPEG
ii libmpx0:amd64 protection extensions (runtime)	5.4.0-6ubuntu1~16.04.4	amd64	Intel memory
ii libmspub-0.1-1:amd64 the mspub file structure	0.1.2-2ubuntu1	amd64	library for parsing
ii libmtdev1:amd64 Translation Library - shared library	1.1.5-1ubuntu2	amd64	Multitouch Protocol
ii libmtp-common Protocol (MTP) common files	1.1.10-2ubuntu1	all	Media Transfer
ii libmtp-runtime Protocol (MTP) runtime tools	1.1.10-2ubuntu1	amd64	Media Transfer
ii libmtp9:amd64 Protocol (MTP) library	1.1.10-2ubuntu1	amd64	Media Transfer
ii libmwaw-0.3-3:amd64 some old Mac text documents	0.3.7-1ubuntu2	amd64	import library for
ii libmysqlclient20:i386 client library	5.7.17-0ubuntu0.16.04.1	i386	MySQL database
ii libmythes-1.2-0:amd64 library	2:1.2.4-1ubuntu3	amd64	simple thesaurus
ii libnatpmp1:amd64 compliant implementation of NAT-PMP	20110808-4	amd64	portable and fully
ii libnautilus-extension1a:amd64 nautilus components - runtime version	1:3.18.4.is.3.14.3-0ubuntu5	amd64	libraries for

ii libnb-org-openide-util-java NetBeans Platform	8.1+dfsg1-2	all	Utility classes from the
ii libnb-org-openide-util-lookup-java classes from the NetBeans Platform	8.1+dfsg1-2	all	Utility lookup
ii libncurses5:amd64 for terminal handling	6.0+20160213-1ubuntu1	amd64	shared libraries
ii libncurses5:i386 terminal handling	6.0+20160213-1ubuntu1	i386	shared libraries for
ii libncurses5-dev:amd64 libraries for ncurses	6.0+20160213-1ubuntu1	amd64	developer's
ii libncursesw5:amd64 libraries for terminal handling (wide character support)	6.0+20160213-1ubuntu1	amd64	shared
ii libncursesw5:i386 for terminal handling (wide character support)	6.0+20160213-1ubuntu1	i386	shared libraries
ii libndp0:amd64 Neighbor Discovery Protocol	1.4-2ubuntu0.16.04.1	amd64	Library for
ii libneon27-gnutls:amd64 WebDAV client library (GnuTLS enabled)	0.30.1-3build1	amd64	HTTP and
ii libnet-dbus-perl DBus bindings	1.1.0-3build1	amd64	Perl extension for the
ii libnet-dns-perl from a Perl script	0.81-2build1	amd64	Perform DNS queries
ii libnet-domain-tld-perl Top-level Domains (TLDs)	1.73-1	all	list of currently available
ii libnet-http-perl HTTP connection client	6.09-1	all	module providing low-level
ii libnet-ip-perl IPv4/IPv6 addresses	1.26-1	all	Perl extension for manipulating
ii libnet-libidn-perl bindings for GNU Libidn	0.12.ds-2build2	amd64	Perl
ii libnet-smtp-ssl-perl support to Net::SMTP	1.03-1	all	Perl module providing SSL
ii libnet-ssleay-perl Sockets Layer (SSL)	1.72-1build1	amd64	Perl module for Secure
ii libnetfilter-contrack3:amd64 contrack library	1.0.5-1	amd64	Netfilter netlink-
ii libnetpbm10 tools shared libraries	2:10.0-15.3	amd64	Graphics conversion
ii libnettle6:amd64 cryptographic library (symmetric and one-way cryptos)	3.2-1ubuntu0.16.04.1	amd64	low level
ii libnettle6:i386 level cryptographic library (symmetric and one-way cryptos)	3.2-1ubuntu0.16.04.1	i386	low
ii libnewt0.52:amd64 Windowing Toolkit - text mode windowing with slang	0.52.18-1ubuntu2	amd64	Not Erik's
ii libnfnetlink0:amd64	1.0.1-3	amd64	Netfilter netlink library
ii libnih-dbus1:amd64	1.0.3-4.3ubuntu1	amd64	NIH D-Bus

Bindings Library				
ii	libnih1:amd64	1.0.3-4.3ubuntu1	amd64	NIH Utility Library
ii	libnl-3-200:amd64	3.2.27-1	amd64	library for dealing with netlink sockets
ii	libnl-genl-3-200:amd64	3.2.27-1	amd64	library for dealing with netlink sockets - generic netlink
ii	libnm-glib-vpn1:amd64	1.2.2-0ubuntu0.16.04.3	amd64	network management framework (GLib VPN shared library)
ii	libnm-glib4:amd64	1.2.2-0ubuntu0.16.04.3	amd64	network management framework (GLib shared library)
ii	libnm-gtk-common	1.2.0-0ubuntu0.16.04.4	all	library for wireless and mobile dialogs - common files
ii	libnm-gtk0:amd64	1.2.0-0ubuntu0.16.04.4	amd64	library for wireless and mobile dialogs (libnm-glib version)
ii	libnm-util2:amd64	1.2.2-0ubuntu0.16.04.3	amd64	network management framework (shared library)
ii	libnm0:amd64	1.2.2-0ubuntu0.16.04.3	amd64	GObject-based client library for NetworkManager
ii	libnma-common	1.2.0-0ubuntu0.16.04.4	all	library for wireless and mobile dialogs - common files
ii	libnma0:amd64	1.2.0-0ubuntu0.16.04.4	amd64	library for wireless and mobile dialogs (libnm version)
ii	libnotify-bin	0.7.6-2svn1	amd64	sends desktop notifications to a notification daemon (Utilities)
ii	libnotify4:amd64	0.7.6-2svn1	amd64	sends desktop notifications to a notification daemon
ii	libnpth0:amd64	1.2-3	amd64	replacement for GNU Pth using system threads
ii	libnspr4:amd64	2:4.12-0ubuntu0.16.04.1	amd64	NetScape Portable Runtime Library
ii	libnss-mdns:amd64	0.10-7	amd64	NSS module for Multicast DNS name resolution
ii	libnss3:amd64	2:3.26.2-0ubuntu0.16.04.2	amd64	Network Security Service libraries
ii	libnss3-1d:amd64	2:3.26.2-0ubuntu0.16.04.2	amd64	Network Security Service libraries - transitional package
ii	libnss3-nssdb	2:3.26.2-0ubuntu0.16.04.2	all	Network Security Service libraries - shared databases
ii	libnuma1:amd64	2.0.11-1ubuntu1	amd64	Libraries for controlling NUMA policy
ii	libnunit-cil-dev	2.6.4+dfsg-1	all	Unit test framework for CLI - Development files
ii	libnunit-console-runner2.6.3-cil	2.6.4+dfsg-1	all	Unit test framework for CLI - Assemblies
ii	libnunit-core-interfaces2.6.3-cil	2.6.4+dfsg-1	all	Unit test framework for CLI - Assemblies

ii libnunit-core2.6.3-cil CLI - Assemblies	2.6.4+dfsg-1	all	Unit test framework for
ii libnunit-framework2.6.3-cil for CLI - Assemblies	2.6.4+dfsg-1	all	Unit test framework
ii libnunit-mocks2.6.3-cil CLI - Assemblies	2.6.4+dfsg-1	all	Unit test framework for
ii libnunit-util2.6.3-cil 2.6.4+dfsg-1	all	Unit test framework for CLI - Assemblies	
ii libnux-4.0-0 rendering toolkit for real-time applications - shared lib	4.0.8+16.04.20160705-0ubuntu1	amd64	Visual
ii libnux-4.0-common rendering toolkit for real-time applications - common files	4.0.8+16.04.20160705-0ubuntu1	all	Visual
ii liboauth0:amd64 implementing OAuth 1.0	1.0.3-0ubuntu2	amd64	C library for
ii libobjc-5-dev:amd64 for GNU Objective-C applications (development files)	5.4.0-6ubuntu1~16.04.4	amd64	Runtime library
ii libobjc4:amd64 for GNU Objective-C applications	5.4.0-6ubuntu1~16.04.4	amd64	Runtime library
ii libobjenesis-java new object of a particular class	2.2-1	all	Java library to instantiate a
ii libodfgen-0.1-1 ODF documents	0.1.6-1ubuntu2	amd64	library to generate
ii libofa0:amd64 fingerprinting	0.9.3-10ubuntu1	amd64	library for acoustic
ii libogg0:amd64	1.3.2-1	amd64	Ogg bitstream library
ii libogg0:i386	1.3.2-1	i386	Ogg bitstream library
ii libopenal-data the OpenAL audio API (data files)	1:1.16.0-3	all	Software implementation of
ii libopenal1:amd64 implementation of the OpenAL audio API (shared library)	1:1.16.0-3	amd64	Software
ii libopencore-amrnb0:amd64 Rate speech codec - shared library	0.1.3-2.1	amd64	Adaptive Multi
ii libopencore-amrwb0:amd64 Rate - Wideband speech codec - shared library	0.1.3-2.1	amd64	Adaptive Multi-
ii libopencv-calib3d-dev:amd64 development files for libopencv-calib3d	2.4.9.1+dfsg-1.5ubuntu1	amd64	
ii libopencv-calib3d2.4v5:amd64 vision Camera Calibration library	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer
ii libopencv-contrib-dev:amd64 development files for libopencv-contrib	2.4.9.1+dfsg-1.5ubuntu1	amd64	
ii libopencv-contrib2.4v5:amd64 vision contrib library	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer
ii libopencv-core-dev:amd64 files for libopencv-core	2.4.9.1+dfsg-1.5ubuntu1	amd64	development
ii libopencv-core2.4v5:amd64 vision core library	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer
ii libopencv-dev	2.4.9.1+dfsg-1.5ubuntu1	amd64	development files

for opencv				
ii libopencv-features2d-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64		
development files for libopencv-features2d				
ii libopencv-features2d2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision Feature Detection and Descriptor				
Extraction library				
ii libopencv-flann-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	development	
files for libopencv-flann				
ii libopencv-flann2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision Clustering and Search in Multi-Dimensional spaces library				
ii libopencv-gpu-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	development	
files for libopencv-gpu2.4v5				
ii libopencv-gpu2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision GPU library				
ii libopencv-highgui-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64		
development files for libopencv-highgui				
ii libopencv-highgui2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision				
High-level GUI and Media I/O library				
ii libopencv-imgproc-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64		
development files for libopencv-imgproc				
ii libopencv-imgproc2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision Image Processing library				
ii libopencv-legacy-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	development	
files for libopencv-legacy				
ii libopencv-legacy2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision legacy library				
ii libopencv-ml-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	development	
files for libopencv-ml				
ii libopencv-ml2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision Machine Learning library				
ii				
libopencv-objdetect-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	development	
files for libopencv-objdetect				
ii libopencv-objdetect2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision Object Detection library				
ii libopencv-ocl-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	development	
files for libopencv-ocl2.4v5				
ii libopencv-ocl2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision OpenCL support library				
ii libopencv-photo-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	development	
files for libopencv-photo2.4v5				
ii libopencv-photo2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision computational photography library				
ii				
libopencv-stitching-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	development	
files for libopencv-stitching2.4v5				
ii libopencv-stitching2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	

vision image stitching library				
ii libopencv-superres-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64		
development files for libopencv-superres2.4v5				
ii libopencv-superres2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision Super Resolution library				
ii libopencv-ts-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	development	
files for libopencv-ts2.4v5				
ii libopencv-ts2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision ts library				
ii libopencv-video-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	development files for libopencv-video	
ii libopencv-video2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision Video analysis library				
ii libopencv-videostab-dev:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64		
development files for libopencv-videostab2.4v5				
ii libopencv-videostab2.4v5:amd64	2.4.9.1+dfsg-1.5ubuntu1	amd64	computer	
vision video stabilization library				
ii libopencv2.4-java	2.4.9.1+dfsg-1.5ubuntu1	all	Java bindings for the	
computer vision library				
ii libopencv2.4-jni	2.4.9.1+dfsg-1.5ubuntu1	amd64	Java jni library for	
the computer vision library				
ii libopenexr-dev	2.2.0-10ubuntu2	amd64	development files for the OpenEXR	
image library				
ii libopenexr22:amd64	2.2.0-10ubuntu2	amd64	runtime files for	
the OpenEXR image library				
ii libopenjpeg5:amd64	1:1.5.2-3.1	amd64	JPEG 2000 image	
compression/decompression library - runtime				
ii libopus0:amd64	1.1.2-1ubuntu1	amd64	Opus codec runtime	
library				
ii libopus0:i386	1.1.2-1ubuntu1	i386	Opus codec runtime	
library				
ii liborc-0.4-0:amd64	1:0.4.25-1	amd64	Library of Optimized	
Inner Loops Runtime Compiler				
ii liborc-0.4-0:i386	1:0.4.25-1	i386	Library of Optimized Inner Loops Runtime	
Compiler				
ii liborcus-0.10-0v5:amd64	0.9.2-4ubuntu2	amd64	library for	
processing spreadsheet documents				
ii libosmesa6:amd64	11.2.0-1ubuntu2.2	amd64	Mesa Off-screen	
rendering extension				
ii liboxideqt-qmlplugin:amd64	1.20.4-0ubuntu0.16.04.1	amd64	Web browser	
engine for Qt (QML plugin)				
ii liboxideqtcore0:amd64	1.20.4-0ubuntu0.16.04.1	amd64	Web browser	
engine for Qt (core library and components)				
ii liboxideqtquick0:amd64	1.20.4-0ubuntu0.16.04.1	amd64	Web browser	
engine for Qt (QtQuick library)				
ii libp11-kit-gnome-keyring:amd64				

3.18.3-0ubuntu2	amd64	GNOME keyring module for the PKCS#11		
module loading library				
ii libp11-kit0:amd64	0.23.2-5~ubuntu16.04.1	amd64	library for	
loading and coordinating access to PKCS#11 modules - runtime				
ii libp11-kit0:i386	0.23.2-5~ubuntu16.04.1	i386	library for loading	
and coordinating access to PKCS#11 modules - runtime				
ii libpackagekit-glib2-16:amd64	0.8.17-4ubuntu6~gcc5.4ubuntu1.1	amd64	Library	
for accessing PackageKit using GLib				
ii libpagemaker-0.0-0:amd64	0.0.3-1ubuntu1	amd64	Library for	
importing and converting PageMaker Documents				
ii libpam-gnome-keyring:amd64	3.18.3-0ubuntu2			
amd64 PAM module to unlock the GNOME keyring upon login				
ii libpam-modules:amd64	1.1.8-3.2ubuntu2	amd64	Pluggable	
Authentication Modules for PAM				
ii libpam-modules-bin	1.1.8-3.2ubuntu2	amd64	Pluggable	
Authentication Modules for PAM - helper binaries				
ii libpam-runtime	1.1.8-3.2ubuntu2	all	Runtime support for the	
PAM library				
ii libpam-systemd:amd64	229-4ubuntu16	amd64	system and	
service manager - PAM module				
ii libpam0g:amd64	1.1.8-3.2ubuntu2	amd64	Pluggable	
Authentication Modules library				
ii libpango-1.0-0:amd64	1.38.1-1			
amd64 Layout and rendering of internationalized text				
ii libpango-1.0-0:i386	1.38.1-1	i386	Layout and rendering of	
internationalized text				
ii libpango1.0-0:amd64	1.38.1-1	amd64	Layout and rendering	
of internationalized text (transitional package)				
ii libpango1.0-dev	1.38.1-1	amd64	Development files for the	
Pango				
ii libpangocairo-1.0-0:amd64	1.38.1-1	amd64	Layout and	
rendering of internationalized text				
ii libpangocairo-1.0-0:i386	1.38.1-1	i386	Layout and rendering of	
internationalized text				
ii libpangoft2-1.0-0:amd64	1.38.1-1	amd64	Layout and rendering of internationalized text	
1.38.1-1				
ii libpangoft2-1.0-0:i386	1.38.1-1	i386	Layout and rendering of	
internationalized text				
ii libpangomm-1.4-1v5:amd64	2.38.1-1	amd64	C++ Wrapper for	
pango (shared libraries)				
ii libpangox-1.0-0:amd64	0.0.2-5	amd64	pango library X	
backend				
ii libpangoxft-1.0-0:amd64	1.38.1-1	amd64	Layout and rendering	
of internationalized text				
ii libpaper-utils	1.1.24+nmu4ubuntu1	amd64	library for handling	
paper characteristics (utilities)				
ii libpaper1:amd64	1.1.24+nmu4ubuntu1			

	amd64	library for handling paper characteristics		
ii	libparse-debianchangelog-perl	1.2.0-8	all	parse Debian changelogs and output them in other formats
ii	libparted2:amd64	3.2-15	amd64	disk partition manipulator - shared library
ii	libpathplan4	2.38.0-12ubuntu2.1	amd64	rich set of graph drawing tools - pathplan library
ii	libpcap0.8:amd64	1.7.4-2	amd64	system interface for user-level packet capture
ii	libpci3:amd64	1:3.3.1-1.1ubuntu1	amd64	Linux PCI Utilities (shared library)
ii	libpciaccess0:amd64	0.13.4-1	amd64	Generic PCI access library for X
ii	libpciaccess0:i386	0.13.4-1	i386	Generic PCI access library for X
ii	libpcre16-3:amd64	2:8.38-3.1	amd64	Perl 5 Compatible Regular Expression Library - 16 bit runtime files
ii	libpcre3:amd64	2:8.38-3.1	amd64	Perl 5 Compatible Regular Expression Library - runtime files
ii	libpcre3:i386	2:8.38-3.1	i386	Perl 5 Compatible Regular Expression Library - runtime files
ii	libpcre3-dev:amd64	2:8.38-3.1	amd64	Perl 5 Compatible Regular Expression Library - development files
ii	libpcre32-3:amd64	2:8.38-3.1	amd64	Perl 5 Compatible Regular Expression Library - 32 bit runtime files
ii	libpcrecpp0v5:amd64	2:8.38-3.1	amd64	Perl 5 Compatible Regular Expression Library - C++ runtime files
ii	libpcsc-lite1:amd64	1.8.14-1ubuntu1.16.04.1	amd64	Middleware to access a smart card using PC/SC (library)
ii	libpeas-1.0-0:amd64	1.16.0-1ubuntu2	amd64	Application plugin library
ii	libpeas-1.0-0-python3loader	1.16.0-1ubuntu2	amd64	Application plugin library
ii	libpeas-common	1.16.0-1ubuntu2	all	Application plugin library (common files)
ii	libperl5.22:amd64	5.22.1-9	amd64	shared Perl library
ii	libperlio-gzip-perl	0.19-1build1	amd64	module providing a PerlIO layer to gzip/gunzip
ii	libpipeline1:amd64	1.4.1-2	amd64	pipeline manipulation library
ii	libpixman-1-0:amd64	0.33.6-1	amd64	pixel-manipulation library for X and cairo
ii	libpixman-1-0:i386	0.33.6-1	i386	pixel-manipulation library for X and cairo
ii	libpixman-1-dev	0.33.6-1	amd64	pixel-manipulation library for X and cairo (development)

files)				
ii libplexus-ant-factory-java	1.0~alpha2.1-3		all	Plexus Ant Factory
ii libplexus-archiver-java	2.2-1		all	Archiver plugin for the
Plexus compiler system				
ii libplexus-bsh-factory-java	1.0~alpha7-3.1		all	Plexus Beanshell
Factory				
ii libplexus-cipher-java	1.7-1		all	Plexus Cipher Component
used by Maven				
ii libplexus-classworlds-java	1.5.0-5		all	Class loading utilities for
the Plexus framework				
ii libplexus-classworlds2-java	2.5.2-1		all	Class loading utilities for
the Plexus framework				
ii libplexus-cli-java				
	1.2-5	all		Easily create CLIs with Plexus components
ii libplexus-component-annotations-java	1.6-2		all	Plexus Component
Annotations				
ii libplexus-component-metadata-java	1.6-2		all	Component Metadata
Maven plugin for Plexus				
ii libplexus-container-default-java	1.0-alpha-9-stable-1-7		all	utilities for the
Plexus framework				
ii libplexus-container-default1.5-java	1.6-2		all	Plexus Inversion-of-
control Container				
ii libplexus-containers-java	1.0~beta3.0.7-8		all	utilities for the Plexus
framework				
ii libplexus-containers1.5-java				
	1.6-2	all		Plexus IoC Container core with companion tools
ii libplexus-interactivity-api-java	1.0-alpha-6-7		all	interactivity API for
the Plexus framework				
ii libplexus-interpolation-java	1.21-1		all	Plexus Interpolation API
ii libplexus-io-java	1.0~alpha5-2		all	Plexus IO Components
ii libplexus-sec-dispatcher-java	1.3.1-6		all	Plexus Security
Dispatcher Component used by Maven				
ii libplexus-utils-java	1:1.5.15-4		all	utilities for the Plexus
framework				
ii libplexus-utils2-java	3.0.22-1			
		all		utilities for the Plexus framework
ii libplist3:amd64	1.12-3.1		amd64	Library for handling
Apple binary and XML property lists				
ii libplymouth4:amd64	0.9.2-3ubuntu13.1		amd64	graphical boot
animation and logger - shared libraries				
ii libpng12-0:amd64	1.2.54-1ubuntu1		amd64	PNG library -
runtime				
ii libpng12-0:i386	1.2.54-1ubuntu1		i386	PNG library - runtime
ii libpng12-dev:amd64	1.2.54-1ubuntu1		amd64	PNG library -
development				
ii libpolkit-agent-1-0:amd64	0.105-14.1		amd64	PolicyKit
Authentication				

Agent API				
ii libpolkit-backend-1-0:amd64	0.105-14.1	amd64	PolicyKit backend	
API				
ii libpolkit-gobject-1-0:amd64	0.105-14.1	amd64	PolicyKit	
Authorization API				
ii libpoppler-glib8:amd64	0.41.0-0ubuntu1.1	amd64	PDF rendering	
library (GLib-based shared library)				
ii libpoppler-qt5-1:amd64	0.41.0-0ubuntu1.1	amd64	PDF rendering	
library (Qt 5 based shared library)				
ii libpoppler58:amd64	0.41.0-0ubuntu1.1	amd64	PDF rendering	
library				
ii libpopt0:amd64	1.16-10	amd64	lib for parsing cmdline	
parameters				
ii libportaudio2:amd64				
19+svn20140130-1build1	amd64		Portable audio I/O - shared library	
ii libpostproc-ffmpeg53:amd64	7:2.8.10-0ubuntu0.16.04.1	amd64	FFmpeg	
library for post processing - runtime files				
ii libpotrace0	1.13-2	amd64	library for tracing bitmaps	
ii libpq5:amd64	9.6.1-2.pgdg16.04+1	amd64	PostgreSQL C client	
library				
ii libprocps4:amd64	2:3.3.10-4ubuntu2.3	amd64	library for	
accessing process information from /proc				
ii libprotobuf-lite9v5:amd64	2.6.1-1.3	amd64	protocol buffers C++	
library (lite version)				
ii libprotobuf9v5:amd64				
2.6.1-1.3	amd64		protocol buffers C++ library	
ii libproxy1-plugin-gsettings:amd64	0.4.11-5ubuntu1	amd64	automatic	
proxy configuration management library (GSettings plugin)				
ii libproxy1-plugin-gsettings:i386	0.4.11-5ubuntu1	i386	automatic proxy	
configuration management library (GSettings plugin)				
ii libproxy1-plugin-networkmanager:amd64	0.4.11-5ubuntu1	amd64	automatic	
proxy configuration management library (Network Manager plugin)				
ii libproxy1-plugin-webkit:i386	0.4.11-5ubuntu1	i386	automatic proxy	
configuration management library (WebKit plugin)				
ii libproxy1v5:amd64	0.4.11-5ubuntu1	amd64	automatic proxy	
configuration				
management library (shared)				
ii libproxy1v5:i386	0.4.11-5ubuntu1	i386	automatic proxy	
configuration management library (shared)				
ii libptexenc1:amd64	2015.20160222.37495-1	amd64	TeX Live:	
pTeX encoding library				
ii libpthread-stubs0-dev:amd64	0.3-4	amd64	pthread stubs not	
provided by native libc, development files				
ii libpulse-mainloop-glib0:amd64	1:8.0-0ubuntu3.2	amd64	PulseAudio	
client libraries (glib support)				
ii libpulse0:amd64	1:8.0-0ubuntu3.2	amd64	PulseAudio client	
libraries				
ii libpulse0:i386	1:8.0-0ubuntu3.2	i386	PulseAudio	

client libraries				
ii libpulsedsp:amd64	1:8.0-0ubuntu3.2	amd64	PulseAudio OSS	
pre-load library				
ii libpwquality-common	1.3.0-0ubuntu1	all	library for password	
quality checking and generation (data files)				
ii libpwquality1:amd64	1.3.0-0ubuntu1	amd64	library for	
password quality checking and generation				
ii libpython-all-dev:amd64	2.7.11-1	amd64	package depending on	
all supported Python development packages				
ii libpython-dev:amd64	2.7.11-1	amd64	header files and a	
static library for Python (default)				
ii libpython-stdlib:amd64	2.7.11-1			
amd64			interactive high-level object-oriented language (default python version)	
ii libpython2.7:amd64	2.7.12-1ubuntu0~16.04.1	amd64	Shared Python	
runtime library (version 2.7)				
ii libpython2.7-dev:amd64	2.7.12-1ubuntu0~16.04.1	amd64	Header files	
and a static library for Python (v2.7)				
ii libpython2.7-minimal:amd64	2.7.12-1ubuntu0~16.04.1	amd64	Minimal	
subset of the Python language (version 2.7)				
ii libpython2.7-stdlib:amd64	2.7.12-1ubuntu0~16.04.1	amd64	Interactive	
high-level object-oriented language (standard library, version 2.7)				
ii libpython3-stdlib:amd64	3.5.1-3	amd64	interactive high-level	
object-oriented language (default				
python3 version)				
ii libpython3.5:amd64	3.5.2-2ubuntu0~16.04.1	amd64	Shared Python	
runtime library (version 3.5)				
ii libpython3.5-minimal:amd64	3.5.2-2ubuntu0~16.04.1	amd64	Minimal	
subset of the Python language (version 3.5)				
ii libpython3.5-stdlib:amd64	3.5.2-2ubuntu0~16.04.1	amd64	Interactive	
high-level object-oriented language (standard library, version 3.5)				
ii libqdox2-java	2.0~M3-2	all	quickly parses declarations	
and Javadoc from Java source				
ii libqmi-glib1:amd64	1.12.6-1	amd64	Support library to use	
the Qualcomm MSM Interface (QMI) protocol				
ii libqmi-proxy				
1.12.6-1	amd64		Proxy to communicate with QMI ports	
ii libqpdf17:amd64	6.0.0-2	amd64	runtime library for PDF	
transformation/inspection software				
ii libqqwing2v5:amd64	1.3.4-1	amd64	tool for generating and	
solving Sudoku puzzles (library)				
ii libqt4-dbus:amd64	4:4.8.7+dfsg-5ubuntu2	amd64	Qt 4 D-Bus	
module				
ii libqt4-dbus:i386	4:4.8.7+dfsg-5ubuntu2	i386	Qt 4 D-Bus module	
ii libqt4-declarative:amd64	4:4.8.7+dfsg-5ubuntu2	amd64	Qt 4	
Declarative module				
ii libqt4-declarative:i386	4:4.8.7+dfsg-5ubuntu2	i386		
Qt 4 Declarative module				
ii libqt4-network:amd64	4:4.8.7+dfsg-5ubuntu2	amd64	Qt 4 network	

module				
ii libqt4-network:i386	4:4.8.7+dfsg-5ubuntu2	i386	Qt 4 network	
module				
ii libqt4-opengl:i386	4:4.8.7+dfsg-5ubuntu2	i386	Qt 4 OpenGL	
module				
ii libqt4-script:amd64	4:4.8.7+dfsg-5ubuntu2	amd64	Qt 4 script	
module				
ii libqt4-script:i386	4:4.8.7+dfsg-5ubuntu2	i386	Qt 4 script module	
ii libqt4-sql:amd64	4:4.8.7+dfsg-5ubuntu2	amd64	Qt 4 SQL module	
ii libqt4-sql:i386	4:4.8.7+dfsg-5ubuntu2	i386		
Qt 4 SQL module				
ii libqt4-sql-mysql:i386	4:4.8.7+dfsg-5ubuntu2	i386	Qt 4 MySQL	
database driver				
ii libqt4-sql-sqlite:amd64	4:4.8.7+dfsg-5ubuntu2	amd64	Qt 4 SQLite 3	
database driver				
ii libqt4-xml:amd64	4:4.8.7+dfsg-5ubuntu2	amd64	Qt 4 XML	
module				
ii libqt4-xml:i386	4:4.8.7+dfsg-5ubuntu2	i386	Qt 4 XML module	
ii libqt4-xmlpatterns:amd64	4:4.8.7+dfsg-5ubuntu2	amd64	Qt 4 XML	
patterns module				
ii libqt4-xmlpatterns:i386	4:4.8.7+dfsg-5ubuntu2	i386	Qt 4 XML	
patterns module				
ii libqt5core5a:amd64	5.5.1+dfsg-16ubuntu7.2			
amd64 Qt 5 core module				
ii libqt5dbus5:amd64	5.5.1+dfsg-16ubuntu7.2	amd64	Qt 5 D-Bus	
module				
ii libqt5feedback5:amd64	5.0~git20130529-0ubuntu13	amd64	Qt Feedback	
module				
ii libqt5gui5:amd64	5.5.1+dfsg-16ubuntu7.2	amd64	Qt 5 GUI module	
ii libqt5multimedia5:amd64	5.5.1-4ubuntu2	amd64	Qt 5 Multimedia	
module				
ii libqt5network5:amd64	5.5.1+dfsg-16ubuntu7.2	amd64	Qt 5 network	
module				
ii libqt5opengl5:amd64	5.5.1+dfsg-16ubuntu7.2	amd64	Qt 5 OpenGL	
module				
ii libqt5organizer5:amd64	5.0~git20140515~29475884-0ubuntu20			
amd64 Qt PIM module, Organizer library				
ii libqt5positioning5:amd64	5.5.1-3ubuntu1	amd64	Qt Positioning	
module				
ii libqt5printsupport5:amd64	5.5.1+dfsg-16ubuntu7.2	amd64	Qt 5 print	
support module				
ii libqt5qml5:amd64	5.5.1-2ubuntu6	amd64	Qt 5 QML module	
ii libqt5quick5:amd64	5.5.1-2ubuntu6	amd64	Qt 5 Quick library	
ii libqt5quicktest5:amd64	5.5.1-2ubuntu6	amd64	Qt 5 Quick Test	
library				
ii libqt5script5:amd64	5.5.1+dfsg-2build1	amd64	Qt 5 script module	
ii libqt5sql5:amd64	5.5.1+dfsg-16ubuntu7.2			

	amd64	Qt 5 SQL module		
ii	libqt5sql5-sqlite:amd64	5.5.1+dfsg-16ubuntu7.2	amd64	Qt 5 SQLite 3 database driver
ii	libqt5svg5:amd64	5.5.1-2build1	amd64	Qt 5 SVG module
ii	libqt5test5:amd64	5.5.1+dfsg-16ubuntu7.2	amd64	Qt 5 test module
ii	libqt5webkit5:amd64	5.5.1+dfsg-2ubuntu1	amd64	Web content engine library for Qt
ii	libqt5widgets5:amd64	5.5.1+dfsg-16ubuntu7.2	amd64	Qt 5 widgets module
ii	libqt5x11extras5:amd64	5.5.1-3build1	amd64	Qt 5 X11 extras
ii	libqt5xml5:amd64	5.5.1+dfsg-16ubuntu7.2		
	amd64	Qt 5 XML module		
ii	libqtcore4:amd64	4:4.8.7+dfsg-5ubuntu2	amd64	Qt 4 core module
ii	libqtcore4:i386	4:4.8.7+dfsg-5ubuntu2	i386	Qt 4 core module
ii	libqtdbus4:amd64	4:4.8.7+dfsg-5ubuntu2	amd64	Qt 4 D-Bus module library
ii	libqtdbus4:i386	4:4.8.7+dfsg-5ubuntu2	i386	Qt 4 D-Bus module library
ii	libqtgui4:amd64	4:4.8.7+dfsg-5ubuntu2	amd64	Qt 4 GUI module
ii	libqtgui4:i386	4:4.8.7+dfsg-5ubuntu2	i386	Qt 4 GUI module
ii	libqtwebkit4:i386	2.3.2-0ubuntu11		
	i386	Web content engine library for Qt		
ii	libquadmath0:amd64	5.4.0-6ubuntu1~16.04.4	amd64	GCC Quad-Precision Math Library
ii	libquvi-scripts	0.4.21-2	all	library for parsing video download links (Lua scripts)
ii	libquvi7:amd64	0.4.1-3	amd64	library for parsing video download links (runtime libraries)
ii	libraptor2-0:amd64	2.0.14-1	amd64	Raptor 2 RDF syntax library
ii	librasqal3:amd64	0.9.32-1	amd64	Rasqal RDF query library
ii	libraw1394-11:amd64	2.1.1-2		
	amd64	library for direct access to IEEE 1394 bus (aka FireWire)		
ii	libraw1394-11:i386	2.1.1-2	i386	library for direct access to IEEE 1394 bus (aka FireWire)
ii	libraw1394-dev:amd64	2.1.1-2	amd64	library for direct access to IEEE 1394 bus - development files
ii	libraw1394-tools	2.1.1-2	amd64	library for direct access to IEEE 1394 bus (aka FireWire)
ii	libraw15:amd64	0.17.1-1	amd64	raw image decoder library
ii	librdf0:amd64	1.0.17-1build1	amd64	Redland Resource Description Framework (RDF) library
ii	libreadline6:amd64			
	6.3-8ubuntu2	amd64		GNU readline and history libraries, run-time libraries
ii	librecode0:amd64	3.6-22	amd64	Shared library on which recode is based

ii libregexp-common-perl common regular expressions	2016020301-1	all	module with
ii libreoffice-avmedia-backend-gstreamer backend for LibreOffice	1:5.1.4-0ubuntu1	amd64	GStreamer
ii libreoffice-base-core suite -- shared library	1:5.1.4-0ubuntu1	amd64	office productivity
ii libreoffice-calc suite -- spreadsheet	1:5.1.4-0ubuntu1	amd64	office productivity
ii libreoffice-common 1:5.1.4-0ubuntu1	all		office productivity suite -- arch-independent files
ii libreoffice-core suite -- arch-dependent files	1:5.1.4-0ubuntu1	amd64	office productivity
ii libreoffice-draw suite -- drawing	1:5.1.4-0ubuntu1	amd64	office productivity
ii libreoffice-gnome suite -- GNOME integration	1:5.1.4-0ubuntu1	amd64	office productivity
ii libreoffice-gtk suite -- GTK+ integration	1:5.1.4-0ubuntu1	amd64	office productivity
ii libreoffice-help-en-gb suite -- English_british help	1:5.1.4-0ubuntu1	all	office productivity
ii libreoffice-help-en-us 1:5.1.4-0ubuntu1	all		office productivity suite -- English_american help
ii libreoffice-help-it - Italian help	1:5.1.4-0ubuntu1	all	office productivity suite -
ii libreoffice-impress suite -- presentation	1:5.1.4-0ubuntu1	amd64	office productivity
ii libreoffice-l10n-en-gb suite -- English_british language package	1:5.1.4-0ubuntu1	all	office productivity
ii libreoffice-l10n-en-za suite -- English_southafrican language package	1:5.1.4-0ubuntu1	all	office productivity
ii libreoffice-l10n-it - Italian language package	1:5.1.4-0ubuntu1	all	office productivity suite -
ii libreoffice-math suite -- equation editor	1:5.1.4-0ubuntu1	amd64	office productivity
ii libreoffice-ogltrans extension for slide transitions using OpenGL	1:5.1.4-0ubuntu1	amd64	LibreOffice Impress
ii libreoffice-pdfimport component for LibreOffice	1:5.1.4-0ubuntu1	amd64	PDF Import
ii libreoffice-style-breeze suite -- Breeze symbol style	1:5.1.4-0ubuntu1	all	office productivity
ii libreoffice-style-galaxy suite -- Galaxy (Default) symbol style	1:5.1.4-0ubuntu1	all	office productivity
ii libreoffice-writer office productivity suite -- word processor	1:5.1.4-0ubuntu1	amd64	
ii librest-0.7-0:amd64 library	0.7.93-1	amd64	REST service access
ii libvenge-0.0-0:amd64	0.0.4-4ubuntu1	amd64	Base Library for

writing document interface filters				
ii librhino-java Engine	1.7R4-3		all	Libraries for rhino Java Script
ii librhythmbox-core9:amd64 for the rhythmbox music player	3.3-1ubuntu7		amd64	support library
ii libroken18-heimdal:amd64 Kerberos - roken support library	1.7~git20150920+dfsg-4ubuntu1		amd64	Heimdal
ii libsvg2-2:amd64 renderer library for SVG files (runtime)	2.40.13-3		amd64	SAX-based
ii libsvg2-common:amd64 renderer library for SVG files (extra runtime)	2.40.13-3		amd64	SAX-based
ii libsync1:amd64 algorithm library	0.9.7-10		amd64	rsync remote-delta
ii librtmp1:amd64 RTMP streams (shared library)	2.4+20151223.gitfa8646d-1build1		amd64	toolkit for
ii libruby2.3:amd64 run Ruby 2.3	2.3.1-2~16.04		amd64	Libraries necessary to
ii libsamplerate0:amd64 conversion library	0.1.8-8		amd64	Audio sample rate
ii libsamplerate0:i386 rate conversion library	0.1.8-8		i386	Audio sample
ii libsane:amd64 scanners	1.0.26-git20160712-xenial0		amd64	API library for
ii libsane-common scanners -- documentation and support files	1.0.26-git20160712-xenial0		amd64	API library for
ii libsane-hpaio:amd64 for multi-function peripherals	3.16.3+repack0-1		amd64	HP SANE backend
ii libsasl2-2:amd64 authentication abstraction library	2.1.26.dfsg1-14build1		amd64	Cyrus SASL -
ii libsasl2-modules:amd64 pluggable authentication modules	2.1.26.dfsg1-14build1		amd64	Cyrus SASL -
ii libsasl2-modules-db:amd64 SASL - pluggable authentication modules (DB)	2.1.26.dfsg1-14build1		amd64	Cyrus
ii libsbcl1:amd64 - runtime	1.3-1		amd64	Sub Band CODEC library
ii libschroedinger-1.0-0:amd64 encoding/decoding of Dirac video streams	1.0.11-2.1build1		amd64	library for
ii libsd11.2debian:amd64 DirectMedia Layer	1.2.15+dfsg1-3		amd64	Simple
ii libseccomp2:amd64 to Linux seccomp filter	2.2.3-3ubuntu3		amd64	high level interface
ii libsecret-1-0:amd64	0.18.4-1ubuntu2		amd64	Secret store
ii libsecret-1-0:i386	0.18.4-1ubuntu2		i386	Secret store
ii libsecret-common	0.18.4-1ubuntu2		all	Secret store (common files)
ii libselinux1:amd64 shared libraries	2.4-3build2		amd64	SELinux runtime
ii libselinux1:i386	2.4-3build2		i386	SELinux runtime shared

libraries				
ii libsemanage-common	2.3-1build3		all	Common files for SELinux policy management libraries
ii libsemanage1:amd64	2.3-1build3		amd64	SELinux policy management library
ii libsensors4:amd64	1:3.4.0-2		amd64	library to read temperature/voltage/fan sensors
ii libsepol1:amd64	2.4-2			
	amd64			SELinux library for manipulating binary security policies
ii libservlet2.5-java	6.0.45+dfsg-1		all	Servlet 2.5 and JSP 2.1 Java API classes
ii libservlet3.1-java	8.0.32-1ubuntu1.3		all	Servlet 3.1, JSP 2.3, EL 3.0 and WebSocket 1.0 Java API classes
ii libsgutils2-2	1.40-0ubuntu1		amd64	utilities for devices using the SCSI command set (shared libraries)
ii libshine3:amd64	3.1.0-4		amd64	Fixed-point MP3 encoding library - runtime files
ii libshout3:amd64	2.3.1-3		amd64	MP3/Ogg Vorbis broadcast streaming library
ii libshout3:i386	2.3.1-3	i386		MP3/Ogg Vorbis broadcast streaming library
ii libsidplay1v5	1.36.59-8		amd64	SID (MOS 6581) emulation library
ii libsigc++-2.0-0v5:amd64	2.6.2-1		amd64	type-safe Signal Framework for C++ - runtime
ii libsignon-extension1:amd64	8.58+16.04.20151106-0ubuntu1		amd64	Single Sign On framework
ii libsignon-glib1:amd64	1.13+16.04.20151209.1-0ubuntu1		amd64	library for signond
ii libsignon-plugins-common1:amd64	8.58+16.04.20151106-0ubuntu1		amd64	Single Sign On framework
ii libsignon-qt5-1:amd64	8.58+16.04.20151106-0ubuntu1			Single Sign On framework
ii libsigsegv2:amd64	2.10-4		amd64	Library for handling page faults in a portable way
ii libsisu-inject-java	0.3.2-1		all	Dependency Injection container for Java
ii libsisu-plexus-java	0.3.2-1		all	Plexus adapter for the Sisu dependency injection container
ii libslang2:amd64	2.3.0-2ubuntu1		amd64	S-Lang programming library - runtime version
ii libslang2:i386	2.3.0-2ubuntu1	i386		S-Lang programming library - runtime version
ii libslf4j-java	1.7.14-3			
	all			Simple Logging Facade for Java
ii libsm-dev:amd64	2:1.2.2-1		amd64	X11 Session Management library (development headers)
ii libsm6:amd64	2:1.2.2-1		amd64	X11 Session

Management library				
ii libsm6:i386	2:1.2.2-1	i386	X11 Session Management	
library				
ii libsmartcols1:amd64	2.27.1-6ubuntu3.2	amd64	smart column	
output alignment library				
ii libsmclient:amd64	2:4.3.11+dfsg-0ubuntu0.16.04.3	amd64	shared library	
for communication with SMB/CIFS servers				
ii libsnapd-glib1:amd64	1.2-0ubuntu1.1~xenial			
amd64 GLib snapd library				
ii libsnappy1v5:amd64	1.1.3-2	amd64	fast	
compression/decompression library				
ii libsndfile1:amd64	1.0.25-10	amd64	Library for	
reading/writing audio files				
ii libsndfile1:i386	1.0.25-10	i386	Library for reading/writing	
audio files				
ii libsnmp-base	5.7.3+dfsg-1ubuntu4	all	SNMP configuration	
script, MIBs and documentation				
ii libsnmp30:amd64	5.7.3+dfsg-1ubuntu4	amd64	SNMP (Simple	
Network Management Protocol) library				
ii libsocket6-perl	0.25-1build2	amd64		
Perl extensions for IPv6				
ii libsodium18:amd64	1.0.8-5	amd64	Network	
communication, cryptography and signing library				
ii libsonic0:amd64	0.2.0-3	amd64	Simple library to speed	
up or slow down speech				
ii libsoundtouch1:amd64	1.9.2-2	amd64	Sound stretching	
library				
ii libsoup-gnome2.4-1:amd64	2.52.2-1ubuntu0.1	amd64	HTTP library	
implementation in C -- GNOME support library				
ii libsoup2.4-1:amd64	2.52.2-1ubuntu0.1	amd64	HTTP library	
implementation in C -- Shared library				
ii libsoup2.4-1:i386	2.52.2-1ubuntu0.1	i386		
HTTP library implementation in C -- Shared library				
ii libsoxr0:amd64	0.1.2-1	amd64	High quality 1D sample-	
rate conversion library				
ii libspandsp2:amd64	0.0.6-2.1	amd64	Telephony signal	
processing library				
ii libspectre1:amd64	0.2.7-3ubuntu2	amd64	Library for rendering	
PostScript documents				
ii libspeechd2:amd64	0.8.3-1ubuntu3	amd64	Speech Dispatcher:	
Shared libraries				
ii libspeex1:amd64	1.2~rc1.2-1ubuntu1	amd64	The Speex codec	
runtime library				
ii libspeex1:i386	1.2~rc1.2-1ubuntu1	i386	The Speex codec	
runtime library				
ii libspeexdsp1:amd64	1.2~rc1.2-1ubuntu1	amd64	The Speex	
extended runtime library				
ii libspeexdsp1:i386	1.2~rc1.2-1ubuntu1	i386	The Speex extended	

runtime library				
ii libsqlite3-0:amd64	3.11.0-1ubuntu1	amd64	SQLite 3 shared	
library				
ii libsqlite3-0:i386	3.11.0-1ubuntu1	i386	SQLite 3 shared library	
ii libsrtp0	1.4.5~20130609~dfsg-1.1ubuntu1	amd64	Secure RTP	
(SRTP) and UST Reference Implementations - shared library				
ii libss2:amd64	1.42.13-1ubuntu1	amd64	command-line	
interface parsing library				
ii libssh-4:amd64	0.6.3-4.3	amd64	tiny C SSH library (OpenSSL flavor)	
ii libssh-gcrypt-4:amd64	0.6.3-4.3	amd64	tiny C SSH library	
(gcrypt flavor)				
ii libssl-dev:amd64	1.0.2g-1ubuntu4.6	amd64	Secure Sockets	
Layer toolkit - development files				
ii libssl-doc	1.0.2g-1ubuntu4.6	all	Secure Sockets Layer	
toolkit - development documentation				
ii libssl1.0.0:amd64	1.0.2g-1ubuntu4.6	amd64	Secure Sockets	
Layer toolkit - shared libraries				
ii libssl1.0.0:i386	1.0.2g-1ubuntu4.6	i386	Secure Sockets Layer	
toolkit - shared libraries				
ii libstartup-notification0:amd64	0.12-4build1	amd64	library for program launch feedback (shared library)	
ii libstdc++-4.9-dev:amd64	4.9.3-13ubuntu2	amd64	GNU Standard	
C++ Library v3 (development files)				
ii libstdc++-5-dev:amd64	5.4.0-6ubuntu1~16.04.4	amd64	GNU Standard	
C++ Library v3 (development files)				
ii libstdc++6:amd64	5.4.0-6ubuntu1~16.04.4	amd64	GNU Standard	
C++ Library v3				
ii libstdc++6:i386	5.4.0-6ubuntu1~16.04.4	i386	GNU Standard C++	
Library v3				
ii libsub-name-perl	0.14-1build1	amd64	module for assigning a	
new name to referenced sub				
ii libsuitesparseconfig4.4.6:amd64	1:4.4.6-1	amd64	configuration routines for all SuiteSparse modules	
ii libswresample-dev:amd64	7:2.8.10-0ubuntu0.16.04.1	amd64	FFmpeg	
library for audio resampling, rematrixing etc. - development files				
ii libswresample-ffmpeg1:amd64	7:2.8.10-0ubuntu0.16.04.1	amd64	FFmpeg	
library for audio resampling, rematrixing etc. - runtime files				
ii libswscale-dev:amd64	7:2.8.10-0ubuntu0.16.04.1	amd64	FFmpeg	
library for image scaling and various conversions - development files				
ii libswscale-ffmpeg3:amd64	7:2.8.10-0ubuntu0.16.04.1	amd64	FFmpeg	
library for image scaling and various conversions - runtime files				
ii libsynctex1:amd64	2015.20160222.37495-1	amd64	TeX Live: SyncTeX parser library	
ii libsys-hostname-long-perl	1.5-1	all	Figure out the long (fully-	
qualified) hostname				
ii libsystemd0:amd64	229-4ubuntu16	amd64	systemd utility	
library				

ii libsystemd0:i386	229-4ubuntu16	i386	systemd utility library
ii libtablelayout-java creating user interfaces fast and easy	20090826-2	all	Java layout manager for
ii libtag1v5:amd64 library	1.9.1-2.4ubuntu1	amd64	audio meta-data
ii libtag1v5:i386 i386 audio meta-data library	1.9.1-2.4ubuntu1		
ii libtag1v5-vanilla:amd64 library - vanilla flavour	1.9.1-2.4ubuntu1	amd64	audio meta-data
ii libtag1v5-vanilla:i386 library - vanilla flavour	1.9.1-2.4ubuntu1	i386	audio meta-data
ii libtalloc2:amd64 memory allocator	2.1.5-2	amd64	hierarchical pool based
ii libtasn1-6:amd64 structures (runtime)	4.7-3ubuntu0.16.04.1	amd64	Manage ASN.1
ii libtasn1-6:i386 structures (runtime)	4.7-3ubuntu0.16.04.1	i386	Manage ASN.1
ii libtbb2:amd64 library for C++ - runtime files	4.4~20151115-0ubuntu3	amd64	parallelism
ii libtcl8.6:amd64 Language) v8.6 - run-time library files	8.6.5+dfsg-2	amd64	Tcl (the Tool Command
ii libtdb1:amd64 library	1.3.8-2	amd64	Trivial Database - shared
ii libtelepathy-glib0:amd64 - GLib library	0.24.1-1.1	amd64	Telepathy framework
ii libevent0:amd64 loop library - shared library	0.9.28-0ubuntu0.16.04.1	amd64	talloc-based event
ii libtexlua52:amd64 5.2, modified for use with LuaTeX	2015.20160222.37495-1	amd64	TeX Live: Lua
ii libtexluajit2:amd64 LuaJIT, modified for use with LuaJITTeX	2015.20160222.37495-1	amd64	TeX Live:
ii libtext-charwidth-perl characters on the terminal	0.04-7build5	amd64	get display widths of
ii libtext-iconv-perl character sets in Perl	1.7-5build4	amd64	converts between
ii libtext-levenshtein-perl Levenshtein edit distance	0.13-1	all	implementation of the
ii libtext-wrapi18n-perl of Text::Wrap	0.06-7.1	all	internationalized substitute
ii libthai-data support library	0.1.24-2	all	Data files for Thai language
ii libthai0:amd64 Thai language support library	0.1.24-2	amd64	
ii libthai0:i386	0.1.24-2	i386	Thai language support library
ii libtheora0:amd64 Compression Codec	1.1.1+dfsg.1-8	amd64	Theora Video

ii libtheora0:i386 Compression Codec	1.1.1+dfsg.1-8	i386	Theora Video
ii libtie-ixhash-perl associative arrays	1.23-2	all	Perl module to order
ii libtiff5:amd64 (TIFF) library	4.0.6-1	amd64	Tag Image File Format
ii libtiff5:i386 library	4.0.6-1	i386	Tag Image File Format (TIFF)
ii libtiff5-dev:amd64 development files	4.0.6-1	amd64	Tag Image File Format library (TIFF),
ii libtiffxx5:amd64 (TIFF) library -- C++ interface	4.0.6-1	amd64	Tag Image File Format
ii libtimedate-perl manipulate date/time information	2.3000-2	all	collection of modules to
ii libtimezonemap-data widget - data files	0.4.5	all	GTK+3 timezone map
ii libtimezonemap1:amd64 widget	0.4.5	amd64	GTK+3 timezone map
ii libtinfo-dev:amd64 library for the low-level terminfo library	6.0+20160213-1ubuntu1	amd64	developer's
ii libtinfo5:amd64 terminfo library for terminal handling	6.0+20160213-1ubuntu1	amd64	shared low-level
ii libtinfo5:i386 terminfo library for terminal handling	6.0+20160213-1ubuntu1	i386	shared low-level
ii libtk8.6:amd64 v8.6 - run-time files	8.6.5-1	amd64	Tk toolkit for Tcl and X11
ii libtotem-plparser-common Parser library - common files	3.10.6-1ubuntu1	all	Totem Playlist
ii libtotem-plparser18:amd64 Parser library - runtime files	3.10.6-1ubuntu1	amd64	Totem Playlist
ii libtotem0:amd64 for the Totem media player	3.18.1-1ubuntu4	amd64	Main library
ii libtracker-sparql-1.0-0:amd64 database, indexer and search tool - library	1.6.2-0ubuntu1.1	amd64	metadata
ii libtsan0:amd64 a Valgrind-based detector of data races (runtime)	5.4.0-6ubuntu1~16.04.4	amd64	ThreadSanitizer --
ii libtwolame0:amd64 encoding library	0.3.13-1.2	amd64	MPEG Audio Layer 2
ii libtxc-dxtn-s2tc0:amd64 compression library for Mesa	0~git20131104-1.1	amd64	Texture
ii libtxc-dxtn-s2tc0:i386 compression library for Mesa	0~git20131104-1.1	i386	Texture
ii libubsan0:amd64 UBSan -- undefined behaviour sanitizer (runtime)	5.4.0-6ubuntu1~16.04.4	amd64	
ii libubuntugestures5:amd64 gestures library for Ubuntu UI Toolkit	1.3.1918+16.04.20160404-0ubuntu1	amd64	Ubuntu

ii libubuntutoolkit5:amd64 toolkit common library for Ubuntu UI Toolkit	1.3.1918+16.04.20160404-0ubuntu1	amd64	Ubuntu
ii libudev1:amd64 library	229-4ubuntu16	amd64	libudev shared
ii libudev1:i386	229-4ubuntu16	i386	libudev shared library
ii libudisks2-0:amd64 library to access udisks2	2.1.7-1ubuntu1	amd64	GObject based
ii libunistring0:amd64 library for C	0.9.3-5.2ubuntu1	amd64	Unicode string
ii libunity-action-qt1:amd64 Action Qt API	1.1.0+14.04.20140304-0ubuntu2~gcc5.1	amd64	Unity
ii libunity-control-center1 configure the GNOME desktop	15.04.0+16.04.20160705-0ubuntu1	amd64	utilities to
ii libunity-core-6.0-9:amd64 library for the Unity interface	7.4.0+16.04.20160906-0ubuntu1	amd64	core
ii libunity-gtk2-parser0:amd64 GtkMenuShell to GMenuModel parser	0.0.0+15.04.20150118-0ubuntu2	amd64	
ii libunity-gtk3-parser0:amd64 GtkMenuShell to GMenuModel parser	0.0.0+15.04.20150118-0ubuntu2	amd64	
ii libunity-misc4 functions for Unity - shared library	4.0.5+14.04.20140115-0ubuntu1	amd64	Miscellaneous
ii libunity-protocol-private0:amd64 library	7.1.4+16.04.20160701-0ubuntu1	amd64	binding to get places into the launcher - private
ii libunity-scopes-json-def-desktop get places into the launcher - desktop def file	7.1.4+16.04.20160701-0ubuntu1	all	binding to
ii libunity-settings-daemon1:amd64 Helper library for accessing settings	15.04.1+16.04.20160701-0ubuntu1	amd64	
ii libunity-webapps0:amd64 Apps integration with the Unity desktop	2.5.0~+16.04.20160201-0ubuntu1	amd64	Web
ii libunity9:amd64 places into the launcher - shared library	7.1.4+16.04.20160701-0ubuntu1	amd64	binding to get
ii libunwind8 call-chain of a program - runtime	1.1-4.1	amd64	library to determine the
ii libupower-glib3:amd64 power management - shared library	0.99.4-2ubuntu0.3	amd64	abstraction for
ii liburi-perl URI strings	1.71-1	all	module to manipulate and access
ii liburl-dispatcher1:amd64 sending requests to the url dispatcher	0.1+16.04.20151110-0ubuntu2	amd64	library for
ii libusb-0.1-4:amd64 programming library	2:0.1.12-28	amd64	userspace USB
ii libusb-1.0-0:amd64 programming library	2:1.0.20-1	amd64	userspace USB
ii libusbmuxd4:amd64 daemon for iPhone and iPod	1.0.10-2ubuntu0.1	amd64	USB multiplexor

Touch devices - library			
ii libustr-1.0-1:amd64	1.0.4-5	amd64	Micro string library:
shared library			
ii libutempter0:amd64	1.1.6-3	amd64	privileged helper for
utmp/wtmp updates (runtime)			
ii libuuid-perl	0.24-1build1	amd64	Perl extension for using
UUID interfaces as defined in e2fsprogs			
ii libuuid1:amd64	2.27.1-6ubuntu3.2	amd64	Universally Unique
ID library			
ii libuuid1:i386	2.27.1-6ubuntu3.2	i386	Universally Unique ID
library			
ii libuv1:amd64	1.8.0-1	amd64	asynchronous event
notification			
library - runtime library			
ii libuv1-dev:amd64	1.8.0-1	amd64	asynchronous event
notification library - development files			
ii libv4l-0:amd64	1.10.0-1	amd64	Collection of video4linux
support libraries			
ii libv4l-0:i386	1.10.0-1	i386	Collection of video4linux
support libraries			
ii libv4lconvert0:amd64	1.10.0-1	amd64	Video4linux frame
format conversion library			
ii libv4lconvert0:i386	1.10.0-1	i386	Video4linux frame format
conversion library			
ii libva1:amd64	1.7.0-1	amd64	
Video Acceleration (VA) API for Linux -- runtime			
ii libvdpau1:amd64	1.1.1-3ubuntu1	amd64	Video Decode and
Presentation API for Unix (libraries)			
ii libvisio-0.1-1:amd64	0.1.5-1ubuntu1	amd64	library for parsing
the visio file structure			
ii libvisual-0.4-0:amd64	0.4.0-8	amd64	audio visualization
framework			
ii libvisual-0.4-0:i386	0.4.0-8	i386	audio visualization
framework			
ii libvncclient1:amd64	0.9.10+dfsg-3ubuntu0.16.04.1	amd64	API to write
one's own VNC server - client library			
ii libvo-aacenc0:amd64	0.1.3-1	amd64	
VisualOn AAC encoder library			
ii libvo-amrwbenc0:amd64	0.1.3-1	amd64	VisualOn AMR-WB
encoder library			
ii libvorbis0a:amd64	1.3.5-3	amd64	decoder library for
Vorbis General Audio Compression Codec			
ii libvorbis0a:i386	1.3.5-3	i386	decoder library for Vorbis
General Audio Compression Codec			
ii libvorbisenc2:amd64	1.3.5-3	amd64	encoder library for
Vorbis General Audio Compression Codec			
ii libvorbisenc2:i386	1.3.5-3	i386	encoder library for Vorbis
General Audio Compression Codec			

ii libvorbisfile3:amd64	1.3.5-3		
amd64 high-level API for Vorbis General Audio Compression Codec			
ii libvpx3:amd64	1.5.0-2ubuntu1	amd64	VP8 and VP9 video
codec (shared library)			
ii libvpx3:i386	1.5.0-2ubuntu1	i386	VP8 and VP9 video
codec (shared library)			
ii libvte-2.91-0:amd64	0.42.5-1ubuntu1	amd64	Terminal emulator
widget for GTK+ 3.0 - runtime files			
ii libvte-2.91-common	0.42.5-1ubuntu1	all	Terminal emulator
widget for GTK+ 3.0 - common files			
ii libwacom-bin	0.18-1	amd64	Wacom model feature
query library -- binaries			
ii libwacom-common	0.18-1	all	Wacom model feature query library (common files)
ii libwacom2:amd64	0.18-1	amd64	Wacom model feature
query library			
ii libwagon-java	1.0.0-7	all	tools to manage Maven
artifacts and deployment			
ii libwagon2-java	2.10-3	all	resources' transport
abstraction that is used in Maven			
ii libwavpack1:amd64	4.75.2-2	amd64	audio codec (lossy and
lossless) - library			
ii libwavpack1:i386	4.75.2-2	i386	audio codec (lossy and
lossless) - library			
ii libwayland-client0:amd64	1.9.0-1	amd64	wayland compositor infrastructure - client library
ii libwayland-client0:i386	1.9.0-1	i386	wayland compositor
infrastructure - client library			
ii libwayland-cursor0:amd64	1.9.0-1	amd64	wayland compositor
infrastructure - cursor library			
ii libwayland-egl1-mesa:amd64	11.2.0-1ubuntu2.2	amd64	
implementation of the Wayland EGL platform -- runtime			
ii libwayland-server0:amd64	1.9.0-1	amd64	wayland compositor
infrastructure - server library			
ii libwayland-server0:i386	1.9.0-1	i386	wayland compositor
infrastructure - server library			
ii libwbclient0:amd64	2:4.3.11+dfsg-0ubuntu0.16.04.3	amd64	Samba
winbind client library			
ii libwebkit2gtk-4.0-37:amd64	2.14.3-0ubuntu0.16.04.1	amd64	Web content
engine library for GTK+			
ii libwebkit2gtk-4.0-37-gtk2:amd64	2.14.3-0ubuntu0.16.04.1	amd64	Web
content engine library for GTK+ - GTK+2 plugin process			
ii libwebkitgtk-1.0-0:i386	2.4.11-0ubuntu0.1	i386	Web content engine
library for GTK+			
ii libwebkitgtk-1.0-common	2.4.11-0ubuntu0.1	all	Web content
engine library for GTK+ - data files			
ii libwebp5:amd64	0.4.4-1	amd64	Lossy compression of

digital photographic images.

ii

libwebp5:i386	0.4.4-1	i386	Lossy compression of digital photographic images.
ii libwebpmux1:amd64	0.4.4-1	amd64	Lossy compression of digital photographic images.
ii libwebrtc-audio-processing-0:amd64	0.1-3ubuntu1~gcc5.1	amd64	AudioProcessing module from the WebRTC project.
ii libwhoopsie-preferences0	0.18	amd64	Ubuntu error tracker submission settings - shared library
ii libwhoopsie0:amd64	0.2.52.2	amd64	Ubuntu error tracker submission - shared library
ii libwildmidi-config	0.3.8-2	all	software
MIDI player configuration			
ii libwildmidi1:amd64	0.3.8-2	amd64	software MIDI player library
ii libwind0-heimdal:amd64	1.7~git20150920+dfsg-4ubuntu1	amd64	Heimdal Kerberos - stringprep implementation
ii libwinpr-crt0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (crt library)
ii libwinpr-dsparse0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (dsparse library)
ii libwinpr-environment0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (environment library)
ii libwinpr-file0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (file library)
ii libwinpr-handle0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (handle library)
ii libwinpr-heap0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (heap library)
ii libwinpr-input0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (input library)
ii libwinpr-interlocked0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (interlocked library)
ii libwinpr-library0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (library)
ii libwinpr-path0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (path library)
ii libwinpr-pool0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (pool library)
ii libwinpr-registry0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (registry library)
ii libwinpr-rpc0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (RPC library)
ii libwinpr-sspi0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (sspi library)
ii libwinpr-synch0.1:amd64	1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1	amd64	Windows Portable Runtime library (synch library)

Windows Portable Runtime library (synch library)

ii libwinpr-sysinfo0.1:amd64 1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1
amd64 Windows Portable Runtime library (sysinfo library)

ii libwinpr-thread0.1:amd64 1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1 amd64
Windows Portable Runtime library (thread library)

ii libwinpr-utils0.1:amd64 1.1.0~git20140921.1.440916e+dfsg1-5ubuntu1 amd64
Windows Portable Runtime library (utils library)

ii libwmf0.2-7:amd64 0.2.8.4-10.5ubuntu1 amd64 Windows metafile
conversion library

ii libwmf0.2-7-gtk 0.2.8.4-10.5ubuntu1 amd64 Windows metafile
conversion library

ii libwnck-3-0:amd64 3.14.1-2 amd64 Window Navigator
Construction Kit - runtime files

ii libwnck-3-common 3.14.1-2 all Window Navigator Construction Kit - common files

ii libwpd-0.10-10:amd64 0.10.1-1ubuntu1 amd64 Library for
handling WordPerfect documents (shared library)

ii libwpg-0.3-3:amd64 0.3.1-1ubuntu1 amd64 WordPerfect
graphics import/convert library (shared library)

ii libwps-0.4-4:amd64 0.4.3-1ubuntu1 amd64 Works text file
format import filter library (shared library)

ii libwrap0:amd64 7.6.q-25 amd64 Wietse Venema's TCP
wrappers library

ii libwrap0:i386 7.6.q-25 i386 Wietse Venema's TCP
wrappers library

ii libwww-perl 6.15-1 all simple and consistent interface to the world-
wide web

ii libwww-robotrules-perl 6.01-1 all database of robots.txt-
derived permissions

ii libx11-6:amd64 2:1.6.3-1ubuntu2 amd64 X11 client-side
library

ii libx11-6:i386 2:1.6.3-1ubuntu2 i386 X11 client-side library

ii libx11-data 2:1.6.3-1ubuntu2 all X11 client-side library

ii libx11-dev:amd64 2:1.6.3-1ubuntu2 amd64 X11 client-side
library (development headers)

ii libx11-doc 2:1.6.3-1ubuntu2 all X11 client-side library (development documentation)

ii libx11-protocol-perl 0.56-7 all Perl module for the X
Window System Protocol, version 11

ii libx11-xcb-dev:amd64 2:1.6.3-1ubuntu2 amd64 Xlib/XCB
interface library (development headers)

ii libx11-xcb1:amd64 2:1.6.3-1ubuntu2 amd64 Xlib/XCB interface
library

ii libx11-xcb1:i386 2:1.6.3-1ubuntu2 i386 Xlib/XCB interface
library

ii libx264-148:amd64 2:0.148.2643+git5c65704-1 amd64 x264 video
coding library

ii libx265-79:amd64	1.9-3		
amd64 H.265/HEVC video stream encoder (shared library)			
ii libx86-1:amd64	1.1+ds1-10	amd64	x86 real-mode library
ii libxalan2-java processor in Java	2.7.1-9	all	XSL Transformations (XSLT)
ii libxapian22v5:amd64	1.2.22-2	amd64	Search engine library
ii libxatracker2:amd64 library -- runtime	11.2.0-1ubuntu2.2	amd64	X acceleration
ii libxau-dev:amd64 library (development headers)	1:1.0.8-1	amd64	X11 authorisation
ii libxau6:amd64 authorisation library	1:1.0.8-1	amd64	X11
ii libxau6:i386	1:1.0.8-1	i386	X11 authorisation library
ii libxaw7:amd64 library	2:1.0.13-1	amd64	X11 Athena Widget
ii libxbean-java server	4.5-1	all	plugin based Java application
ii libxcb-dri2-0:amd64 extension	1.11.1-1ubuntu1	amd64	X C Binding, dri2
ii libxcb-dri2-0:i386 extension	1.11.1-1ubuntu1	i386	X C Binding, dri2
ii libxcb-dri2-0-dev:amd64 extension, development files	1.11.1-1ubuntu1	amd64	X C Binding, dri2
ii libxcb-dri3-0:amd64 1.11.1-1ubuntu1	amd64		X C Binding, dri3 extension
ii libxcb-dri3-0:i386 extension	1.11.1-1ubuntu1	i386	X C Binding, dri3
ii libxcb-dri3-dev:amd64 extension, development files	1.11.1-1ubuntu1	amd64	X C Binding, dri3
ii libxcb-glx0:amd64 extension	1.11.1-1ubuntu1	amd64	X C Binding, glx
ii libxcb-glx0:i386 extension	1.11.1-1ubuntu1	i386	X C Binding, glx
ii libxcb-glx0-dev:amd64 extension, development files	1.11.1-1ubuntu1	amd64	X C Binding, glx
ii libxcb-icccm4:amd64 amd64 utility libraries for X C Binding -- icccm	0.4.1-1ubuntu1		
ii libxcb-image0:amd64 C Binding -- image	0.4.0-1build1	amd64	utility libraries for X
ii libxcb-keysyms1:amd64 C Binding -- keysyms	0.4.0-1	amd64	utility libraries for X
ii libxcb-present-dev:amd64 present extension, development files	1.11.1-1ubuntu1	amd64	X C Binding,
ii libxcb-present0:amd64 present extension	1.11.1-1ubuntu1	amd64	X C Binding,
ii libxcb-present0:i386 extension	1.11.1-1ubuntu1	i386	X C Binding, present
ii libxcb-randr0:amd64	1.11.1-1ubuntu1	amd64	

X C Binding, randr extension				
ii libxcb-randr0-dev:amd64	1.11.1-1ubuntu1	amd64	X C Binding,	
randr extension, development files				
ii libxcb-render-util0:amd64	0.3.9-1	amd64	utility libraries for X	
C Binding -- render-util				
ii libxcb-render0:amd64	1.11.1-1ubuntu1	amd64	X C Binding,	
render extension				
ii libxcb-render0:i386	1.11.1-1ubuntu1	i386	X C Binding, render	
extension				
ii libxcb-render0-dev:amd64	1.11.1-1ubuntu1	amd64	X C Binding,	
render extension, development files				
ii libxcb-shape0:amd64	1.11.1-1ubuntu1	amd64	X C Binding,	
shape extension				
ii				
libxcb-shape0-dev:amd64	1.11.1-1ubuntu1	amd64	X C Binding,	
shape extension, development files				
ii libxcb-shm0:amd64	1.11.1-1ubuntu1	amd64	X C Binding, shm	
extension				
ii libxcb-shm0:i386	1.11.1-1ubuntu1	i386	X C Binding, shm	
extension				
ii libxcb-shm0-dev:amd64	1.11.1-1ubuntu1	amd64	X C Binding,	
shm extension, development files				
ii libxcb-sync-dev:amd64	1.11.1-1ubuntu1	amd64	X C Binding, sync	
extension, development files				
ii libxcb-sync1:amd64	1.11.1-1ubuntu1	amd64	X C Binding, sync	
extension				
ii libxcb-sync1:i386	1.11.1-1ubuntu1	i386	X C Binding, sync extension	
ii libxcb-util1:amd64	0.4.0-0ubuntu3	amd64	utility libraries for X	
C Binding -- atom, aux and event				
ii libxcb-xfixes0:amd64	1.11.1-1ubuntu1	amd64	X C Binding,	
xfixes extension				
ii libxcb-xfixes0:i386	1.11.1-1ubuntu1	i386	X C Binding, xfixes	
extension				
ii libxcb-xfixes0-dev:amd64	1.11.1-1ubuntu1	amd64	X C Binding,	
xfixes extension, development files				
ii libxcb-xkb1:amd64	1.11.1-1ubuntu1	amd64	X C Binding,	
XKEYBOARD extension				
ii libxcb1:amd64	1.11.1-1ubuntu1	amd64	X C Binding	
ii libxcb1:i386	1.11.1-1ubuntu1	i386	X C Binding	
ii libxcb1-dev:amd64	1.11.1-1ubuntu1	amd64	X C Binding,	
development files				
ii libxcomposite-dev	1:0.4.4-1	amd64	X11 Composite	
extension library (development headers)				
ii libxcomposite1:amd64	1:0.4.4-1	amd64	X11 Composite	
extension library				
ii libxcomposite1:i386	1:0.4.4-1	i386	X11 Composite	

extension library				
ii libxcursor-dev:amd64 library (development files)	1:1.1.14-1		amd64	X cursor management
ii libxcursor1:amd64 library	1:1.1.14-1		amd64	X cursor management
ii libxcursor1:i386 library	1:1.1.14-1		i386	X cursor management
ii libxdamage-dev:amd64 extension library (development headers)	1:1.1.4-2		amd64	X11 damaged region
ii libxdamage1:amd64 extension library	1:1.1.4-2		amd64	X11 damaged region
ii libxdamage1:i386 extension library	1:1.1.4-2		i386	X11 damaged region
ii libxdmcp-dev:amd64 library (development headers)	1:1.1.2-1.1		amd64	X11 authorisation
ii libxdmcp6:amd64 library	1:1.1.2-1.1		amd64	X11 Display Manager Control Protocol
ii libxdmcp6:i386 Control Protocol library	1:1.1.2-1.1		i386	X11 Display Manager
ii libxerces2-java Java with DOM level 3 support	2.11.0-7		all	Validating XML parser for
ii libxext-dev:amd64 extensions library (development headers)	2:1.3.3-1		amd64	X11 miscellaneous
ii libxext6:amd64 extension library	2:1.3.3-1		amd64	X11 miscellaneous
ii libxext6:i386 library	2:1.3.3-1		i386	X11 miscellaneous extension
ii libxfixes-dev:amd64 'fixes' extension library (development headers)	1:5.0.1-2		amd64	X11 miscellaneous
ii libxfixes3:amd64 'fixes' extension library	1:5.0.1-2		amd64	X11 miscellaneous
ii libxfixes3:i386 extension library	1:5.0.1-2		i386	X11 miscellaneous 'fixes'
ii libxfont1:amd64 library	1:1.5.1-1		amd64	X11 font rasterisation
ii libxft-dev library for X (development files)	2.3.2-1		amd64	FreeType-based font drawing
ii libxft2:amd64 font drawing library for X	2.3.2-1		amd64	FreeType-based
ii libxi-dev (development headers)	2:1.7.6-1		amd64	X11 Input extension library
ii libxi6:amd64 library	2:1.7.6-1		amd64	X11 Input extension
ii libxi6:i386	2:1.7.6-1		i386	X11 Input extension library
ii libxinerama-dev:amd64	2:1.1.3-1		amd64	X11 Xinerama

extension library (development headers)				
ii libxineramal:amd64	2:1.1.3-1		amd64	X11 Xinerama
extension library				
ii libxineramal:i386	2:1.1.3-1		i386	X11 Xinerama extension
library				
ii libxkbcommon-x11-0:amd64	0.5.0-1ubuntu2		amd64	library to create keymaps with the XKB X11
protocol				
ii libxkbcommon0:amd64	0.5.0-1ubuntu2		amd64	library interface
to the XKB compiler - shared library				
ii libxkbfile:amd64	1:1.0.9-0ubuntu1		amd64	X11 keyboard file
manipulation library				
ii libxklavier16:amd64	5.4-0ubuntu2		amd64	X Keyboard
Extension high-level API				
ii libxml-commons-external-java	1.4.01-2build1		all	XML Commons
external code - DOM, SAX, and JAXP, etc				
ii libxml-commons-resolver1.1-java	1.2-7build1		all	XML entity and
URI resolver library				
ii libxml-dom-perl	1.44-2		all	Perl module for building DOM Level 1
compliant doc structures				
ii libxml-parser-perl	2.44-1build1		amd64	Perl module for parsing
XML files				
ii libxml-perl	0.08-2		all	Perl modules for working with
XML				
ii libxml-regex-perl	0.04-1		all	Perl module for regular
expressions for XML tokens				
ii libxml-twig-perl	1:3.48-1		all	Perl module for processing
huge XML documents in tree mode				
ii libxml-xpathengine-perl	0.13-1		all	re-usable XPath engine
for DOM-like				
trees				
ii libxml2:amd64	2.9.3+dfsg1-1ubuntu0.1		amd64	GNOME XML
library				
ii libxml2:i386	2.9.3+dfsg1-1ubuntu0.1		i386	GNOME XML
library				
ii libxml2-dev:amd64	2.9.3+dfsg1-1ubuntu0.1		amd64	Development
files for the GNOME XML library				
ii libxml2-utils	2.9.3+dfsg1-1ubuntu0.1		amd64	XML utilities
ii libxmu6:amd64	2:1.1.2-2		amd64	X11 miscellaneous
utility library				
ii libxmu1:amd64	2:1.1.2-2		amd64	X11 miscellaneous
micro-utility library				
ii libxom-java	1.2.10-1			
all				New XML object model for Java
ii libxpm4:amd64	1:3.5.11-1ubuntu0.16.04.1		amd64	X11 pixmap
library				
ii libxpp2-java	2.1.10-7build1		all	XML pull parser library for

java V2				
ii libxpp3-java	1.1.4c-2build1		all	XML pull parser library for java
ii libxrandr-dev:amd64	2:1.5.0-1		amd64	X11 RandR extension library (development headers)
ii libxrandr2:amd64	2:1.5.0-1		amd64	X11 RandR extension library
ii libxrandr2:i386	2:1.5.0-1		i386	X11 RandR extension library
ii libxrender-dev:amd64	1:0.9.9-0ubuntu1		amd64	X Rendering Extension client library (development files)
ii libxrender1:amd64	1:0.9.9-0ubuntu1		amd64	X Rendering Extension client library
ii libxrender1:i386	1:0.9.9-0ubuntu1		i386	X Rendering Extension client library
ii libxres1:amd64	2:1.0.7-1		amd64	X11 Resource extension library
ii libxshmfence-dev:amd64	1.2-1		amd64	X shared memory fences - development files
ii libxshmfence1:amd64	1.2-1		amd64	X shared memory fences - shared library
ii libxshmfence1:i386	1.2-1	i386		X shared memory fences - shared library
ii libxslt1.1:amd64	1.1.28-2.1		amd64	XSLT 1.0 processing library - runtime library
ii libxslt1.1:i386	1.1.28-2.1		i386	XSLT 1.0 processing library - runtime library
ii libxss1:amd64	1:1.2.2-1		amd64	X11 Screen Saver extension library
ii libxss1:i386	1:1.2.2-1		i386	X11 Screen Saver extension library
ii libxt6:amd64	1:1.1.5-0ubuntu1		amd64	X11 toolkit intrinsics library
ii libxt6:i386	1:1.1.5-0ubuntu1	i386		X11 toolkit intrinsics library
ii libxtables11:amd64	1.6.0-2ubuntu3		amd64	netfilter xtables library
ii libxtst6:amd64	2:1.2.2-1		amd64	X11 Testing -- Record extension library
ii libxtst6:i386	2:1.2.2-1		i386	X11 Testing -- Record extension library
ii libxv1:amd64	2:1.0.10-1		amd64	X11 Video extension library
ii libxv1:i386	2:1.0.10-1		i386	X11 Video extension library
ii libxvidcore4:amd64	2:1.3.4-1		amd64	Open source MPEG-4 video codec (library)
ii libxvnc1:amd64	2:1.0.9-1ubuntu1		amd64	X11 Video

extension library				
ii libxxf86dga1:amd64	2:1.1.4-1	amd64	X11 Direct Graphics	
Access extension library				
ii libxxf86vm-dev:amd64	1:1.1.4-1	amd64	X11 XFree86 video	
mode extension library (development headers)				
ii libxxf86vm1:amd64	1:1.1.4-1	amd64	X11 XFree86 video	
mode extension library				
ii libxxf86vm1:i386	1:1.1.4-1	i386	X11 XFree86 video mode	
extension library				
ii libyajl2:amd64	2.1.0-2	amd64		
Yet Another JSON Library				
ii libyaml-0-2:amd64	0.1.6-3	amd64	Fast YAML 1.1 parser	
and emitter library				
ii libyaml-libyaml-perl	0.41-6build1	amd64	Perl interface to	
libyaml, a YAML implementation				
ii libyaml-tiny-perl	1.69-1	all	Perl module for reading and	
writing YAML files				
ii libyelp0:amd64	3.18.1-1ubuntu4	amd64	Library for the	
GNOME help browser				
ii libzbar0:amd64	0.10+doc-10ubuntu1	amd64	bar code scanner	
and decoder (library)				
ii libzeitgeist-1.0-1:amd64	0.3.18-1ubuntu3	amd64	library to access	
Zeitgeist - shared library				
ii libzeitgeist-2.0-0:amd64	0.9.16-0ubuntu4	amd64	library to access	
Zeitgeist - shared library				
ii libzmq5:amd64	4.1.4-7	amd64	lightweight messaging	
kernel (shared library)				
ii libzvbi-common	0.2.35-10	all	Vertical Blanking Interval	
decoder (VBI) - common files				
ii libzvbi0:amd64	0.2.35-10	amd64	Vertical Blanking	
Interval decoder (VBI) - runtime files				
ii libzip-0-13:amd64	0.13.62-3	amd64	library providing read	
access on ZIP-archives - library				
ii light-themes	14.04+16.04.20161024-0ubuntu1			
all	Light Themes (Ambiance and Radiance)			
ii lightdm	1.18.3-0ubuntu1	amd64	Display Manager	
ii lintian	2.5.43	all	Debian package checker	
ii linux-base	4.0ubuntu1	all	Linux image base package	
ii linux-firmware	1.157.8	all	Firmware for Linux kernel	
drivers				
ii linux-generic	4.4.0.62.65	amd64	Complete Generic Linux	
kernel and headers				
ii linux-headers-4.4.0-59	4.4.0-59.80	all	Header files related to	
Linux kernel version 4.4.0				
ii linux-headers-4.4.0-59-generic	4.4.0-59.80	amd64	Linux kernel headers for version 4.4.0 on 64 bit x86	
SMP				
ii linux-headers-4.4.0-62	4.4.0-62.83	all	Header files related to	

Linux kernel version 4.4.0			
ii	linux-headers-4.4.0-62-generic	4.4.0-62.83	amd64 Linux kernel
headers for version 4.4.0 on 64 bit x86 SMP			
ii	linux-headers-generic	4.4.0.62.65	amd64 Generic Linux kernel
headers			
rc	linux-image-4.4.0-57-generic	4.4.0-57.78	amd64 Linux kernel
image for version 4.4.0 on 64 bit x86 SMP			
ii	linux-image-4.4.0-59-generic	4.4.0-59.80	amd64 Linux kernel image
for			
version 4.4.0 on 64 bit x86 SMP			
ii	linux-image-4.4.0-62-generic	4.4.0-62.83	amd64 Linux kernel image
for version 4.4.0 on 64 bit x86 SMP			
rc	linux-image-extra-4.4.0-57-generic	4.4.0-57.78	amd64 Linux kernel
extra modules for version 4.4.0 on 64 bit x86 SMP			
ii	linux-image-extra-4.4.0-59-generic	4.4.0-59.80	amd64 Linux kernel
extra modules for version 4.4.0 on 64 bit x86 SMP			
ii	linux-image-extra-4.4.0-62-generic	4.4.0-62.83	amd64 Linux kernel
extra modules for version 4.4.0 on 64 bit x86 SMP			
ii	linux-image-generic	4.4.0.62.65	amd64 Generic Linux kernel
image			
ii	linux-libc-dev:amd64	4.4.0-62.83	
	amd64	Linux Kernel Headers for development	
ii	linux-signed-generic	4.4.0.62.65	amd64 Complete Signed
Generic Linux kernel and headers			
rc	linux-signed-image-4.4.0-57-generic	4.4.0-57.78	amd64 Signed kernel
image generic			
ii	linux-signed-image-4.4.0-59-generic	4.4.0-59.80	amd64 Signed kernel
image generic			
ii	linux-signed-image-4.4.0-62-generic	4.4.0-62.83	amd64 Signed kernel
image generic			
ii	linux-signed-image-generic	4.4.0.62.65	amd64 Signed Generic
Linux kernel image			
ii	linux-sound-base	1.0.25+dfsg-0ubuntu5	all base package for
ALSA and OSS sound systems			
ii	linux-tools-4.4.0-59	4.4.0-59.80	amd64 Linux kernel version
specific tools for version 4.4.0-59			
ii	linux-tools-4.4.0-59-generic	4.4.0-59.80	amd64 Linux kernel version
specific tools for version 4.4.0-59			
ii	linux-tools-4.4.0-62	4.4.0-62.83	amd64 Linux kernel version
specific tools for version 4.4.0-62			
ii	linux-tools-4.4.0-62-generic	4.4.0-62.83	amd64 Linux kernel version
specific tools for version 4.4.0-62			
ii	linux-tools-common	4.4.0-62.83	all Linux kernel version
specific tools for version 4.4.0			
ii	linux-tools-virtual	4.4.0.62.65	
	amd64	This package will always depend on the latest minimal generic kernel tools.	
ii	lldb	1:3.8-33ubuntu3.1	amd64 Next generation, high-
performance debugger			

ii lldb-3.8 performance debugger	1:3.8-2ubuntu4	amd64	Next generation, high-
ii llvm-3.8 toolchain technologies	1:3.8-2ubuntu4	amd64	Modular compiler and
ii llvm-3.8-dev toolchain technologies, libraries and headers	1:3.8-2ubuntu4	amd64	Modular compiler and
ii llvm-3.8-runtime toolchain technologies, IR interpreter	1:3.8-2ubuntu4	amd64	Modular compiler and
ii lmodern OpenType fonts based on Computer Modern	2.004.5-1	all	scalable PostScript and
ii locales Language (locale) data [support]	2.23-0ubuntu5	all	GNU C Library: National
ii login	1:4.2-3.1ubuntu5	amd64	system login tools
ii logrotate	3.8.7-2ubuntu2	amd64	Log rotation utility
ii lp-solve linear programming problems	5.5.0.13-7build2	amd64	Solve (mixed integer)
ii lsb-base script functionality	9.20160110ubuntu0.2	all	Linux Standard Base init
ii lsb-release utility	9.20160110ubuntu0.2	all	Linux Standard Base version reporting
ii lshw hardware configuration	02.17-1.1ubuntu3.2	amd64	information about
ii lsof	4.89+dfsg-0.1	amd64	Utility to list open files
ii ltrace calls in dynamically linked programs	0.7.3-5.1ubuntu4	amd64	Tracks runtime library
ii m4	1.4.17-5	amd64	macro processing language
ii make compilation	4.1-6	amd64	utility for directing
ii makedev creates device files in /dev	2.3.1-93ubuntu1	all	
ii man-db	2.7.5-1	amd64	on-line manual pager
ii manpages GNU/Linux system	4.04-2	all	Manual pages about using a
ii manpages-dev GNU/Linux for development	4.04-2	all	Manual pages about using
ii mathpiper System	0.81f+svn4469+dfsg3-3	all	Java Computer Algebra
ii maven management and comprehension tool	3.3.9-3	all	Java software project
ii mawk a pattern scanning and text processing language	1.3.3-17ubuntu2	amd64	
ii media-player-info files	22-2	all	Media player identification
ii memtest86+ memory tester	5.01-3ubuntu2	amd64	thorough real-mode
ii mesa-common-dev:amd64	11.2.0-1ubuntu2.2	amd64	Developer

documentation for Mesa				
ii mesa-udpau-drivers:amd64	11.2.0-1ubuntu2.2	amd64	Mesa VDPAU	video acceleration drivers
ii metacity-common	1:3.18.7-0ubuntu0.2	all	shared files for the	Metacity window manager
ii mime-support	3.59ubuntu1			
all			MIME files 'mime.types' & 'mailcap', and support programs	
ii mlocate	0.26-1ubuntu2	amd64	quickly find files on the	filesystem based on their name
ii mobile-broadband-provider-info	20140317-1	all	database of mobile	broadband service providers
ii modemmanager	1.4.12-1ubuntu1	amd64	D-Bus service for	managing modems
ii mokutil	0.3.0-0ubuntu3	amd64	tools for manipulating	machine owner keys
ii mongodb-org-server	3.0.14	amd64	MongoDB database	server
ii mongodb-org-shell	3.0.14			
amd64			MongoDB shell client	
ii mongodb-org-tools	3.0.14	amd64	MongoDB tools	
ii mono-4.0-gac	4.2.1.102+dfsg2-7ubuntu4	all	Mono GAC tool (for	CLI 4.0)
ii mono-csharp-shell	4.2.1.102+dfsg2-7ubuntu4	all	interactive C# shell	
ii mono-devel	4.2.1.102+dfsg2-7ubuntu4	all	Mono development	tools
ii mono-gac	4.2.1.102+dfsg2-7ubuntu4	all	Mono GAC tool	
ii mono-mcs	4.2.1.102+dfsg2-7ubuntu4	all	Mono C# 2.0 / 3.0 /	4.0 / 5.0 compiler for CLI 2.0 / 4.0 / 4.5
ii mono-runtime				
4.2.1.102+dfsg2-7ubuntu4		amd64	Mono runtime - default version	
ii mono-runtime-common	4.2.1.102+dfsg2-7ubuntu4	amd64	Mono	runtime - common files
ii mono-runtime-sgen	4.2.1.102+dfsg2-7ubuntu4	amd64	Mono runtime	- SGen
ii mono-utils	4.2.1.102+dfsg2-7ubuntu4	amd64	Mono utilities	
ii mono-xbuild	4.2.1.102+dfsg2-7ubuntu4	all	MSBuild-compatible	build system for Mono
ii mount	2.27.1-6ubuntu3.2	amd64	tools for mounting and	manipulating filesystems
ii mountall	2.54ubuntu1	amd64	filesystem	mounting tool
ii mousetweaks	3.12.0-1ubuntu2	amd64	mouse accessibility	enhancements for the GNOME desktop
ii mscompress	0.4-3	amd64	Microsoft	"compress.exe/expand.exe" compatible (de)compressor
ii mtools	4.0.18-2ubuntu0.16.04	amd64	Tools for manipulating	MSDOS files
ii mtr-tiny	0.86-1ubuntu0.1	amd64	Full screen ncurses	

traceroute tool				
ii multiarch-support	2.23-0ubuntu5		amd64	Transitional package
to ensure multiarch compatibility				
ii mysql-common	5.7.17-0ubuntu0.16.04.1		all	MySQL
database common files, e.g. /etc/mysql/my.cnf				
ii mythes-en-au	2.1-5.4		all	Australian English Thesaurus
for OpenOffice.org				
ii mythes-en-us	1:5.1.0-1ubuntu2.2		all	English (USA)
Thesaurus for LibreOffice				
ii mythes-it	2.0.7.gn.deb1-4.1		all	Italian Thesaurus for
OpenOffice.org 2				
ii nano	2.5.3-2ubuntu1		amd64	small, friendly text editor
inspired by Pico				
ii nautilus	1:3.18.4.is.3.14.3-0ubuntu5		amd64	file manager and
graphical shell for GNOME				
ii nautilus-data	1:3.18.4.is.3.14.3-0ubuntu5		all	
data files for nautilus				
ii nautilus-sendto	3.8.2-1ubuntu1		amd64	integrates Evolution
and Pidgin into the Nautilus file manager				
ii nautilus-share	0.7.3-2ubuntu1		amd64	Nautilus extension to
share folder using Samba				
ii ncurses-base	6.0+20160213-1ubuntu1		all	basic terminal type
definitions				
ii ncurses-bin	6.0+20160213-1ubuntu1		amd64	terminal-related
programs and man pages				
ii net-tools	1.60-26ubuntu1		amd64	NET-3 networking
toolkit				
ii netbase	5.3		all	Basic TCP/IP networking system
ii				
netcat-openbsd	1.105-7ubuntu1		amd64	TCP/IP swiss army
knife				
ii netpbm	2:10.0-15.3		amd64	Graphics conversion tools
between image formats				
ii network-manager	1.2.2-0ubuntu0.16.04.3		amd64	network
management framework (daemon and userspace tools)				
ii network-manager-gnome	1.2.0-0ubuntu0.16.04.4		amd64	network
management framework (GNOME frontend)				
ii network-manager-pptp	1.1.93-1ubuntu1		amd64	network
management framework (PPTP plugin core)				
ii network-manager-pptp-gnome	1.1.93-1ubuntu1		amd64	network
management framework (PPTP plugin GNOME GUI)				
ii node-abbrev	1.0.5-2		all	Get unique abbreviations for a
set of strings - Node.js module				
ii node-ansi	0.3.0-2		all	Advanced ANSI formatting tool
for Node.js				
ii node-ansi-color-table	1.0.0-1		all	Color and format tables for
ansi output - Node.js module				

ii	node-archy module for Node.js	0.0.2-1	all	Pretty-print nested hierarchies
ii	node-async common patterns for asynchronous Javascript	0.8.0-1	all	higher-order functions and
ii	node-block-stream all Stream of fixed-size blocks, with zero-padding when necessary	0.0.7-1		
ii	node-combined-stream another - module for Node.js	0.0.5-1	all	Append streams one after
ii	node-cookie-jar clients - module for Node.js	0.3.1-1	all	Cookie handling for HTTP
ii	node-delayed-stream later handling - module for Node.js	0.0.5-1	all	Buffer stream events for
ii	node-forever-agent keep-alive requests - module for Node.js	0.5.1-1	all	HTTP agent supporting
ii	node-form-data streams module for Node.js	0.1.0-1	all	Create multipart/form-data
ii	node-fstream tools for Node.js	0.1.24-1	all	Advanced filesystem streaming
ii	node-fstream-ignore configurable by .ignore module for Node.js	0.0.6-2	all	Directory reader
ii	node-github-url-from-git url to an http url - Node.js module	1.1.1-1	all	Convert github git or gist
ii	node-glob	4.0.5-1	all	glob functionality for Node.js
ii	node-graceful-fs improving the Node.js fs module	3.0.2-1	all	drop-in replacement
ii	node-gyp addon build tool for Node.js	3.0.3-2ubuntu1	all	Native
ii	node-inherits Node.js environment	2.0.1-3	all	Exposes inherits function from
ii	node-ini for Node.js	1.1.0-1	all	ini format parser and serializer
ii	node-json-stringify-safe circular references module for Node.js	5.0.0-1	all	JSON.stringify with
ii	node-lockfile module for Node.js	0.4.1-1	all	Asynchronous file lock
ii	node-lru-cache object for Node.js	2.3.1-1	all	least-recently-used cache
ii	node-mime library for mime-type mapping for Node.js	1.3.4-1	all	
ii	node-minimatch into RegExp objects for Node.js	1.0.0-1	all	Convert glob expressions
ii	node-mkdirp - Node.js module	0.5.0-1	all	Recursively create directories
ii	node-mute-stream can be muted module for Node.js	0.0.4-1	all	Pass-through stream that
ii	node-node-uuid RFC4122 UUIDs - Node module	1.4.0-1	all	simple, fast generation of

ii node-nopt for Node.js	3.0.1-1	all	Command-line option parser
ii node-normalize-package-data	0.2.2-1		
all Normalizes package metadata - Node.js module			
ii node-npmlog and colored output for Node.js	0.0.4-1	all	Logger with custom levels
ii node-once this module for Node.js	1.1.1-1	all	Run a function only once with
ii node-osenv module for Node.js	0.1.0-1	all	Environment settings lookup
ii node-qs Node.js	2.2.4-1	all	Parse, stringify query strings for
ii node-read module for Node.js	1.0.5-1	all	Read user input from stdin
ii node-read-package-json 1.2.4-1	all		Read package.json for npm module for Node.js
ii node-request client module for Node.js	2.26.1-1	all	simplified HTTP request
ii node-retry operations module for Node.js	0.6.0-1	all	Retry strategies for failed
ii node-rimraf module for Node.js	2.2.8-1	all	Deep deletion (like rm -rf)
ii node-semver Node.js	2.1.0-2	all	Semantic Versioning for
ii node-sha hashes - module for Node.js	1.2.3-1	all	Check and get file or stream
ii node-sigmund for Node.js	1.0.0-1	all	Quick and dirty signatures for Objects module
ii node-slide flow control module for Node.js	1.1.4-1	all	Simple chain and asyncMap
ii node-tar archives module for Node.js	1.0.3-2	all	read and write portable tar
ii node-tunnel-agent module for Node.js	0.3.1-1	all	HTTP proxy tunneling agent
ii node-underscore programming helper library - NodeJS	1.7.0~dfsg-1ubuntu1	all	JavaScript's functional
ii node-which 'which' module for Node.js	1.0.5-2	all	Cross-platform
ii nodejs javascript	4.2.6~dfsg-1ubuntu4.1	amd64	evented I/O for V8
ii nodejs-dev javascript (development files)	4.2.6~dfsg-1ubuntu4.1	amd64	evented I/O for V8
ii nodejs-legacy javascript (legacy symlink)	4.2.6~dfsg-1ubuntu4.1	all	evented I/O for V8
ii notify-osd displays passive pop-up notifications	0.9.35+16.04.20160415-0ubuntu1	amd64	daemon that
ii notify-osd-icons	0.8+15.10.20151016.2-0ubuntu1	all	Notify-OSD

icons				
ii npm	3.5.2-0ubuntu4		all	package manager for Node.js
ii				
ntfs-3g	1:2015.3.14AR.1-1ubuntu0.1		amd64	read/write NTFS
driver for FUSE				
ii nux-tools	4.0.8+16.04.20160705-0ubuntu1		amd64	Visual rendering
toolkit for real-time applications - tools				
ii ocl-icd-libopencl1:amd64	2.2.8-1		amd64	Generic OpenCL ICD
Loader				
ii ocl-icd-opencl-dev:amd64	2.2.8-1		amd64	OpenCL development
files				
ii onboard	1.2.0-0ubuntu5		amd64	Simple On-screen
Keyboard				
ii onboard-data	1.2.0-0ubuntu5		all	Language model files for
the word suggestion feature of Onboard				
ii opencl-headers	2.0~svn32091-2		all	OpenCL (Open Computing Language) header
files				
ii opencv-data	2.4.9.1+dfsg-1.5ubuntu1		all	development data for
opencv				
ii openoffice.org-hyphenation	0.9		all	Hyphenation patterns for
OpenOffice.org				
ii openprinting-ppds	20160212-0ubuntu1		all	OpenPrinting printer
support - PostScript PPD files				
ii openssh-client	1:7.2p2-4ubuntu2.1		amd64	secure shell (SSH)
client, for secure access to remote machines				
ii openssl	1.0.2g-1ubuntu4.6		amd64	Secure Sockets Layer
toolkit - cryptographic utility				
ii oracle-java8-installer	8u121-1~webupd8~0		all	Oracle Java(TM) Development Kit (JDK) 8
ii oracle-java8-set-default	8u121-1~webupd8~0		all	Set Oracle JDK 8
as default Java				
ii os-prober	1.70ubuntu3		amd64	utility to detect other
OSes on a set of drives				
ii overlay-scrollbar	0.2.17.1+16.04.20151117-0ubuntu1.16.04.1		all	Scrollbar
overlay - configuration				
ii overlay-scrollbar-gtk2:amd64	0.2.17.1+16.04.20151117-0ubuntu1.16.04.1		amd64	
GTK 2 module for overlay scrollbars				
ii oxideqt-codecs-extra:amd64	1.20.4-0ubuntu0.16.04.1		amd64	Web browser
engine for Qt (codecs)				
ii p11-kit	0.23.2-5~ubuntu16.04.1		amd64	p11-glue utilities
ii p11-kit-modules:amd64	0.23.2-5~ubuntu16.04.1		amd64	p11-glue
proxy and trust modules				
ii pandoc	1.16.0.2~dfsg-1		amd64	general markup converter
ii pandoc-data	1.16.0.2~dfsg-1		all	general markup converter -
data files				
ii parted	3.2-15		amd64	disk partition manipulator

ii passwd	1:4.2-3.1ubuntu5	amd64	change and administer password and group data
ii patch	2.7.5-1	amd64	Apply a diff file to an original
ii patchutils	0.3.4-1	amd64	Utilities to work with patches
ii pciutils	1:3.3.1-1.1ubuntu1	amd64	Linux PCI Utilities
ii pcmciautils	018-8	amd64	PCMCIA utilities for Linux 2.6
ii perl	5.22.1-9	amd64	Larry Wall's Practical Extraction and Report Language
ii perl-base	5.22.1-9	amd64	minimal Perl system
ii perl-modules-5.22	5.22.1-9	all	Core Perl modules
ii pgdg-keyring	2014.1	all	keyring for apt.postgresql.org
ii pinentry-gnome3	0.9.7-3	amd64	GNOME 3 PIN or pass-phrase entry dialog for GnuPG
ii pkg-config	0.29.1-0ubuntu1	amd64	manage compile and link flags for libraries
ii plainbox-provider-checkbox	0.25-1	amd64	CheckBox provider for PlainBox
ii plainbox-provider-resource-generic	0.23-1	amd64	CheckBox generic resource jobs provider
ii plainbox-secure-policy	0.25-1	all	policykit policy required to use plainbox (secure version)
ii plymouth	0.9.2-3ubuntu13.1	amd64	boot animation, logger and I/O multiplexer
ii plymouth-label	0.9.2-3ubuntu13.1	amd64	boot animation, logger and I/O multiplexer - label control
ii plymouth-theme-ubuntu-logo	0.9.2-3ubuntu13.1	amd64	boot animation, logger and I/O multiplexer - ubuntu theme
ii plymouth-theme-ubuntu-text	0.9.2-3ubuntu13.1	amd64	boot animation, logger and I/O multiplexer - ubuntu text theme
ii pm-utils	1.4.1-16	all	utilities and scripts for power management
ii po-debconf	1.0.19	all	tool for managing templates file translations with gettext
ii policykit-1	0.105-14.1	amd64	framework for managing administrative policies and privileges
ii policykit-1-gnome	0.105-2ubuntu2	amd64	GNOME authentication agent for PolicyKit-1
ii policykit-desktop-privileges	0.20	all	run common desktop actions without password
ii poppler-data	0.4.7-7	all	encoding data for the poppler PDF rendering library
ii poppler-utils	0.41.0-0ubuntu1.1	amd64	PDF utilities (based on Poppler)
ii popularity-contest	1.64ubuntu2	all	Vote for your favourite

packages automatically			
ii postgresql database (supported version)	9.6+178.pgdg16.04+1	all	object-relational SQL
ii postgresql-9.5 SQL database, version 9.5 server	9.5.5-1.pgdg16.04+1	amd64	object-relational
ii postgresql-9.6 SQL database, version 9.6 server	9.6.1-2.pgdg16.04+1	amd64	object-relational
ii postgresql-client-9.5 for PostgreSQL 9.5	9.5.5-1.pgdg16.04+1	amd64	front-end programs
ii postgresql-client-9.6 for PostgreSQL 9.6	9.6.1-2.pgdg16.04+1	amd64	front-end programs
ii postgresql-client-common multiple PostgreSQL client versions	178.pgdg16.04+1	all	manager for
ii postgresql-common database-cluster manager	178.pgdg16.04+1	all	PostgreSQL
ii postgresql-contrib for PostgreSQL (supported version)	9.6+178.pgdg16.04+1	all	additional facilities
ii postgresql-contrib-9.5 facilities for PostgreSQL	9.5.5-1.pgdg16.04+1	amd64	additional
ii postgresql-contrib-9.6 facilities for PostgreSQL	9.6.1-2.pgdg16.04+1	amd64	additional
ii powermgmt-base configs for power management	1.31+nmu1	all	Common utils and
ii ppp Protocol (PPP) - daemon	2.4.7-1+2ubuntu1	amd64	Point-to-Point
ii pppconfig configuring ppp	2.3.22	all	Text menu based utility for
ii pppoeconf connections	1.21ubuntu1	all	configures PPPoE/ADSL
ii pptp-linux Protocol (PPTP) Client	1.8.0-1	amd64	Point-to-Point Tunneling
ii preview-latex-style from LaTeX documents as graphics	11.88-1.1ubuntu1	all	extraction of elements
ii printer-driver-brlaser (some) Brother laser printers	3-5~ubuntu1	amd64	printer driver for
ii printer-driver-c2esp driver for Kodak ESP AiO color inkjet Series	27-2	amd64	printer
ii printer-driver-foo2zjs for ZjStream-based printers	20151024dfsg0-1ubuntu1	amd64	printer driver
ii printer-driver-foo2zjs-common for ZjStream-based printers - common files	20151024dfsg0-1ubuntu1	all	printer driver
ii printer-driver-gutenprint CUPS	5.2.11-1	amd64	printer drivers for
ii printer-driver-hpcups and Imaging - CUPS Raster driver (hpcups)	3.16.3+repack0-1	amd64	HP Linux Printing
ii printer-driver-min12xxw KonicaMinolta PagePro 1[234]xxW	0.0.9-9	amd64	printer driver for
ii printer-driver-pnm2ppa	1.13+nondbs-0ubuntu5		

amd64	printer driver for HP-GDI printers			
ii	printer-driver-postscript-hp PostScript Descriptions	3.16.3+repack0-1	all	HP Printers
ii	printer-driver-ptouch touch label printers	1.4-1	amd64	printer driver Brother P-
ii	printer-driver-pxljr Color LaserJet 35xx/36xx	1.4+repack0-4	amd64	printer driver for HP
ii	printer-driver-sag-gdi Aficio SP 1000s/SP 1100s	0.1-4ubuntu1	all	printer driver for Ricoh
ii	printer-driver-splix Samsung and Xerox SPL2 and SPLc laser printers	2.0.0+svn315-4fakesync1	amd64	Driver for
ii	procps amd64 /proc file system utilities	2:3.3.10-4ubuntu2.3		
ii	prosper transparencies	1.00.4+cvcs.2007.05.01-4	all	LaTeX class for writing
ii	ps2eps EPS (Encapsulated PostScript) files	1.68+binaryfree-1	amd64	convert PostScript to
ii	psmisc file system	22.21-2.1build1	amd64	utilities that use the proc
ii	psutils handling utilities	1.17.dfsg-2	amd64	PostScript document
ii	pulse	8.2	all	Pulse Secure Client for Linux
ii	pulseaudio PulseAudio sound server	1:8.0-0ubuntu3.2	amd64	
ii	pulseaudio-module-bluetooth module for PulseAudio sound server	1:8.0-0ubuntu3.2	amd64	Bluetooth
ii	pulseaudio-module-x11 PulseAudio sound server	1:8.0-0ubuntu3.2	amd64	X11 module for
ii	pulseaudio-utils for the PulseAudio sound server	1:8.0-0ubuntu3.2	amd64	Command line tools
ii	pyotherside	1.4.0-2	all	transitional dummy package
ii	python oriented language (default version)	2.7.11-1	amd64	interactive high-level object-
ii	python-alabaster sidebar-enabled Sphinx theme (Python 2)	0.7.7-1	all	Configurable
ii	python-all supported Python runtime versions	2.7.11-1	amd64	package depending on all
ii	python-all-dev supported Python development packages	2.7.11-1	amd64	package depending on all
ii	python-appindicator bindings for libappindicator	12.10.1+15.04.20141110-0ubuntu1	amd64	Python
ii	python-apt libapt-pkg	1.1.0~beta1build1	amd64	Python interface to
ii	python-apt-common libapt-pkg (locales)	1.1.0~beta1build1	all	Python interface to
ii	python-babel all tools for internationalizing Python applications - Python 2.x	1.3+dfsg.1-6		
ii	python-babel-localedata	1.3+dfsg.1-6	all	tools for

internationalizing Python applications - locale data files				
ii python-cairo Cairo vector graphics library	1.8.8-2	amd64		Python bindings for the
ii python-chardet detector for Python2	2.3.0-2	all		universal character encoding
ii python-compizconfig:amd64 Compizconfig bindings for Python	1:0.9.12.2+16.04.20160823-0ubuntu1		amd64	
ii python-dev library for Python (default)	2.7.11-1	amd64		header files and a static
ii python-docutils 0.12+dfsg-1	all			text processing system for reStructuredText (implemented in Python 2)
ii python-gi gobject-introspection libraries	3.20.0-0ubuntu1		amd64	Python 2.x bindings for
ii python-gobject GObject - transitional package	3.20.0-0ubuntu1		all	Python 2.x bindings for
ii python-gobject-2 Python bindings for the GObject library	2.28.6-12ubuntu1		amd64	deprecated static
ii python-gtk2 GTK+ widget set	2.24.0-4ubuntu1		amd64	Python bindings for the
ii python-jinja2 use stand-alone template engine	2.8-1		all	small but fast and easy to
ii python-lldb-3.8 performance debugger, python lib	1:3.8-2ubuntu4		amd64	Next generation, high-
ii python-lockfile Python — Python 2 library	1:0.12.2-1		all	file locking library for
ii python-markupsafe HTML/XHTML/XML string library for Python	0.23-2build2		amd64	
ii python-minimal Python language (default version)	2.7.11-1		amd64	minimal subset of the
ii python-numpy adds a fast array facility to the Python language	1:1.11.0-1ubuntu1		amd64	Numerical Python
ii python-pil:amd64 amd64 Python Imaging Library (Pillow fork)	3.1.2-0ubuntu1			
ii python-pil.imagetk:amd64 Library - ImageTk Module (Pillow fork)	3.1.2-0ubuntu1		amd64	Python Imaging
ii python-pip installer	8.1.1-2ubuntu0.4		all	alternative Python package
ii python-pip-whl package installer	8.1.1-2ubuntu0.4		all	alternative Python
ii python-pkg-resources Resource Access using pkg_resources	20.7.0-1		all	Package Discovery and
ii python-ply for Python2	3.7-1		all	Lex and Yacc implementation
ii python-pygments all syntax highlighting package written in Python	2.1+dfsg-1			
ii python-roman generating/analyzing Roman numerals for Python 2	2.0.0-2		all	module for

ii python-setuptools	20.7.0-1	all	Python Distutils Enhancements
ii python-six	1.10.0-3	all	Python 2 and 3 compatibility library (Python 2 interface)
ii python-sphinx	1.3.6-2ubuntu1	all	documentation generator for Python projects (implemented in Python 2)
ii python-sphinx-rtd-theme	0.1.9-1	all	sphinx theme from readthedocs.org (Python 2)
ii python-talloc	2.1.5-2	amd64	hierarchical pool based memory allocator - Python bindings
ii python-tk	2.7.11-2	amd64	Tkinter - Writing Tk applications with Python
ii python-tz	2014.10~dfsg1-0ubuntu2	all	Python version of the Olson timezone database
ii python-wheel	0.29.0-1	all	built-package format for Python
ii python2.7	2.7.12-1ubuntu0~16.04.1	amd64	Interactive high-level object-oriented language (version 2.7)
ii python2.7-dev	2.7.12-1ubuntu0~16.04.1	amd64	Header files and a static library for Python (v2.7)
ii python2.7-minimal	2.7.12-1ubuntu0~16.04.1	amd64	Minimal subset of the Python language (version 2.7)
ii python3	3.5.1-3	amd64	interactive high-level object-oriented language (default python3 version)
ii python3-apport	2.20.1-0ubuntu2.5	all	Python 3 library for Appport crash report handling
ii python3-apt	1.1.0~beta1build1	amd64	Python 3 interface to libapt-pkg
ii python3-aptdaemon	1.1.1+bzr982-0ubuntu14	all	Python 3 module for the server and client of aptdaemon
ii python3-aptdaemon.gtk3widgets	1.1.1+bzr982-0ubuntu14	all	Python 3 GTK+ 3 widgets to run an aptdaemon client
ii python3-aptdaemon.pkcompat	1.1.1+bzr982-0ubuntu14	all	PackageKit compatibility for AptDaemon
ii python3-blinker	1.3.dfsg2-1build1	all	fast, simple object-to-object and broadcast signaling library
ii python3-brlapi	5.3.1-2ubuntu2.1	amd64	Braille display access via BRLTTY - Python3 bindings
ii python3-bs4	4.4.1-1	all	error-tolerant HTML parser for Python 3
ii python3-cairo	1.10.0+dfsg-5build1	amd64	Python 3 bindings for the Cairo vector graphics library
ii python3-cffi-backend	1.5.2-1ubuntu1	amd64	Foreign Function Interface for Python 3 calling C code - runtime
ii python3-chardet	2.3.0-2	all	universal character encoding detector for Python3

ii python3-checkbox-support modules used by PlainBox providers	0.22-1	all	collection of Python
ii python3-commandnotfound for command-not-found.	0.3ubuntu16.04.2	all	Python 3 bindings
ii python3-cryptography exposing cryptographic recipes and primitives (Python 3)	1.2.3-1ubuntu0.1	amd64	Python library
ii python3-cups CUPS	1.9.73-0ubuntu2	amd64	Python3 bindings for
ii python3-cupshelpers CUPS	1.5.7+20160212-0ubuntu2	all	Python modules for printer configuration with
ii python3-dbus messaging system (Python 3 interface)	1.2.0-3	amd64	simple interprocess
ii python3-debian work with Debian-related data formats	0.1.27ubuntu2	all	Python 3 modules to
ii python3-defer asynchronous programming (Python 3)	1.0.6-2build1	all	Small framework for
ii python3-distupgrade	1:16.04.20	all	manage release upgrades
ii python3-feedparser Python 3	5.1.3-3build1	all	Universal Feed Parser for
ii python3-gdbm:amd64	3.5.1-1	amd64	GNU dbm database support for Python 3.x
ii python3-gi gobject-introspection libraries	3.20.0-0ubuntu1	amd64	Python 3 bindings for
ii python3-gi-cairo bindings for the GObject library	3.20.0-0ubuntu1	amd64	Python 3 Cairo
ii python3-guacamole command line applications (Python 3)	0.9.2-1	all	framework for creating
ii python3-html5lib based on the WHATWG HTML5 specification (Python 3)	0.999-4	all	HTML parser/tokenizer
ii python3-httplib2 HTTP client library written for Python3	0.9.1+dfsg-1	all	comprehensive
ii python3-idna 5891) handling (Python 3)	2.0-3	all	Python IDNA2008 (RFC
ii python3-jinja2 stand-alone template engine	2.8-1	all	small but fast and easy to use
ii python3-jwt JSON Web Token	1.3.0-1	all	Python 3 implementation of
ii python3-louis	2.6.4-2	all	Python bindings for liblouis
ii python3-lxml libxml2 and libxslt libraries	3.5.0-1build1	amd64	pythonic binding for the
ii python3-mako all fast and lightweight templating for the Python 3 platform	1.0.3+ds1-1ubuntu1		
ii python3-markupsafe HTML/XHTML/XML string library for Python 3	0.23-2build2	amd64	
ii python3-minimal Python language (default python3 version)	3.5.1-3	amd64	minimal subset of the
ii python3-oauthlib	1.0.3-1	all	generic, spec-compliant

implementation of OAuth for Python3				
ii python3-padme class for Python 3	1.1.1-2		all	mostly transparent proxy
ii python3-pexpect automating interactive applications	4.0.1-1		all	Python 3 module for
ii python3-pil:amd64	3.1.2-0ubuntu1	amd64		Python Imaging Library (Python3)
ii python3-pkg-resources Resource Access using pkg_resources	20.7.0-1		all	Package Discovery and
ii python3-plainbox hardware testing (python3 module)	0.25-1		all	toolkit for software and
ii python3-problem-report handle problem reports	2.20.1-0ubuntu2.5		all	Python 3 library to
ii python3-ptyprocess pseudo terminal from Python 3	0.5-1		all	Run a subprocess in a
ii python3-pyasnl (Python 3 module)	0.1.9-1		all	ASN.1 library for Python
ii python3-pyatspi	2.18.0+dfsg-3		all	Assistive Technology Service Provider
Interface - Python3 bindings				
ii python3-pycurl libcurl (Python 3)	7.43.0-1ubuntu1		amd64	Python bindings to
ii python3-pyparsing module, Python3 package	2.0.3+dfsg1-1ubuntu0.1		all	Python parsing
ii python3-renderpm:amd64 render interface	3.3.0-1		amd64	python low level
ii python3-reportlab PDF documents using Python3	3.3.0-1		all	ReportLab library to create
ii python3-reportlab-accel:amd64 accelerator for the ReportLab Toolkit	3.3.0-1		amd64	C coded extension
ii python3-requests library for Python3, built for human beings	2.9.1-3		all	elegant and simple HTTP
ii python3-six library (Python 3 interface)	1.10.0-3		all	Python 2 and 3 compatibility
ii python3-software-properties that you install software from	0.96.20.5		all	manage the repositories
ii python3-speechd Speech Dispatcher	0.8.3-1ubuntu3		all	Python interface to
ii python3-systemd systemd	231-2build1		amd64	Python 3 bindings for
ii python3-uno Python-UNO bridge	1:5.1.4-0ubuntu1		amd64	
ii python3-update-manager update-manager	1:16.04.5		all	python 3.x module for
ii python3-urllib3 thread-safe connection pooling for Python3	1.13.1-2ubuntu0.16.04.1		all	HTTP library with
ii python3-xdg	0.25-4		all	Python 3 library to access

freedesktop.org standards			
ii python3-xkit	0.5.0ubuntu2	all	library for the manipulation
of xorg.conf files (Python 3)			
ii python3-xlsxwriter	0.7.3-1	all	Python 3 module for
creating Excel XLSX files			
ii python3.5	3.5.2-2ubuntu0~16.04.1		
amd64	Interactive high-level object-oriented language (version 3.5)		
ii python3.5-minimal	3.5.2-2ubuntu0~16.04.1	amd64	Minimal subset
of the Python language (version 3.5)			
ii qdbus	4:4.8.7+dfsg-5ubuntu2	amd64	Qt 4 D-Bus tool
ii qml-module-io-thp-pyotherside:amd64	1.4.0-2	amd64	asynchronous
Python 3 Bindings for Qt 5 (QML plugin)			
ii qml-module-qt-labs-folderlistmodel:amd64	5.5.1-2ubuntu6	amd64	Qt 5
folderlistmodel QML module			
ii qml-module-qt-labs-settings:amd64	5.5.1-2ubuntu6	amd64	Qt 5 settings
QML module			
ii qml-module-qtfeedback:amd64	5.0~git20130529-0ubuntu13	amd64	Qt 5
Feedback			
QML module			
ii qml-module-qtgraphicaleffects:amd64	5.5.1-1ubuntu1	amd64	Qt 5
Graphical Effects module			
ii qml-module-qtquick-layouts:amd64	5.5.1-1ubuntu1	amd64	Qt 5 Quick
Layouts QML module			
ii qml-module-qtquick-window2:amd64	5.5.1-2ubuntu6	amd64	Qt 5
window 2 QML module			
ii qml-module-qtquick2:amd64	5.5.1-2ubuntu6	amd64	Qt 5 Qt Quick
2 QML module			
ii qml-module-qttest:amd64	5.5.1-2ubuntu6	amd64	Qt 5 test QML
module			
ii qml-module-ubuntu-components:amd64	1.3.1918+16.04.20160404-0ubuntu1	amd64	
Qt Components for Ubuntu - Components QML plugin			
ii qml-module-ubuntu-layouts:amd64	1.3.1918+16.04.20160404-0ubuntu1	amd64	Qt Components for Ubuntu - Layouts QML plugin
ii qml-module-ubuntu-onlineaccounts:amd64	0.6+16.04.20151106-0ubuntu1	amd64	
Expose the Online Accounts API to QML applications			
ii qml-module-ubuntu-performancemetrics:amd64	1.3.1918+16.04.20160404-0ubuntu1	amd64	
Qt Components for Ubuntu - PerformanceMetrics QML plugin			
ii qml-module-ubuntu-test:amd64	1.3.1918+16.04.20160404-0ubuntu1	amd64	Qt
Components for Ubuntu - Test QML plugin			
ii qml-module-ubuntu-web:amd64	0.23+16.04.20161028-0ubuntu2	amd64	
Ubuntu web QML module			
ii qmlscene	5.5.1-2ubuntu6	amd64	Qt 5 QML scene viewer
ii qpdf	6.0.0-2		
amd64	tools for transforming and inspecting PDF files		
ii qt-at-spi:amd64	0.4.0-3	amd64	at-spi accessibility plugin
for Qt			
ii qt-at-spi:i386	0.4.0-3	i386	at-spi accessibility plugin for
Qt			

ii qtchooser	52-gae5eeef-2build1~gcc5.2	amd64	Wrapper to select between Qt development binary versions
ii qtcore4-110n translations	4:4.8.7+dfsg-5ubuntu2	all	Qt 4 core module translations
ii qtdeclarative5-accounts-plugin:amd64	0.6+16.04.20151106-0ubuntu1	amd64	transitional dummy package for Online Accounts QML clients
ii qtdeclarative5-dev-tools	5.5.1-2ubuntu6		
amd64 Qt 5 declarative development programs			
ii qtdeclarative5-qtquick2-plugin:amd64	5.5.1-2ubuntu6	amd64	transitional dummy package Qt 5 Qt Quick 2 QML module
ii qtdeclarative5-test-plugin:amd64	5.5.1-2ubuntu6	amd64	transitional dummy package for Qt 5 test QML module
ii qtdeclarative5-ubuntu-ui-toolkit-plugin	1.3.1918+16.04.20160404-0ubuntu1	amd64	Transitional dummy package for Ubuntu UI Toolkit QML plugin
ii qtdeclarative5-unity-action-plugin:amd64	1.1.0+14.04.20140304-0ubuntu2~gcc5.1	amd64	Unity Action QML Components
ii qttranslations5-110n	5.5.1-2build1	all	translations for Qt 5
ii rake	10.5.0-2		
all ruby make-like utility			
ii readline-common	6.3-8ubuntu2	all	GNU readline and history libraries, common files
ii remmina	1.1.2-3ubuntu1	amd64	remote desktop client for GNOME desktop environment
ii remmina-common	1.1.2-3ubuntu1	all	common files for remmina remote desktop client
ii remmina-plugin-rdp	1.1.2-3ubuntu1	amd64	RDP plugin for remmina remote desktop client
ii remmina-plugin-vnc	1.1.2-3ubuntu1	amd64	VNC plugin for remmina remote desktop client
ii rename	0.20-4		
all Perl extension for renaming multiple files			
ii resolvconf	1.78ubuntu2	all	name server information handler
ii rfkill	0.5-1ubuntu3	amd64	tool for enabling and disabling wireless devices
ii rhythmbox	3.3-1ubuntu7	amd64	music player and organizer for GNOME
ii rhythmbox-data	3.3-1ubuntu7	all	data files for rhythmbox
ii rhythmbox-plugin-zeitgeist	3.3-1ubuntu7	all	zeitgeist plugin for rhythmbox music player
ii rhythmbox-plugins	3.3-1ubuntu7	amd64	plugins for rhythmbox music player
ii rsync	3.1.1-3ubuntu1	amd64	fast, versatile, remote (and local) file-copying tool
ii rsyslog	8.16.0-1ubuntu3	amd64	reliable system and kernel logging daemon
ii rtkit	0.11-4	amd64	Realtime Policy and Watchdog Daemon

ii	ruby	1:2.3.0+1	all	Interpreter of object-oriented scripting language Ruby (default version)
ii	ruby-did-you-mean	1.0.0-2	all	smart error messages for Ruby > 2.3
ii	ruby-minitest	5.8.4-2		
all	Ruby test tools supporting TDD, BDD, mocking, and benchmarking			
ii	ruby-net-telnet	0.1.1-2	all	telnet client library
ii	ruby-power-assert	0.2.7-1	all	library showing values of variables and method calls in an expression
ii	ruby-test-unit	3.1.7-2	all	unit testing framework for Ruby
ii	ruby2.3	2.3.1-2~16.04	amd64	Interpreter of object-oriented scripting language Ruby
ii	rubygems-integration	1.10	all	integration of Debian Ruby packages with Rubygems
ii	s-nail	14.8.6-1		
	amd64	feature-rich BSD mail(1)		
ii	samba-libs:amd64	2:4.3.11+dfsg-0ubuntu0.16.04.3	amd64	Samba core libraries
ii	sane-utils	1.0.26-git20160712-xenial0	amd64	API library for scanners -- utilities
ii	sbsigntool	0.6-0ubuntu10.1	amd64	utility for signing and verifying files for UEFI Secure Boot
ii	seahorse	3.18.0-2ubuntu1	amd64	GNOME front end for GnuPG
ii	secureboot-db	1.1	amd64	Secure Boot updates for DB and DBX
ii	sed	4.2.2-7	amd64	The GNU sed stream editor
ii	sensible-utils	0.0.9	all	Utilities for sensible alternative selection
ii	session-migration	0.2.3	amd64	Tool to migrate in user session settings
ii	session-shortcuts	1.2	all	Allows you to shutdown, logout, and reboot from dash
ii	sessioninstaller	0.20+bzr150-0ubuntu4.1	all	APT based installer using PackageKit's session DBus API
ii	sgml-base	1.26+nmu4ubuntu1	all	SGML infrastructure and SGML catalog file support
ii	shared-mime-info	1.5-2ubuntu0.1	amd64	FreeDesktop.org shared MIME database and spec
ii	shim	0.8-0ubuntu2	amd64	boot loader to chain-load signed boot loaders under Secure Boot
ii	shim-signed	1.19~16.04.1+0.8-0ubuntu2	amd64	Secure Boot chain-loading bootloader (Microsoft-signed binary)
ii	shotwell	0.22.0+git20160108.r1.f2fb1f7-0ubuntu1	amd64	digital photo organizer
ii	shotwell-common	0.22.0+git20160108.r1.f2fb1f7-0ubuntu1	all	digital photo

organizer - common files				
ii signon-keyring-extension	0.6+14.10.20140513-0ubuntu2		amd64	GNOME
keyring extension for signond				
ii signon-plugin-oauth2	0.23+16.04.20151209-0ubuntu1		amd64	
Single Signon oauth2 plugin				
ii signon-plugin-password	8.58+16.04.20151106-0ubuntu1		amd64	Plain
Password plugin for Single Sign On				
ii signon-ui	0.17+16.04.20151125-0ubuntu1		all	Dummy transitional
package for signon-ui				
ii signon-ui-service	0.17+16.04.20151125-0ubuntu1		all	D-Bus service
file for signon-ui				
ii signon-ui-x11	0.17+16.04.20151125-0ubuntu1		amd64	Single Sign-on
UI				
ii signond	8.58+16.04.20151106-0ubuntu1		amd64	Single Sign On
framework				
ii simple-scan	3.20.0-0ubuntu1		amd64	Simple Scanning
Utility				
ii skype:i386				
4.3.0.37-1	i386	Wherever you are, wherever they are		
ii slack-desktop	2.4.2		amd64	Slack Desktop
ii smartmontools	6.4+svn4214-1		amd64	control and monitor
storage systems using S.M.A.R.T.				
ii snap-confine	2.20.1ubuntu1		amd64	Support executable to
apply confinement for snappy apps				
ii snapd	2.20.1ubuntu1		amd64	Tool to interact with
Ubuntu Core Snappy.				
ii snapd-login-service	1.2-0ubuntu1.1~xenial		amd64	Daemon to allow
non-root access to snapd				
ii sni-qt:amd64				
0.2.7+15.10.20150729-0ubuntu1	amd64	indicator support for Qt		
ii sni-qt:i386	0.2.7+15.10.20150729-0ubuntu1		i386	indicator support
for Qt				
ii software-properties-common	0.96.20.5		all	manage the
repositories that you install software from (common)				
ii software-properties-gtk	0.96.20.5		all	manage the repositories
that you install software from (gtk)				
ii sound-theme-freedesktop	0.8-1		all	freedesktop.org sound
theme				
ii speech-dispatcher	0.8.3-1ubuntu3		amd64	Common interface to
speech synthesizers				
ii speech-dispatcher-audio-plugins:amd64	0.8.3-1ubuntu3			
amd64		Speech Dispatcher: Audio output plugins		
ii sphinx-common	1.3.6-2ubuntu1		all	documentation
generator for Python projects - common data				
ii sphinx-doc	1.3.6-2ubuntu1		all	documentation generator
for Python projects - documentation				
ii sphinx-rtd-theme-common	0.1.9-1		all	sphinx theme from
readthedocs.org (common files)				

ii squashfs-tools append to squashfs filesystems	1:4.3-3ubuntu2	amd64	Tool to create and
ii ssl-cert OpenSSL	1.0.37	all	simple debconf wrapper for
ii steam-launcher 1.0.0.54	all		Launcher for the Steam software distribution service
ii strace	4.11-1ubuntu3	amd64	System call tracer
ii sudo user privileges to specific users	1.8.16-0ubuntu1.2	amd64	Provide limited super
ii suru-icon-theme Icon theme	14.04+16.04.20161024-0ubuntu1	all	Ubuntu Suru
ii swig interfaces to C/C++ code	3.0.8-0ubuntu3	amd64	Generate scripting
ii swig3.0 interfaces to C/C++ code	3.0.8-0ubuntu3	amd64	Generate scripting
ii syslinux amd64	3:6.03+dfsg-11ubuntu1		collection of bootloaders (DOS FAT and NTFS bootloader)
ii syslinux-common bootloaders (common)	3:6.03+dfsg-11ubuntu1	all	collection of
ii syslinux-legacy Linux/i386 using MS-DOS floppies	2:3.63+dfsg-2ubuntu8	amd64	Bootloader for
ii sysstat for Linux	11.2.0-1ubuntu0.1	amd64	system performance tools
ii system-config-printer-common configuration GUI	1.5.7+20160212-0ubuntu2	all	Printer
ii system-config-printer-gnome configuration GUI	1.5.7+20160212-0ubuntu2	all	Printer
ii system-config-printer-udev Printer auto-configuration facility based on udev	1.5.7+20160212-0ubuntu2	amd64	
ii systemd manager	229-4ubuntu16	amd64	system and service
ii systemd-sysv manager - SysV links	229-4ubuntu16	amd64	system and service
ii sysv-rc change mechanism	2.88dsf-59.3ubuntu2	all	System-V-like runlevel
ii sysvinit-utils	2.88dsf-59.3ubuntu2	amd64	System-V-like utilities
ii t1utils font manipulation programs	1.39-2	amd64	Collection of simple Type 1
ii tar the tar archiving utility	1.28-2.1ubuntu0.1	amd64	GNU version of
ii tcl (default version) - shell	8.6.0+9	amd64	Tool Command Language
ii tcl8.6 Language) v8.6 - shell	8.6.5+dfsg-2	amd64	Tcl (the Tool Command
ii tcpd wrapper utilities	7.6.q-25	amd64	Wietse Venema's TCP
ii tcpdump traffic analyzer	4.7.4-1ubuntu1	amd64	command-line network

ii teamviewer:i386 Control Application)	11.0.57095		i386	TeamViewer (Remote
ii telnet	0.17-40		amd64	basic telnet client
ii tex-common	6.04	all		common infrastructure for building and installing TeX
ii tex-gyre OpenType fonts based on URW Fonts	20150923-1		all	scalable PostScript and
ii texlive selection of the TeX Live packages	2015.20160320-1		all	TeX Live: A decent
ii texlive-base programs and files	2015.20160320-1		all	TeX Live: Essential
ii texlive-binaries Live	2015.20160222.37495-1		amd64	Binaries for TeX
ii texlive-extra-utils programs	2015.20160320-1		all	TeX Live: TeX auxiliary
ii texlive-font-utils	2015.20160320-1	all		TeX Live: Graphics and font utilities
ii texlive-fonts-recommended Recommended fonts	2015.20160320-1		all	TeX Live:
ii texlive-fonts-recommended-doc Documentation files for texlive-fonts-recommended	2015.20160320-1		all	TeX Live:
ii texlive-generic-recommended Generic recommended packages	2015.20160320-1		all	TeX Live:
ii texlive-lang-english English	2015.20160223-1		all	TeX Live: US and UK
ii texlive-lang-italian	2015.20160223-1		all	TeX Live: Italian
ii texlive-latex-base	2015.20160320-1	all		TeX Live: LaTeX fundamental packages
ii texlive-latex-base-doc Documentation files for texlive-latex-base	2015.20160320-1		all	TeX Live:
ii texlive-latex-extra additional packages	2015.20160320-1		all	TeX Live: LaTeX
ii texlive-latex-extra-doc Documentation files for texlive-latex-extra	2015.20160320-1		all	TeX Live:
ii texlive-latex-recommended recommended packages	2015.20160320-1		all	TeX Live: LaTeX
ii texlive-latex-recommended-doc Documentation files for texlive-latex-recommended	2015.20160320-1		all	TeX Live:
ii texlive-pictures	2015.20160320-1	all		TeX Live: Graphics, pictures, diagrams
ii texlive-pictures-doc Documentation files for texlive-pictures	2015.20160320-1		all	TeX Live:
ii texlive-pstricks	2015.20160320-1		all	TeX Live: PSTricks
ii texlive-pstricks-doc Documentation files for texlive-pstricks	2015.20160320-1		all	TeX Live:
ii texlive-science computer sciences	2015.20160320-1		all	TeX Live: Natural and

ii texlive-science-doc	2015.20160320-1	all	TeX Live: Documentation files for texlive-science
ii texmaker	4.4.1-1.1	amd64	cross-platform LaTeX editor
ii texmaker-data	4.4.1-1.1	all	Texmaker LaTeX editor -- arch-independent files
ii thermald	1.5-2ubuntu2	amd64	Thermal monitoring and controlling daemon
ii thunderbird	1:45.7.0+build1-0ubuntu0.16.04.1	amd64	Email, RSS and newsgroup client with integrated spam filter
ii thunderbird-gnome-support	1:45.7.0+build1-0ubuntu0.16.04.1	amd64	Email, RSS and newsgroup client - GNOME support
ii thunderbird-locale-en	1:45.7.0+build1-0ubuntu0.16.04.1	amd64	English language pack for Thunderbird
ii thunderbird-locale-en-gb	1:45.7.0+build1-0ubuntu0.16.04.1	all	Transitional English language pack for Thunderbird
ii thunderbird-locale-en-us	1:45.7.0+build1-0ubuntu0.16.04.1	all	Transitional English language pack for Thunderbird
ii thunderbird-locale-it	1:45.7.0+build1-0ubuntu0.16.04.1	amd64	Italian language pack for Thunderbird
ii time	1.7-25.1	amd64	GNU time program for measuring CPU resource usage
ii tipa	2:1.3-20	all	system for processing phonetic symbols in LaTeX
ii tk	8.6.0+9	amd64	Toolkit for Tcl and X11 (default version) - windowing shell
ii tk8.6	8.6.5-1	amd64	Tk toolkit for Tcl and X11 v8.6 - windowing shell
ii tk8.6-blts2.5	2.5.3+dfsg-3	amd64	graphics extension library for Tcl/Tk - library
ii tlp	0.8-1	all	Save battery power on laptops
ii tlp-rdw	0.8-1	all	Radio device wizard
ii toshset	1.76-4	amd64	Access much of the Toshiba laptop hardware interface
ii totem	3.18.1-1ubuntu4	amd64	Simple media player for the GNOME desktop based on GStreamer
ii totem-common	3.18.1-1ubuntu4	all	Data files for the Totem media player
ii totem-plugins	3.18.1-1ubuntu4	amd64	Plugins for the Totem media player
ii traceroute	1:2.0.21-1	amd64	Traces the route taken by packets over an IPv4/IPv6 network
ii transmission-common	2.84-3ubuntu3	all	lightweight BitTorrent client (common files)
ii transmission-gtk	2.84-3ubuntu3	amd64	lightweight BitTorrent client (GTK+ interface)
ii tree	1.7.0-3	amd64	displays an indented directory

tree, in color				
ii ttf-ancient-fonts-symbola	2.59-1	all		symbolic font providing emoji characters from Unicode 7.0 (transitional package)
ii ttf-bitstream-vera	1.10-8	all		The Bitstream Vera family of free TrueType fonts
ii ttf-ubuntu-font-family	1:0.83-0ubuntu2	all		Ubuntu Font Family, sans-serif typeface hinted for clarity
ii tzdata	2016j-0ubuntu0.16.04	all		time zone and daylight-saving time data
ii ubuntu-artwork	1:14.04+16.04.20161024-0ubuntu1	all		Ubuntu themes and artwork
ii ubuntu-core-launcher	2.20.1ubuntu1	amd64		Launcher for ubuntu-core (snappy) apps
ii ubuntu-desktop	1.361	amd64		The Ubuntu desktop system
ii ubuntu-docs	16.04.4	all		Ubuntu Desktop Guide
ii ubuntu-drivers-common	1:0.4.17.2	amd64		Detect and install additional Ubuntu driver packages
ii ubuntu-keyring	2012.05.19	all		GnuPG keys of the Ubuntu archive
ii ubuntu-minimal	1.361	amd64		Minimal core of Ubuntu
ii ubuntu-mobile-icons	14.04+16.04.20161024-0ubuntu1	all		Ubuntu Mobile Icon theme
ii ubuntu-mono	14.04+16.04.20161024-0ubuntu1	all		Ubuntu Mono Icon theme
ii ubuntu-release-upgrader-core	1:16.04.20	all		manage release upgrades
ii ubuntu-release-upgrader-gtk	1:16.04.20	all		manage release upgrades
ii ubuntu-restricted-addons	23	amd64		Commonly used restricted packages for Ubuntu
ii ubuntu-session	3.18.1.2-1ubuntu1.16.04.2	all		Ubuntu session
ii ubuntu-settings	15.10.8	all		default settings for the Ubuntu desktop
ii ubuntu-software	3.20.1+git20161013.0.d77d6cf-0ubuntu2~xenial1	amd64		Utility for browsing, installing, and removing software
ii ubuntu-sounds	0.13	all		Ubuntu's GNOME audio theme
ii ubuntu-standard	1.361	amd64		The Ubuntu standard system
ii ubuntu-system-service	0.3	all		DBus service to set various system-wide configurations
ii ubuntu-touch-sounds	15.08	all		sounds for the Ubuntu Touch image
ii ubuntu-ui-toolkit-theme	1.3.1918+16.04.20160404-0ubuntu1	amd64		Qt

Components for Ubuntu - Ubuntu Theme

ii ubuntu-wallpapers	16.04.1-0ubuntu1	all	Ubuntu Wallpapers
ii ubuntu-wallpapers-xenial	16.04.1-0ubuntu1	all	Ubuntu 16.04 Wallpapers
ii ucf	3.0036	all	Update Configuration File(s): preserve user changes to config files
ii udev	229-4ubuntu16	amd64	/dev/ and hotplug management daemon
ii udisks2	2.1.7-1ubuntu1	amd64	D-Bus service to access and manipulate storage devices
ii ufw	0.35-0ubuntu2	all	program for managing a Netfilter firewall
ii unattended-upgrades	0.90ubuntu0.3	all	automatic installation of security upgrades
ii unity	7.4.0+16.04.20160906-0ubuntu1	amd64	Interface designed for efficiency of space and interaction.
ii unity-accessibility-profiles	0.1.10-0ubuntu3	all	Accessibility Profile Manager - Unity profile data
ii unity-asset-pool	0.8.24+15.04.20141217-0ubuntu2	all	Unity Assets Pool
ii unity-control-center	15.04.0+16.04.20160705-0ubuntu1	amd64	utilities to configure the GNOME desktop
ii unity-control-center-faces	15.04.0+16.04.20160705-0ubuntu1	all	utilities to configure the GNOME desktop - faces images
ii unity-control-center-signon	0.1.8+16.04.20160201-0ubuntu1	amd64	Unity Control Center extension for single signon
ii unity-greeter	16.04.2-0ubuntu1	amd64	Unity Greeter
ii unity-gtk-module-common	0.0.0+15.04.20150118-0ubuntu2	all	Common files for GtkMenuShell D-Bus exporter
ii unity-gtk2-module:amd64	0.0.0+15.04.20150118-0ubuntu2	amd64	GtkMenuShell D-Bus exporter
ii unity-gtk3-module:amd64	0.0.0+15.04.20150118-0ubuntu2	amd64	GtkMenuShell D-Bus exporter
ii unity-lens-applications	7.1.0+16.04.20160701-0ubuntu1	amd64	Application lens for unity
ii unity-lens-files	7.1.0+16.04.20151217-0ubuntu1	amd64	File lens for unity
ii unity-lens-music	6.9.1+16.04-0ubuntu1	amd64	Music lens for unity
ii unity-lens-photos	1.0+14.04.20140318-0ubuntu1	all	Photos lens for Unity
ii unity-lens-video	0.3.15+16.04.20160212.1-0ubuntu1	amd64	Unity Video lens
ii unity-schemas	7.4.0+16.04.20160906-0ubuntu1	all	Interface designed for efficiency of space and interaction.
ii unity-scope-calculator	0.1+14.04.20140328-0ubuntu1	all	Calculator

scope for Unity				
ii unity-scope-chromiumbookmarks	0.1+13.10.20130723-0ubuntu1		all	
Chromium bookmarks scope for Unity				
ii unity-scope-colourlovers	0.1+13.10.20130723-0ubuntu1		all	
COLOURlovers scope for Unity				
ii unity-scope-devhelp	0.1+14.04.20140328-0ubuntu1	all		devhelp scope for Unity
ii unity-scope-firefoxbookmarks	0.1+13.10.20130809.1-0ubuntu1		all	Firefox
bookmarks scope for Unity				
ii unity-scope-gdrive	0.9+16.04.20151125-0ubuntu1		all	Google Drive
scope for Unity				
ii unity-scope-home	6.8.2+16.04.20160212.1-0ubuntu1		amd64	Home scope
that aggregates results from multiple scopes				
ii unity-scope-manpages	3.0+14.04.20140324-0ubuntu1		all	Manual pages
scope for Unity				
ii unity-scope-openclipart	0.1+13.10.20130723-0ubuntu1		all	OpenClipArt
scope for Unity				
ii unity-scope-texdoc	0.1+14.04.20140328-0ubuntu1			
all Texdoc scope for Unity				
ii unity-scope-tomboy	0.1+13.10.20130723-0ubuntu1		all	Tomboy scope
for Unity				
ii unity-scope-video-remote	0.3.15+16.04.20160212.1-0ubuntu1		amd64	Remote
videos engine				
ii unity-scope-virtualbox	0.1+13.10.20130723-0ubuntu1		all	VirtualBox
scope for Unity				
ii unity-scope-yelp	0.1+13.10.20130723-0ubuntu1		all	Help scope for
Unity				
ii unity-scope-zotero	0.1+13.10.20130723-0ubuntu1		all	Zotero scope for
Unity				
ii unity-scopes-master-default	6.8.2+16.04.20160212.1-0ubuntu1		all	Home scope
that aggregates results from multiple scopes				
ii unity-scopes-runner	7.1.4+16.04.20160701-0ubuntu1	all		desktop runner for misceallenous scopes
ii unity-services	7.4.0+16.04.20160906-0ubuntu1		amd64	Services for the
Unity interface				
ii unity-settings-daemon	15.04.1+16.04.20160701-0ubuntu1		amd64	daemon
handling the Unity session settings				
ii unity-webapps-common	2.4.17+15.10.20150616-0ubuntu2		all	Unity
WebApp integration scripts				
ii unity-webapps-qml	0.1+16.04.20160114-0ubuntu1		amd64	Unity
Webapps QML component				
ii unity-webapps-service	2.5.0~+16.04.20160201-0ubuntu1		amd64	Service for
Web Apps integration with the Unity desktop				
ii uno-libs3	5.1.4-0ubuntu1			
amd64 LibreOffice UNO runtime environment -- public shared libraries				
ii unzip	6.0-20ubuntu1		amd64	De-archiver for .zip files
ii update-inetd	4.43		all	inetd configuration file updater
ii update-manager	1:16.04.5		all	GNOME application that

manages apt updates			
ii update-manager-core	1:16.04.5	all	manage release upgrades
ii update-notifier	3.168.3	amd64	Daemon which notifies about package updates
ii update-notifier-common	3.168.3		
all	Files shared between update-notifier and other packages		
ii upower	0.99.4-2ubuntu0.3	amd64	abstraction for power management
ii upstart	1.13.2-0ubuntu21.1	amd64	event-based init daemon - essential binaries
ii ure	5.1.4-0ubuntu1	amd64	LibreOffice UNO runtime environment
ii ureadahead	0.100.0-19	amd64	Read required files in advance
ii usb-creator-common	0.3.2	amd64	create a startup disk using a CD or disc image (common files)
ii usb-creator-gtk	0.3.2		
amd64	create a startup disk using a CD or disc image (for GNOME)		
ii usb-modeswitch	2.2.5+repack0-1ubuntu1	amd64	mode switching tool for controlling "flip flop" USB devices
ii usb-modeswitch-data	20151101-1	all	mode switching data for usb-modeswitch
ii usbmuxd	1.1.0-2	amd64	USB multiplexor daemon for iPhone and iPod Touch devices
ii usbutils	1:007-4	amd64	Linux USB utilities
ii util-linux	2.27.1-6ubuntu3.2	amd64	miscellaneous system utilities
ii uuid-runtime	2.27.1-6ubuntu3.2		
amd64	runtime components for the Universally Unique ID library		
ii va-driver-all:amd64	1.7.0-1	amd64	Video Acceleration (VA) API -- driver metapackage
ii vbetool	1.1-3	amd64	run real-mode video BIOS code to alter hardware state
ii vdpau-driver-all:amd64	1.1.1-3ubuntu1	amd64	Video Decode and Presentation API for Unix (driver metapackage)
ii vdpau-va-driver:amd64	0.7.4-5	amd64	VDPAAU-based backend for VA API
ii vim	2:7.4.1689-3ubuntu1.2	amd64	Vi IMproved - enhanced vi editor
ii vim-common	2:7.4.1689-3ubuntu1.2		
amd64	Vi IMproved - Common files		
ii vim-runtime	2:7.4.1689-3ubuntu1.2	all	Vi IMproved - Runtime files
ii vim-tiny	2:7.4.1689-3ubuntu1.2	amd64	Vi IMproved - enhanced vi editor - compact version
ii vino	3.8.1-0ubuntu9.1	amd64	VNC server for GNOME
ii virtualbox-5.1	5.1.14-112924~Ubuntu~xenial	amd64	Oracle VM VirtualBox

ii wamerican words for /usr/share/dict	7.1-1	all	American English dictionary
ii wbritish English dictionary words for /usr/share/dict	7.1-1	all	British
ii webapp-container applications container	0.23+16.04.20161028-0ubuntu2	amd64	Ubuntu web
ii webbrowser-app browser	0.23+16.04.20161028-0ubuntu2	amd64	Ubuntu web
ii wget web	1.17.1-1ubuntu1.1	amd64	retrieves files from the
ii whiptail dialog boxes from shell scripts	0.52.18-1ubuntu2	amd64	Displays user-friendly
ii whois	5.2.11	amd64	intelligent WHOIS client
ii whoopsie submission	0.2.52.2	amd64	Ubuntu error tracker
ii whoopsie-preferences	0.18	amd64	System preferences for error reporting
ii wireless-regdb database	2015.07.20-1ubuntu1	all	wireless regulatory
ii wireless-tools manipulating Linux Wireless Extensions	30~pre9-8ubuntu1	amd64	Tools for
ii witalian /usr/share/dict/	1.7.6	all	Italian dictionary words for
ii wpasupplicant and WPA2 (IEEE 802.11i)	2.4-0ubuntu6	amd64	client support for WPA
ii wxcrafter codelite	2.7-1.xenial	amd64	gui generator plugin for
ii x11-apps	7.7+5+nmu1ubuntu1	amd64	X applications
ii x11-common (X.Org) infrastructure	1:7.7+13ubuntu3	all	X Window System
ii x11-session-utils	7.7+2	amd64	X session utilities
ii x11-utils	7.7+3	amd64	X11 utilities
ii x11-xkb-utils	7.7+2	amd64	X11 XKB utilities
ii x11-xserver-utils	7.7+7	amd64	X server utilities
ii x11proto-composite-dev extension wire protocol	1:0.4.2-2	all	X11 Composite
ii x11proto-core-dev	7.0.28-2ubuntu1	all	X11 core wire protocol and auxiliary headers
ii x11proto-damage-dev wire protocol	1:1.2.1-2	all	X11 Damage extension
ii x11proto-dri2-dev protocol	2.8-2	all	X11 DRI2 extension wire
ii x11proto-fixes-dev wire protocol	1:5.0-2ubuntu2	all	X11 Fixes extension
ii x11proto-gl-dev protocol	1.4.17-1	all	X11 OpenGL extension wire
ii x11proto-input-dev	2.3.1-1	all	X11 Input extension wire

protocol					
ii x11proto-kb-dev					
1.0.7-0ubuntu1	all	X11 XKB extension wire protocol			
ii x11proto-randr-dev		1.5.0-1	all	X11 RandR extension wire	
protocol					
ii x11proto-render-dev		2:0.11.1-2	all	X11 Render extension	
wire protocol					
ii x11proto-xext-dev		7.3.0-1	all	X11 various extension wire	
protocol					
ii x11proto-xf86vidmode-dev		2.3.1-2	all	X11 Video Mode	
extension wire protocol					
ii x11proto-xinerama-dev		1.2.1-2	all	X11 Xinerama extension	
wire protocol					
ii xauth		1:1.0.9-1ubuntu2	amd64		
X authentication utility					
ii xbitmaps		1.1.1-2	all	Base X bitmaps	
ii xbrlapi		5.3.1-2ubuntu2.1	amd64	Access software for a	
blind person using a braille display - xbrlapi					
ii xcursor-themes		1.0.4-1	all	Base X cursor themes	
ii xdg-user-dirs		0.15-2ubuntu6	amd64	tool to manage well	
known user directories					
ii xdg-user-dirs-gtk		0.10-1ubuntu1	amd64	tool to manage well	
known user directories (Gtk extension)					
ii xdg-utils		1.1.1-1ubuntu1.16.04.1	all	desktop integration	
utilities from freedesktop.org					
ii xdiagnose		3.8.4.1	all	X.org diagnosis tool	
ii xfonts-base		1:1.0.4+nmu1	all	standard fonts for X	
ii xfonts-encodings		1:1.0.4-2	all	Encodings for X.Org fonts	
ii xfonts-scalable		1:1.0.3-1.1	all	scalable fonts for X	
ii xfonts-utils		1:7.7+3	amd64	X Window System font	
utility programs					
ii xinit		1.3.4-3ubuntu0.1	amd64	X server initialisation tool	
ii xinput		1.6.2-1			
	amd64	Runtime configuration and test of XInput devices			
ii xkb-data		2.16-1ubuntu1	all	X Keyboard Extension	
(XKB) configuration data					
ii xml-core		0.13+nmu2	all	XML infrastructure and	
XML catalog file support					
ii xorg		1:7.7+13ubuntu3	amd64	X.Org X Window System	
ii xorg-docs-core		1:1.7.1-1ubuntu1	all	Core documentation for	
the X.org X Window System					
ii xorg-sgml-doctools		1:1.11-1	all	Common tools for building	
X.Org SGML documentation					
ii xserver-common		2:1.18.4-0ubuntu0.2			
	all	common files used by various X servers			
ii xserver-xorg		1:7.7+13ubuntu3	amd64	X.Org X server	
ii xserver-xorg-core		2:1.18.4-0ubuntu0.2	amd64	Xorg X server -	
core server					

ii xserver-xorg-input-all input driver metapackage	1:7.7+13ubuntu3	amd64	X.Org X server --
ii xserver-xorg-input-evdev evdev input driver	1:2.10.1-1ubuntu2	amd64	X.Org X server --
ii xserver-xorg-input-synaptics TouchPad driver for X.Org server	1.8.2-1ubuntu3	amd64	Synaptics
ii xserver-xorg-input-vmmouse X server -- VMMouse input driver to use with VMWare	1:13.1.0-1ubuntu2	amd64	X.Org
ii xserver-xorg-input-wacom -- Wacom input driver	1:0.32.0-0ubuntu3	amd64	X.Org X server
ii xserver-xorg-video-all output driver metapackage	1:7.7+13ubuntu3	amd64	X.Org X server --
ii xserver-xorg-video-amdgpu AMDGPU display driver	1.1.0-1	amd64	X.Org X server --
ii xserver-xorg-video-ati AMD/ATI display driver wrapper	1:7.7.0-1	amd64	X.Org X server --
ii xserver-xorg-video-fbdev fbdev display driver	1:0.4.4-1build5	amd64	X.Org X server --
ii xserver-xorg-video-intel X.Org X server -- Intel i8xx, i9xx display driver	2:2.99.917+git20160325-1ubuntu1.2	amd64	
ii xserver-xorg-video-nouveau - Nouveau display driver	1:1.0.12-1build2	amd64	X.Org X server -
ii xserver-xorg-video-qxl QXL display driver	0.1.4-3ubuntu3	amd64	X.Org X server --
ii xserver-xorg-video-radeon AMD/ATI Radeon display driver	1:7.7.0-1	amd64	X.Org X server --
ii xserver-xorg-video-vesa VESA display driver	1:2.3.4-1build2	amd64	X.Org X server --
ii xserver-xorg-video-vmware -- VMware display driver	1:13.1.0-2ubuntu3	amd64	X.Org X server
ii xterm emulator	322-1ubuntu1	amd64	X terminal
ii xtrans-dev (development files)	1.3.5-1	all	X transport library
ii xul-ext-ubufox Firefox	3.2-0ubuntu1	all	Ubuntu modifications for
ii xz-utils compression utilities	5.1.1alpha+20120614-2ubuntu2	amd64	XZ-format
ii yelp	3.18.1-1ubuntu4	amd64	Help browser for GNOME
ii yelp-xsl help browser	3.18.1-1	all	XSL stylesheets for the yelp
ii zeitgeist-core framework - engine	0.9.16-0ubuntu4	amd64	event logging
ii zeitgeist-datahub 0.9.16-0ubuntu4	amd64		event logging framework - passive logging daemon
ii zenity boxes from shell scripts	3.18.1.1-1ubuntu2	amd64	Display graphical dialog
ii zenity-common	3.18.1.1-1ubuntu2	all	Display graphical

dialog boxes from shell scripts (common files)

ii zip	3.0-11	amd64	Archiver for .zip files
ii zlib1g:amd64	1:1.2.8.dfsg-2ubuntu4	amd64	compression library
- runtime			
ii zlib1g:i386	1:1.2.8.dfsg-2ubuntu4	i386	compression library -
runtime			
ii zlib1g-dev:amd64			
1:1.2.8.dfsg-2ubuntu4	amd64		compression library - development

Found in path(s):

```
* /opt/cola/permits/2040574555_1717537232.8123631/0/295b9e165630428509cb78428a3228df-  
a33984527a42fe4c3a6bea86d6b9a4e91b9b88e7-zip/295b9e165630428509cb78428a3228df-  
a33984527a42fe4c3a6bea86d6b9a4e91b9b88e7/packages.list
```

1.352 gpgv 2.2.19-3ubuntu2.2

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```
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```

```
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#+STARTUP: showall
```

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.353 libgcc-s1 10.5.0-1ubuntu1~20.04

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

```
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License, or  
(at your option) any later version.
```

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```
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```

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands

`show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Version 2.1, February 1999

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Any

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Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language

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c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

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```

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```
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```

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1.356 libcom-err 1.45.5-2ubuntu1.1

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
```

```
all:: image
```

```
real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
```

BSDLIB_PIC_FLAG = -fpic

image: \$(BSD_LIB)

```
$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;'"/$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)
```

install-strip: install

install-shlibs-strip:: install-shlibs

```
uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::
$(RM)
-rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
```

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.

+ trivial database library - standalone version

- trivial database library - private includes

-

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Gadi Oxman, August 1995

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Theodore Ts'o

23-June-2007

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Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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1.357 logsave 1.45.5-2ubuntu1.1

1.357.1 Available under license :

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
```

```
all:: image
```

```
real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic
```


image: \$(BSD_LIB)

\$(BSD_LIB): \$(OBS)

(cd pic; ld -Bshareable -o \$(BSD_LIB) \$(LD_FLAGS_SHLIB) \$(OBS))

\$(MV) pic/\$(BSD_LIB) .

\$(RM) -f ../\$(BSD_LIB)

(cd ..; \$(LN) \$(LINK_BUILD_FLAGS) \

`echo \$(my_dir) | sed -e 's;lib/;;'/'\$(BSD_LIB) \$(BSD_LIB))

install-shlibs install:: \$(BSD_LIB)

@echo " INSTALL_PROGRAM \$(BSDLIB_INSTALL_DIR)/\$(BSD_LIB)"

@\$(INSTALL_PROGRAM) \$(BSD_LIB) \

\$(DESTDIR)\$BSDLIB_INSTALL_DIR/\$(BSD_LIB)

@\$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::

\$(RM) -f \$(DESTDIR)\$BSDLIB_INSTALL_DIR/\$(BSD_LIB)

clean::

\$(RM)

-rf pic

\$(RM) -f \$(BSD_LIB)

\$(RM) -f ../\$(BSD_LIB)

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes

-

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
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```

```
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```

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```
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Gnomovision comes with ABSOLUTELY NO WARRANTY;  
for details type `show w'.
```

```
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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<signature of Ty Coon>, 1 April 1989
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before you ship. The release schedules for this package are flexible, if you give me enough lead time.

Theodore Ts'o
23-June-2007

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Version 2, June 1991

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```

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative

work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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This is the Debian GNU/Linux prepackaged version of the `ss` command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu/pub/linux/packages/ext2fs/

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1.358 libmount 2.34-0.1ubuntu9.6

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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```
WEV @@ WEV[B "1
```

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```
x ?"U@,5 @mISmIN<GimCN7g1u|E
43mI,5WEV @@ WEV @mImImIAmImImI0mImImI*mImI
A0mImImI...
lost+found...
```

```
;9GimCN7g
```

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
```

```
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@
WEV[B "1
```

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```

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*/

This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, D, Fortran 95, Go, Objective-C, Objective-C++, and Modula-2 compilers, documentation, and support libraries. In addition, Debian provides the gm2 compiler, either in the same source package, or built from a separate same source package.

Packaging is done by the Debian GCC Maintainers

<debian-gcc@lists.debian.org>, with sources obtained from:

ftp://gcc.gnu.org/pub/gcc/releases/ (for full releases)

svn://gcc.gnu.org/svn/gcc/ (for prereleases)

ftp://sourceware.org/pub/newlib/ (for newlib)

[git://git.savannah.gnu.org/gm2.git](https://git.savannah.gnu.org/gm2.git) (for Modula-2)

The current gcc-10 source package is taken from the SVN gcc-10-branch.

Changes: See [changelog.Debian.gz](https://changelog.debian.org)

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

Language	Compiler package	Library package	Documentation
Ada	gnat-10	libgnat-10	gnat-10-doc
BRIG	gccbrig-10	libhsail-rt0	
C	gcc-10		gcc-10-doc
C++	g++-10	libstdc++6	libstdc++6-10-doc
D	gdc-10		
Fortran 95	gfortran-10	libgfortran5	gfortran-10-doc
Go	gccgo-10	libgo0	
Objective C	gobjc-10	libobjc4	
Objective C++	gobjc++-10		
Modula-2	gm2-10	libgm2	

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

Language	Sources	Development	Debugging	Position-Independent
C++		libstdc++6-10-dev	libstdc++6-10-dbgsym	libstdc++6-10-pic
D	libphobos-10-dev			

Additional packages include:

All languages:

libgcc1,	
libgcc2, libgcc4	GCC intrinsics (platform-dependent)
gcc-10-base	Base files common to all compilers
gcc-10-soft-float	Software floating point (ARM only)
gcc-10-source	The sources with patches

Ada:

libgnat-util10-dev, libgnat-util10 GNAT version library

C:

cpp-10, cpp-10-doc	GNU C Preprocessor
libssp0-dev, libssp0	GCC stack smashing protection library
libquadmath0	Math routines for the __float128 type

fixincludes Fix non-ANSI header files

C, C++ and Fortran 95:

libgomp1-dev, libgomp1 GCC OpenMP (GOMP) support library

libitm1-dev, libitm1 GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can

also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all libraries support biarch.) The license terms for these lib32 or lib64 packages are identical to the ones for the lib packages.

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- libatomic
- libdecnumber
- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-10 Ada support library and libgnat-util10 library.
- Various config files in gcc/config/ used in runtime libraries.
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Developed by:

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libquadmath/math:

atanq.c, expm1q.c, j0q.c, j1q.c, log1pq.c, logq.c:

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coshq.c, erfq.c, jnq.c, lgammaq.c, powq.c, roundq.c:

Changes for 128-bit __float128 are

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ldexpq.c:

- * Conversion to long double by Ulrich Drepper,
- * Cygnus Support, drepper@cygnus.com.

cosq_kernel.c, expq.c, sincos_table.c, sincosq.c, sincosq_kernel.c, sinq_kernel.c, truncq.c:

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D:
gdc-10 GNU D Compiler
libphobos-10-dev D standard runtime library

The D source package is made up of the following components.

The D front-end for GCC:
- d/*

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The DMD Compiler implementation of the D programming language:
- d/dmd/*

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The Zlib data compression library:
- d/phobos/etc/c/zlib/*

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The Phobos standard runtime library:

- d/phobos/*

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gcc/m2/mc-boot/:

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gcc/m2/gm2-libs-ch:

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- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the

Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

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```
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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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Most GNU software, including some libraries, is covered by the

ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a

library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any

executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a.

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b. Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of

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- c. If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d. Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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1.361 libncurses 6.2-0ubuntu2.1

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1.362 libpamg 1.3.1-5ubuntu4.7

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1.363 libudev 245.4-4ubuntu3.23

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Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

<https://tukaani.org/xz/lists.html>

Source:

<https://tukaani.org/xz>

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Comment:

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To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

[...]

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Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,

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Origin: configure.ac from XZ Utils,

visibility.m4 serial 1 (gettext-0.15),

Autoconf 2.52g

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1.365 libsystemd 245.4-4ubuntu3.23

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1.368 libext2fs2 1.45.5-2ubuntu1.1

1.368.1 Available under license :

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
```

```
all:: image
```

```
real-subdirs:: Makefile
@echo " MKDIR pic"
@mkdir -p pic
```

```
BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic
```

```
image: $(BSD_LIB)
```

```
$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LD_FLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \
`echo $(my_dir) | sed -e 's;lib/;;'/'$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install: $(BSD_LIB)
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$BSDLIB_INSTALL_DIR/$(BSD_LIB)
@-$(LDCONFIG)
```

install-strip: install

install-shlibs-strip: install-shlibs

```
uninstall-shlibs uninstall:
$(RM) -f $(DESTDIR)$BSDLIB_INSTALL_DIR/$(BSD_LIB)
```

```
clean:
$(RM)
-rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
```

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Index: tdbsa/tdb.c

=====

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes
-
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Gadi Oxman, August 1995

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```

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Theodore Ts'o
23-June-2007

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This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

From the original distribution:

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This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file

system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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1.369 perl-base 5.30.0-9ubuntu0.5

1.369.1 Available under license :

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_scannl.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:41:27 ram

?RCS: patch61: added ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.1 1995/07/25 13:59:12 ram

?RCS: patch56: made cc and cflags optional dependencies

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:00 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: Does the scanf routine read "\n" correctly ? This is was not

?X: the case on AIX...

?X:

?MAKE:d_scannl: cat +cc +ccflags rm Setvar

?MAKE: -pick add \$@ %<

?S:d_scannl:

?S: This

variable conditionally defines SCAN_NL, which indicates

?S: wether the C library routines scanf() and friends can deal with

?S: a '\n' in the input correctly. They do most of the time.

?S:.

?C:SCAN_NL:

?C: This symbol is defined if the C library routines scanf() and friends

?C: can deal with a '\n' in the input correctly, so that you can say

?C: scanf("%d\n"); instead of scanf("%d"); getc(c); to handle the '\n'.

?C:.

?H:#\$d_scannl SCAN_NL /* scanf("%d\n") works */

?H:.

?F:!try

?LINT:set d_scannl

: does scanf handle "\n" correctly ?

echo " "

val="\$define"

?X: I really want to say "\n" instead of '\n', because I am referring

?X: to the string given as argument to scanf().

echo 'Let''''s see if scanf() handles "\\n" correctly...' >&4

\$cat >try.c <<'EOCP'

```
int main()
{
int i = 0, j = 0;
scanf("%d\n%d", &i, &j);
if (j != 3)
exit(1);
exit(0);
}
EOCP
```

if \$cc \$ccflags -o try try.c >/dev/null 2>&1; then

if ./try <<'EOD'

2

3

EOD

then

echo "Yes, it does."

else

echo "No, it doesn't."

```
val="$undef"  
fi  
else  
echo  
"(I can't seem to compile the test program. Assuming it does.)"  
fi  
set d_scannl  
eval $setvar  
$rm -f try.* try
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_scannl.U
```

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?RCS:

?MAKE:d_inetpton: Inlibc

?MAKE: -pick add \$@ %<

?S:d_inetpton:

?S: This variable conditionally defines the HAS_INETPTON symbol,

?S: which indicates to the C program that the inet_pton() function

?S: is available.

?S:.

?C:HAS_INETPTON:

?C: This symbol, if defined, indicates that the inet_pton() function

?C: is available to parse IPv4 and IPv6 strings.

?C:.

?H:#\$d_inetpton HAS_INETPTON /**/

?H:.

?LINT:set d_inetpton

: see if inet_pton exists

set inet_pton d_inetpton

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_inetpton.U
```

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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_socketmarkproto: Hasproto d_socket
?MAKE: -pick add $@ %<
?S:d_socketmarkproto:
?S: This variable conditionally defines the HAS_SOCKETMARK_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the socketmark() function. Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_SOCKETMARK_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the socketmark() function. Otherwise, it is up
?C: to the program to supply one. A good
guess is
?C: extern int socketmark(int);
?C:.
?H:#$d_socketmarkproto HAS_SOCKETMARK_PROTO /**/
?H:.
?LINT:set d_socketmarkproto
: see if prototype for socketmark is available
echo " "
set d_socketmarkproto socketmark $d_socket sys/socket.h
eval $hasproto

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/d_socketmarkproto.U

```

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```

?RCS: $Id: d_getprotoprotos.U,v $
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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_getprotoprotos : Hasproto i_netdb
?MAKE: -pick add $@ %<
?S:d_getprotoprotos:

```

?S: This variable conditionally defines the HAS_GETPROTO_PROTOS symbol,
?S: which indicates to the C program that <netdb.h> supplies
?S: prototypes for the various getproto*() functions.
?S: See also netdbtype.U for probing for various netdb types.
?S:.

?C:HAS_GETPROTO_PROTOS:

?C: This symbol, if defined, indicates that <netdb.h> includes

?C: prototypes for getprotoent(), getprotobyname(), and

?C: getprotobyaddr().

Otherwise, it is up to the program to guess

?C: them. See netdbtype.U for probing for various Netdb_xxx_t types.

?C:.

?H:#\$d_getprotoprotos HAS_GETPROTO_PROTOS /**/

?H:.

?LINT:set d_getprotoprotos

: see if prototypes for various getprotoxxx netdb.h functions are available

echo " "

set d_getprotoprotos getprotoent \$i_netdb netdb.h

eval \$hasproto

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_getprotoprotos.U

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?RCS:

?RCS: \$Log: i_pwd.U,v \$

?RCS: Revision 3.0.1.2 1995/07/25 14:10:57 ram

?RCS: patch56: use setvar so hint file values can override our guesses (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:03:27 ram

?RCS: patch23: had forgotten cppminus in cppstdin test (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:25 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit checks whether there is a pwd system or not

?X:

?MAKE:i_pwd d_pwquota d_pwage d_pwchange d_pwclass d_pwexpire d_pwcomment:

\

contains rm cppstdin cppflags cppminus Inhdr Findhdr Setvar

?MAKE: -pick add \$@ %<

?S:i_pwd:

?S: This variable conditionally defines I_PWD, which indicates

?S: to the C program that it should include <pwd.h>.

?S:.

?S:d_pwquota:

?S: This variable conditionally defines PWQUOTA, which indicates

?S: that struct passwd contains pw_quota.

?S:.

?S:d_pwage:

?S: This variable conditionally defines PWAGE, which indicates

?S: that struct passwd contains pw_age.

?S:.

?S:d_pwchange:

?S: This variable conditionally defines PWCHANGE, which indicates

?S: that struct passwd contains pw_change.

?S:.

?S:d_pwclass:

?S: This variable conditionally defines PWCLASS, which indicates

?S: that struct passwd contains pw_class.

?S:.

?S:d_pwexpire:

?S: This variable conditionally defines PWEXPIRE, which indicates

?S: that struct passwd contains pw_expire.

?S:.

?S:d_pwcomment:

?S: This variable conditionally defines PWCOMMENT, which indicates

?S: that struct passwd contains pw_comment.

?S:.

?C:I_PWD:

?C: This symbol,

if defined, indicates to the C program that it should

?C: include <pwd.h>.

?C:.

?C:PWQUOTA:

?C: This symbol, if defined, indicates to the C program that struct passwd

?C: contains pw_quota.

?C:.

?C:PWAGE:

?C: This symbol, if defined, indicates to the C program that struct passwd

?C: contains pw_age.

?C:.

?C:PWCHANGE:

?C: This symbol, if defined, indicates to the C program that struct passwd

?C: contains pw_change.

```

?C:.
?C:PWCLASS:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_class.
?C:.
?C:PWEXPIRE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_expire.
?C:.
?C:PWCOMMENT:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_comment.
?C:.
?H:#$i_pwd I_PWD /**/
?H:#$d_pwquota PWQUOTA /**/
?H:#$d_pwage PWAGE /**/
?H:#$d_pwchange PWCHANGE /**/
?H:#$d_pwclass PWCLASS /**/
?H:#$d_pwexpire PWEXPIRE /**/
?H:#$d_pwcomment PWCOMMENT /**/
?H:.
?LINT: set i_pwd d_pwquota
d_pwage d_pwchange d_pwclass d_pwexpire d_pwcomment
?T:xxx
: see if this is a pwd.h system
set pwd.h i_pwd
eval $inhdr

case "$i_pwd" in
$define)
xxx=`./findhdr pwd.h`
$cppstdin $cppflags $cppminus < $xxx >$$.h

if $contains 'pw_quota' $$.h >/dev/null 2>&1; then
val="$define"
else
val="$undef"
fi
set d_pwquota
eval $setvar

if $contains 'pw_age' $$.h >/dev/null 2>&1; then
val="$define"
else
val="$undef"
fi
set d_pwage
eval $setvar

```



```
if $contains 'pw_change' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwchange
eval $setvar
```

```
if $contains 'pw_class' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwclass
eval $setvar
```

```
if $contains 'pw_expire' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwexpire
eval $setvar
```

```
if $contains 'pw_comment' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwcomment
eval $setvar
```

```
$rm -f $$h
;;
*)
val="$undef";
set
d_pwquota; eval $setvar
set d_pwage; eval $setvar
set d_pwchange; eval $setvar
set d_pwclass; eval $setvar
set d_pwexpire; eval $setvar
set d_pwcomment; eval $setvar
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_pwd.U
```

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```
?RCS: $Id: package.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: package.U,v $
?RCS: Revision 3.0.1.3 1994/10/29 16:27:21 ram
?RCS: patch36: beware of non-ascii character sets when translating case
?RCS:
?RCS: Revision 3.0.1.2 1993/11/10 17:37:02 ram
?RCS: patch14: skip definition of spackage if not otherwise used
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:11:10 ram
?RCS: patch10: added package, suitable for starting sentences
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:28 ram
?RCS: Baseline for dist 3.0
?RCS:   worldwide release.
?RCS:
?MAKE:package spackage: Nothing
?MAKE: -pick wipe $@ %<
?S:package:
?S: This variable contains the name of the package being constructed.
?S: It is primarily intended for the use of later Configure units.
?S:.
?S:spackage:
?S: This variable contains the name of the package being constructed,
?S: with the first letter uppercased, i.e. suitable for starting
?S: sentences.
?S:.
?X: dist-4 has defined PACKAGE: here, which clashes with perly.h
?X: as package is a reserved keyword in perl
?T:first last
: set package name
package='<PACKAGENAME>'
@if spackage
first=`echo $package | sed -e 's/^(.).*\1/'`
last=`echo $package | sed -e 's/^(.*)\1/'`
?X:
```

?X: So early in the Configure script, we don't have ./tr set up and can't
?X: include Tr in our dependency or that would create a cycle. Therefore,
?X: we have to somehow duplicate the work done in Tr. That's life.

?X:

```
case ``echo AbyZ | tr '[:lower:]' '[:upper:]' 2>/dev/null`"-``echo AbyZ | tr '[:upper:]' '[:lower:]'
2>/dev/null" in
ABYZ-abyz) spackage=`echo $first | tr '[:lower:]' '[:upper:]'`$last;;
*) spackage=`echo $first | tr '[a-z]' '[A-Z]'`$last;;
esac
@end
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/package.U

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?RCS:

?MAKE:i_quadmath: Inhdr

?MAKE: -pick add \$@ %<

?S:i_quadmath:

?S: This variable conditionally defines I_QUADMATH, which indicates

?S: to the C program that it should include <quadmath.h>.

?S:.

?C:I_QUADMATH:

?C: This symbol, if defined, indicates that <quadmath.h> exists and

?C: should be included.

?C:.

?H:#\$i_quadmath I_QUADMATH /**/

?H:.

?LINT:set i_quadmath

: see if this is a quadmath.h system

set quadmath.h i_quadmath

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_quadmath.U

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?RCS:

?MAKE:i_sysmount: Inhdr Hasfield
?MAKE: -pick add \$@ %<
?S:i_sysmount:
?S: This variable conditionally defines the I_SYSMOUNT symbol,
?S: and indicates whether a C program should include <sys/mount.h>.
?S:.
?C:I_SYS_MOUNT:
?C: This symbol, if defined, indicates that <sys/mount.h> exists and
?C: should be included.
?C:.
?H:#\$i_sysmount I_SYS_MOUNT /**/
?H:.
?LINT:set i_sysmount
: see if this is a sys/mount.h system
set sys/mount.h i_sysmount
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysmount.U

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?RCS: \$Id: d_msgget.U 1 2006-08-24 12:32:52Z rmanfredi \$
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?RCS:
?RCS: \$Log: d_msgget.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:39 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_msgget: Inlibc
?MAKE: -pick add \$@ %<
?S:d_msgget:
?S: This variable conditionally defines the HAS_MSGGET symbol, which
?S: indicates to the C program that the msgget() routine is available.
?S:.
?C:HAS_MSGGET:
?C: This symbol, if defined, indicates that the msgget() routine is
?C: available to get a new message queue.
?C:.
?H:#\$d_msgget

HAS_MSGGET /**/

?H:.

?LINT:set d_msgget

: see if msgget exists

set msgget d_msgget

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msgget.U

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?RCS:

?RCS: \$Log: i_sysun.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:42 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit looks wether <inttypes.h> is available or not

?X:

?MAKE:i_inttypes: Inhdr

?MAKE:-pick add \$@ %<

?S:i_inttypes:

?S: This variable conditionally defines I_INTTYPES, which indicates

?S: to the C program that it should include <inttypes.h> to get

?S: format conversions of integer types.

?S:.

?C:I_INTTYPES:

?C: This symbol, if defined, indicates to the C program that it should

?C: include

<inttypes.h> to get format conversions of integer types.

?C:.

?H:#\$i_inttypes I_INTTYPES /**/

?H:.

?LINT:set i_inttypes

: see if this is a inttypes.h system

set inttypes.h i_inttypes

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_inttypes.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_sigsetjmp.U,v 3.0.1.1 1997/02/28 15:44:33 ram Exp \$

?RCS:

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?RCS:

?RCS: \$Log: d_sigsetjmp.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:44:33 ram

?RCS: patch61: created

?RCS:

?MAKE:d_sigsetjmp: Compile Setvar cat rm_try run i_stdlib

?MAKE: -pick add \$@ %<

?S:d_sigsetjmp:

?S: This variable conditionally defines the HAS_SIGSETJMP symbol,

?S: which

indicates that the sigsetjmp() routine is available to

?S: call setjmp() and optionally save the process's signal mask.

?S:.

?C:HAS_SIGSETJMP:

?C: This variable indicates to the C program that the sigsetjmp()

?C: routine is available to save the calling process's registers

?C: and stack environment for later use by siglongjmp(), and

?C: to optionally save the process's signal mask. See

?C: Sigjmp_buf, Sigsetjmp, and Siglongjmp.

?C:.

?C:Sigjmp_buf:

?C: This is the buffer type to be used with Sigsetjmp and Siglongjmp.

?C:.

?C:Sigsetjmp:

?C: This macro is used in the same way as sigsetjmp(), but will invoke

?C: traditional setjmp() if sigsetjmp isn't available.

?C: See HAS_SIGSETJMP.

?C:.

?C:Siglongjmp:

?C: This macro is used in the same way as siglongjmp(), but will invoke

```

?C: traditional longjmp() if siglongjmp isn't available.
?C: See HAS_SIGSETJMP.
?C:.
?H:%<:#$d_sigsetjmp HAS_SIGSETJMP /**/
?H:%<:#ifdef HAS_SIGSETJMP
?H:%<:#define Sigjmp_buf sigjmp_buf
?H:%<:#define Sigsetjmp(buf,save_mask)
sigsetjmp((buf),(save_mask))
?H:%<:#define Siglongjmp(buf,retval) siglongjmp((buf),(retval))
?H:%<:#else
?H:%<:#define Sigjmp_buf jmp_buf
?H:%<:#define Sigsetjmp(buf,save_mask) setjmp((buf))
?H:%<:#define Siglongjmp(buf,retval) longjmp((buf),(retval))
?H:%<:#endif
?H:.
?W:%<:Sigjmp_buf Sigsetjmp Siglongjmp
?F:!try
?LINT:set d_sigsetjmp
: see if sigsetjmp exists
?X: We can't check for these symbols with Inlibc because sigsetjmp
?X: is (sometimes? always?) a macro under GCC
echo " "
case "$d_sigsetjmp" in
")
$cat >try.c <<EOP
#include <setjmp.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
sigjmp_buf env;
int set = 1;
int main()
{
if (sigsetjmp(env,1))
exit(set);
set = 0;
siglongjmp(env, 1);
exit(1);
}
EOP
set try
if eval $compile; then
if $run ./try >/dev/null 2>&1; then
echo "POSIX sigsetjmp found." >&4
val="$define"
else
$cat >&4 <<EOM

```

Uh-Oh! You have POSIX sigsetjmp and siglongjmp, but they do not work properly!!

I'll

ignore them.

EOM

```
    val="$undef"
fi
else
    echo "sigsetjmp not found." >&4
    val="$undef"
fi
;;
*) val="$d_sigsetjmp"
case "$d_sigsetjmp" in
    $define) echo "POSIX sigsetjmp found." >&4;;
    $undef) echo "sigsetjmp not found." >&4;;
esac
;;
esac
set d_sigsetjmp
eval $setvar
$rm_try
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_sigsetjmp.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_time.U,v 3.0 1993/08/18 12:08:45 ram Exp \$

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: i_time.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:45 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit finds which "time" include to use. If 'timezone' is used by the

?X: program, we also try to find which header should be included. Eventually,

?X: we look for <sys/select.h> if I_SYSSSELECT is used, to get struct timeval.

?X:

?MAKE:i_time i_systime i_systimek timeincl d_tm_tm_zone d_tm_tm_gmtoff: \

Compile cat \

contains `rm_try echo n`
`c +i_sysselect Findhdr Hasfield i_stdlib`
`?MAKE: -pick add $@ %<`
`?S:i_time:`
`?S:` This variable unconditionally defines `I_TIME`, which indicates
`?S:` to the C program that it should include `<time.h>`.
`?S:.`
`?S:i_systime:`
`?S:` This variable conditionally defines `I_SYS_TIME`, which indicates
`?S:` to the C program that it should include `<sys/time.h>`.
`?S:.`
`?S:i_systimek:`
`?S:` This variable conditionally defines `I_SYS_TIME_KERNEL`, which
`?S:` indicates to the C program that it should include `<sys/time.h>`
`?S:` with `KERNEL` defined.
`?S:.`
`?S:timeincl:`
`?S:` This variable holds the full path of the included time header(s).
`?S:.`
`?S:d_tm_tm_zone:`
`?S:` This variable conditionally defines `HAS_TM_TM_ZONE`, which indicates
`?S:` indicates to the C program that the struct `tm` has the `tm_zone` field.
`?S:.`
`?S:d_tm_tm_gmtoff:`
`?S:` This variable conditionally defines `HAS_TM_TM_GMTOFF`, which indicates
`?S:` indicates to the C program that the struct `tm` has the `tm_gmtoff` field.
`?S:.`
`?C:I_TIME (USE_TIME_H):`
`?C:` This symbol is always defined,
and indicates to the C program that
`?C:` it should include `<time.h>`.
`?C:.`
`?C:I_SYS_TIME (I_SYSTIME USE_SYS_TIME_H NO_TIME_WITH_SYS_TIME):`
`?C:` This symbol, if defined, indicates to the C program that it should
`?C:` include `<sys/time.h>`.
`?C:.`
`?C:I_SYS_TIME_KERNEL (I_SYSTIMEKERNEL):`
`?C:` This symbol, if defined, indicates to the C program that it should
`?C:` include `<sys/time.h>` with `KERNEL` defined.
`?C:.`
`?C:HAS_TM_TM_ZONE:`
`?C:` This symbol, if defined, indicates to the C program that
`?C:` the struct `tm` has a `tm_zone` field.
`?C:.`
`?C:HAS_TM_TM_GMTOFF:`
`?C:` This symbol, if defined, indicates to the C program that
`?C:` the struct `tm` has a `tm_gmtoff` field.
`?C:.`

```

?H:#$i_time I_TIME /**/
?H:#$i_systime I_SYS_TIME /**/
?H:#$i_systimek I_SYS_TIME_KERNEL /**/
?H:#$d_tm_tm_zone HAS_TM_TM_ZONE /**/
?H:#$d_tm_tm_gmtoff HAS_TM_TM_GMTOFF /**/
?H:.
?W::timezone
?T:xselect flags sysselect s_timeval s_timezone
?LINT:change i_sysselect
?LINT:set d_tm_tm_zone
?LINT:set d_tm_tm_gmtoff
: see if we should include
sys/time.h
echo " "
i_time='define'
if test "X$timeincl" = X; then
echo "Testing to see if we should include <sys/time.h>." >&4
$echo $n "I'm now running the test program...$c"
$cat >try.c <<EOCP
#include <sys/types.h>
#include <time.h>
#ifdef I_SYSTIME
#ifdef SYSTIMEKERNEL
#define KERNEL
#endif
#include <sys/time.h>
#endif
#ifdef I_SYSSELECT
#include <sys/select.h>
#endif
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main()
{
struct tm foo;
#ifdef S_TIMEVAL
struct timeval bar;
#endif
#ifdef S_TIMEZONE
struct timezone tzp;
#endif
if (foo.tm_sec == foo.tm_sec)
exit(0);
#ifdef S_TIMEVAL
if (bar.tv_sec == bar.tv_sec)
exit(0);

```

```

#endif
exit(1);
}
EOCP
flags="
@if I_SYSSELECT
if $contains 'timeval.*{'`./findhdr sys/select.h` >/dev/null 2>&1; then
xselect='-DI_SYSSELECT'
else
xselect=""
fi
@end
@if timezone
for s_timezone in '-DS_TIMEZONE' "; do
@else
s_timezone=""
@end
?X: Every package is given a try with 'struct timeval'
@if I_SYSSELECT
for
sysselect in $xselect "; do
@else
sysselect=""
@end
for s_timeval in '-DS_TIMEVAL' "; do
for i_systimek in " '-DSYSTIMEKERNEL'; do
for i_systime in '-DI_SYSTIME' "; do
case "$flags" in
") $echo $n ". $c"
set try $i_systime $i_systimek $sysselect $s_timeval $s_timezone
if eval $compile; then
set X $i_systime $i_systimek $sysselect $s_timeval
shift
flags="$*"
echo " "
$echo $n "Succeeded with $flags$c"
fi
;;
esac
done
done
done
@if I_SYSSELECT
done
@end
@if timezone
done
@end

```

```

timeincl="
echo " "
case "$flags" in
*SYSTIMEKERNEL*) i_systimek="$define"
timeincl=`./findhdr sys/time.h`
echo "We'll include <sys/time.h> with KERNEL defined." >&4;;
*) i_systimek="$undef";;
esac
case "$flags" in
*_I_SYSTIME*) i_systime="$define"
timeincl=`./findhdr sys/time.h` $timeincl"
echo "We'll include <sys/time.h>." >&4;;
*) i_systime="$undef";;
esac
@if I_SYSSELECT
case "$flags" in
*_I_SYSSELECT*) i_syssselct="$define"
timeincl=`./findhdr
sys/select.h`" $timeincl"
echo "We'll also include <sys/select.h> to get struct timeval." >&4;;
*) case "$i_syssselct" in
") i_syssselct="$undef";;
esac
esac
@end
$rm_try
fi
: see if struct tm knows about tm_zone
case "$i_systime$i_time" in
*$define*)
echo " "
echo "Checking to see if your struct tm has tm_zone field..." >&4
set d_tm_tm_zone tm tm_zone $i_systime sys/time.h $i_time time.h
eval $hasfield
;;
*) val="$undef"
set d_tm_tm_zone
eval $setvar
;;
esac
case "$d_tm_tm_zone" in
"$define") echo "Yes, it does." ;;
*) echo "No, it doesn't." ;;
esac
: see if struct tm knows about tm_gmtoff
case "$i_systime$i_time" in
*$define*)
echo " "

```

```

echo "Checking to see if your struct tm has tm_gmtoff field..." >&4
set d_tm_tm_gmtoff tm tm_gmtoff $_system sys/time.h $_time time.h
eval $hasfield
;;
*) val="$undef"
set d_tm_tm_gmtoff

eval $setvar
;;
esac
case "$d_tm_tm_gmtoff" in
"$define") echo "Yes, it does." ;;
*) echo "No, it doesn't." ;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/i_time.U
```

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?RCS: \$Id\$

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Head.U,v \$

?RCS: Revision 3.0.1.9 1997/02/28 15:02:09 ram

?RCS: patch61: make sure we unset CDPATH for shells that support this

?RCS: patch61: improved Korn shell detection and handling

?RCS:

?RCS: Revision 3.0.1.8 1995/07/25 13:40:02 ram

?RCS: patch56: added SVR4-ish /opt directories to path list (ADO)

?RCS: patch56: OS/2 platforms are using another path separator

?RCS:

?RCS: Revision 3.0.1.7 1995/03/21 08:46:15 ram

?RCS: patch52: definition of paths wrongly added spurious ':' chars

?RCS:

?RCS:

Revision 3.0.1.6 1994/10/29 15:54:19 ram

?RCS: patch36: make sure ENV is unset before calling /bin/ksh

?RCS:

?RCS: Revision 3.0.1.5 1994/08/29 16:03:44 ram

?RCS: patch32: now sets PATH only using existing directories

```

?RCS:
?RCS: Revision 3.0.1.4 1994/06/20 06:54:28 ram
?RCS: patch30: now computes its invocation name into 'me'
?RCS: patch30: symbol me is made visible to all units read-only
?RCS:
?RCS: Revision 3.0.1.3 1993/12/15 08:15:07 ram
?RCS: patch15: added /sbin:/usr/sbin:/usr/libexec in PATH for BSD/386
?RCS:
?RCS: Revision 3.0.1.2 1993/11/10 17:32:35 ram
?RCS: patch14: ensure PATH is reset to '.' before testing for alias
?RCS:
?RCS: Revision 3.0.1.1 1993/08/27 14:38:07 ram
?RCS: patch7: not all 'test' programs support the -x option
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:58 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This is the very first unit in the Configure script. It is mostly just
?X: things to keep people from getting
?X: into a tizzy right off the bat.
?X:
?MAKE:Head:
?MAKE: -pick wipe $@ %<
?V:PATH p_ _exe me newsh
?T:argv Id p paths OS2_SHELL DJGPP
?T:inksh needksh avoidksh newsh changesh reason
?F:!*
?LINT:extern ENV CDPATH SHELL MACHTYPE
?LINT:change ENV CDPATH
?LINT:nocomment
#!/bin/sh
#
# If these # comments don't work, trim them. Don't worry about any other
# shell scripts, Configure will trim # comments from them for you.
#
# (If you are trying to port this package to a machine without sh,
# I would suggest you have a look at the prototypical config_h.SH file
# and edit it to reflect your system. Some packages may include samples
# of config.h for certain machines, so you might look for one of those.)
#
?X:
?X: NOTE THAT A CONFIGURE SCRIPT IS IN THE PUBLIC DOMAIN (whether or not
?X: the software which uses it is in the public domain).
?X:
# Yes, you may rip this off to use in other distribution packages. This
# script belongs to the public domain and cannot be copyrighted.
#

```

```

?X:
?X: WE ASK YOU
NOT TO REMOVE OR ALTER THE FOLLOWING PARAGRAPH, PLEASE:
?X:
# Note: this Configure script was generated automatically. Rather than
# working with this copy of Configure, you may wish to get metaconfig.
# The dist package (which contains metaconfig) is available via SVN:
#   svn co https://svn.code.sf.net/p/dist/code/trunk/dist
?X:
?X: NOTA BENE:
?X: If you develop you own version of metaconfig based on this work,
?X: you have to add some comments telling that the script was generated
?X: by your version, not mine: It credits your work.
?X:

# $Id: Head.U 6 2006-08-25 22:21:46Z rmanfredi $
#
# Generated on <DATE> [metaconfig <VERSION> PL<PATCHLEVEL>]

cat >c1$$ <<EOF
ARGGGHHHH!!!!

SCO csh still thinks true is false. Write to SCO today and tell them that next
year Configure ought to "rm /bin/csh" unless they fix their blasted shell. :-)

(Actually, Configure ought to just patch csh in place. Hmm. Hmmmmm. All
we'd have to do is go in and swap the && and || tokens, wherever they are.)

[End
of diatribe. We now return you to your regularly scheduled programming...]
EOF
cat >c2$$ <<EOF

OOPS! You naughty creature! You didn't run Configure with sh!
I will attempt to remedy the situation by running sh for you...
EOF

true || cat c1$$ c2$$
true || exec sh $0 $argv:q

(exit $?0) || cat c2$$
(exit $?0) || exec sh $0 $argv:q
rm -f c1$$ c2$$

: compute my invocation name
me=$0
case "$0" in
*/*)

```

```
me=`echo $0 | sed -e 's!.*\/(.*)!\1!' 2>/dev/null`
test "$me" || me=$0
;;
esac
```

?X:

?X: To be able to run under OS/2, we must detect that early enough to use

?X: the proper path separator, stored in \$p_. It is : on UNIX and ; on

?X: DOSish systems such as OS/2.

?X:

: Proper separator for the PATH environment variable

p_=:

: On OS/2 this directory should exist if this is not floppy only system ":-]"

if test -d c:/ ; then

if test -n "\$OS2_SHELL"; then

p_=\;

PATH=`cmd /c "echo %PATH%" | tr "\\\\" /`

?X: That's a bug in ksh5.22

OS2_SHELL=`cmd /c "echo %OS2_SHELL%" | tr

"/ | tr '[A-Z]' [a-z]"`

elif test -n "\$DJGPP"; then

case "X\${MACHTYPE:-noneschmach}" in

*cygwin) ;;

*) p_=\; ;;

esac

fi

fi

?X:

?X: There are two schools of thoughts here. Some people correctly argue that

?X: the user has a better chance than we do of setting a reasonable PATH and

?X: others argue that Configure is the best place there is to set up a suitable

?X: PATH. Well, here we try to compromise by keeping the user's PATH and

?X: appending some directories which are known to work on some machine or the

?X: other. The rationale behind this being that a novice user might not have a

?X: proper environment variable set, and some directories like /etc (where

?X: chown is located on some BSD systems) may be missing--RAM.

?X:

?X: SVR4 adds an /opt directory for optional packages. Some sites use

?X: various permutations on /opt as opposed to /usr or /usr/local.-- ADO

?X:

?X: We only add directories that are not already in the PATH of the

?X: user and the directories must

exist also.

?X:

: Proper PATH setting

paths="/bin /usr/bin /usr/local/bin /usr/ucb /usr/local /usr/lbin'

paths="\$paths /opt/bin /opt/local/bin /opt/local /opt/lbin"


```
paths="$paths /usr/5bin /etc /usr/gnu/bin /usr/new /usr/new/bin /usr/nbin"
paths="$paths /opt/gnu/bin /opt/new /opt/new/bin /opt/nbin"
paths="$paths /sys5.3/bin /sys5.3/usr/bin /bsd4.3/bin /bsd4.3/usr/ucb"
paths="$paths /bsd4.3/usr/bin /usr/bsd /bsd43/bin /usr/ccs/bin"
paths="$paths /etc /usr/lib /usr/ucblib /lib /usr/ccs/lib"
paths="$paths /sbin /usr/sbin /usr/libexec"
paths="$paths /system/gnu_library/bin"
```

```
for p in $paths
do
case "$p_$PATH$p_" in
*$p_$p$p_*) ;;
*) test -d $p && PATH=$PATH$p_$p ;;
esac
done
```

```
PATH=.$p_$PATH
export PATH
```

: shall we be using ksh?

```
inksh=""
```

```
needksh=""
```

```
avoidksh=""
```

```
newsh=/bin/ksh
```

```
changesh=""
```

?X: Use (alias -x) and not (alias) since zsh and bash recognize the alias

?X: builtin but not the -x option which is typically ksh...

?X: We need to set up PATH before calling the "alias" built-in since some

?X: systems like HP-UX have a binary called /bin/alias.

```
if (PATH=.; alias -x) >/dev/null 2>&1; then
```

```
inksh=true
```

```
fi
```

?X: On HP-UX, large Configure scripts may exercise a bug in /bin/sh, use ksh

```
if test -f /hp-ux -a -f /bin/ksh; then
```

```
needksh='to avoid sh bug in "here document" expansion'
```

```
fi
```

?X: On AIX4, /bin/sh is really ksh and it causes problems, use sh

```
if test -d /usr/lpp -a -f /usr/bin/bsh -a -f /usr/bin/uname; then
```

```
if test X`/usr/bin/uname -v` = X4; then
```

```
avoidksh="to avoid AIX 4's /bin/sh"
```

```
newsh=/usr/bin/bsh
```

```
fi
```

```
fi
```

?X: On Digital UNIX, /bin/sh may start up buggy /bin/ksh, use sh

```
if test -f /osf_boot -a -f /usr/sbin/setld; then
```

```
if test X`/usr/bin/uname -s` = XOSF1; then
```

```
avoidksh="to avoid Digital UNIX' ksh"
```

```

newsh=/bin/sh
?X: if BIN_SH is set to 'xpg4', sh will start up ksh
unset BIN_SH
fi
fi
?X: If we are not in ksh and need it, then feed us back to it
case "$sinksh/$needksh" in
/[a-z]*)
?X: Clear ENV to avoid any ~/.kshrc that could alias cd or whatever...
?X: Don't
use "unset ENV", that is not portable enough
ENV=""
changesh=true
reason="$needksh"
;;
esac
?X: If we are in ksh and must avoid it, then feed us back to a new shell
case "$sinksh/$avoidksh" in
true/[a-z]*)
changesh=true
reason="$avoidksh"
;;
esac
?X: Warn them if they use ksh on other systems, which are those where
?X: we don't need ksh nor want to avoid it explicitly, yet are using it.
case "$sinksh/$needksh-$avoidksh-" in
true/--)
cat <<EOM
(I see you are using the Korn shell. Some ksh's blow up on $me,
mainly on older exotic systems. If yours does, try the Bourne shell instead.)
EOM
;;
esac
case "$changesh" in
true)
export newsh
echo "(Feeding myself to $newsh $reason.)"
?X: Make sure they didn't say sh <Configure by checking whether $0 ends
?X: with Configure or not. If they did say sh <././Configure, then too
?X: bad for them anyway, since we lost that path indication...
?X: Otherwise, execing $0 ensures we keep the full remote source dir
?X: indication for src.U.
case
"$0" in
Configure|*/Configure) exec $newsh $0 "$@";;
*) exec $newsh Configure "$@";;
esac
;;

```

esac

?X: Unset CDPATH to avoid surprises when using cd under some shells

?X: Can't unset it because that's not portable to very old shells.

?X: Can't set it to " because then bash 2.02 won't do "cd UU" --AD 6/98.

?X: Don't want to set it to '.' because then ksh prints out the

?X: name of the directory every time you cd to it. --AD 6/98

?X: In order to inflict the least harm, change it only if it's set.

: if needed, set CDPATH to a harmless value that is not chatty

case "\$CDPATH" in

") ;;

*) case "\$SHELL" in

bash) CDPATH='.' ;;

*) CDPATH="" ;;

esac

;;

esac

: Configure runs within the UU subdirectory

test -d UU || mkdir UU

?X: Use ./* to avoid any confirmation prompts from enhanced shells -- WED

cd UU && rm -f ./*

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Head.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999, Jarkko Hietaniemi

?RCS:

?RCS: This file is included with or a derivative work of a file included

?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.

?RCS: In accordance with clause 7 of dist's modified Artistic License:

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:multiarch: osname

?MAKE: -pick add \$@ %<

?S:multiarch:

?S: This variable conditionally defines the MULTIARCH symbol

?S: which signifies the presence of multiplatform files.

?S: This is normally set by hints files.

?S:.

?C:MULTIARCH:

?C: This symbol, if defined, signifies that the build

?C: process will produce some binary files that are going to be
?C: used in a cross-platform environment. This is the case for
?C: example with the NeXT "fat" binaries that contain executables
?C: for
several CPUs.

?C:.

?H:#\$multiarch MULTIARCH /**/

?H:.

```
: Check if is a multiplatform env
case "$osname" in
darwin) multiarch="$define" ;;
esac
case "$multiarch" in
"|[nN]*") multiarch="$undef" ;;
esac
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/a_dvisory/multiarch.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: randfunc.U,v 3.0 1993/08/18 12:09:39 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: randfunc.U,v \$

?RCS: Revision 3.0 1993/08/18 12:09:39 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This is the new unit that should be used when random

?X: functions are to be used. It thus makes randbits.U obsolete.

?X:

?X: This unit gives a simple #define for Drand01, which produces

?X: doubles in the range [0,1) using the "best" random number

?X: generator available. The source should just call Drand01

?X: and not worry about the underlying

implementation.

?X: Andy Dougherty July 1998

?X:

?MAKE:randfunc drand01 seedfunc randbits randseedtype: \

Compile Myread Csym cflags

?MAKE: -pick add \$@ %<

?S:randfunc:

?S: Indicates the name of the random number function to use.

?S: Values include drand48, random, and rand. In C programs,

?S: the 'Drand01' macro is defined to generate uniformly distributed

?S: random numbers over the range [0., 1.[(see drand01 and nrand).

?S:.

?S:drand01:

?S: Indicates the macro to be used to generate normalized

?S: random numbers. Uses randfunc, often divided by

?S: (double) (((unsigned long) 1 << randbits)) in order to

?S: normalize the result.

?S: In C programs, the macro 'Drand01' is mapped to drand01.

?S:.

?S:randseedtype:

?S: Indicates the type of the argument of the seedfunc.

?S:.

?S:seedfunc:

?S: Indicates the random number generating seed function.

?S: Values include srand48, srandom, and srand.

?S:.

?S:randbits:

?S: Indicates how many bits are produced by the function used to

?S: generate

normalized random numbers.

?S:.

?C:RANDFUNC:

?C: This symbol defines the random function used to define Drand01().

?C:.

?C:Drand01:

?C: This macro is to be used to generate uniformly distributed

?C: random numbers over the range [0., 1.[. You may have to supply

?C: an 'extern double drand48();' in your program since SunOS 4.1.3

?C: doesn't provide you with anything relevant in its headers.

?C: See HAS_DRAND48_PROTO.

?C:.

?C:Rand_seed_t:

?C: This symbol defines the type of the argument of the

?C: random seed function.

?C:.

?C:seedDrand01:

?C: This symbol defines the macro to be used in seeding the

?C: random number generator (see Drand01).

?C:.

?C:RANDBITS:

?C: This symbol indicates how many bits are produced by the

?C: function used to generate normalized random numbers.

?C: Values include 15, 16, 31, and 48.

```

?C:.
?H:#define RANDFUNC $randfunc /**/
?H:#define Drand01() $drand01 /**/
?H:#define Rand_seed_t $randseedtype /**/
?H:#define seedDrand01(x) $seedfunc((Rand_seed_t)x) /**/
?H:#define
  RANDBITS $randbits /**/
?H:.
?LINT:change ccflags
?LINT:unclosed $randbits))"
: How can we generate normalized random numbers ?
echo " "
echo "Using our internal random number implementation..." >&4

case "$ccflags" in
*-Dmy_rand=|*-Dmy_srand=*)
echo "Removing obsolete -Dmy_rand, -Dmy_srand, and -Drandbits from ccflags." >&4
ccflags="`echo $ccflags | sed -e 's/-Dmy_rand=random/ /'"
ccflags="`echo $ccflags | sed -e 's/-Dmy_srand=srandom/ /'"
ccflags="`echo $ccflags | sed -e 's/-Drandbits=[0-9][0-9]*/ /'"
;;
esac

randfunc=Perl_drand48
drand01="Perl_drand48()"
seedfunc="Perl_drand48_init"
randbits=48
randseedtype=U32

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/randfunc.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_msghdr_s: Hasstruct i_systypes d_socket i_sysuio Setvar
?MAKE: -pick add $@ %<
?S:d_msghdr_s:
?S: This variable conditionally defines the HAS_STRUCT_MSGHDR symbol,
?S: which indicates that the struct msghdr is supported.
?S:.
?C:HAS_STRUCT_MSGHDR:

```

```

?C: This symbol, if defined, indicates that the struct msghdr
?C: is supported.
?C:.
?H:#$d_msghdr_s HAS_STRUCT_MSGHDR /**/
?H:.
?LINT:set d_msghdr_s
: Check for msghdr_s
echo " "
echo "Checking to see if your system supports struct msghdr..." >&4
set d_msghdr_s msghdr $i_systypes sys/types.h $d_socket sys/socket.h $i_sysuio sys/uio.h
eval $hasstruct
case "$d_msghdr_s" in
"$define") echo "Yes, it does." ;;
*) echo "No, it doesn't."
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_msghdr_s.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2001 Jarkko Hietaniemi

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?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_flockproto: Hasproto i_sysfile

?MAKE: -pick add \$@ %<

?S:d_flockproto:

?S: This variable conditionally defines the HAS_FLOCK_PROTO symbol,

?S: which indicates to the C program that the system provides

?S: a prototype for the flock() function. Otherwise, it is

?S: up to the program to supply one.

?S:.

?C:HAS_FLOCK_PROTO:

?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the flock() function. Otherwise, it is up

?C: to the program to supply one. A good guess is

?C: extern int flock(int,

int);

?C:.

?H:#\$d_flockproto HAS_FLOCK_PROTO /**/

```
?H:
?LINT:set d_flockproto
: see if prototype for flock is available
echo " "
set d_flockproto flock $i_sysfile sys/file.h
eval $hasproto
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_flockproto.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: basicshell.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: basicshell.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:05:25 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:basicshell: Getfile Oldconfig bash csh ksh sh
```

```
?MAKE: -pick add $@ %<
```

```
?S:basicshell:
```

```
?S: This variable contains the eventual value of the BASICSHELL symbol,
```

```
?S: which contains the full name of the basic script shell on this
```

```
?S: system. Usual values are /bin/sh, /bin/ksh, /bin/csh.
```

```
?S:.
```

```
?C:BASICSHELL:
```

```
?C: This symbol contains the
full name of the basic script shell on this
```

```
?C: system. Usual values are /bin/sh, /bin/ksh, /bin/csh.
```

```
?C:.
```

```
?H:#define BASICSHELL "$basicshell" /**/
```

```
?H:.
```

```
: find the most basic shell for scripts
```

```
echo " "
```

```
case "$basicshell" in
```

```
  ")
```

```
  case "$sh $bash $csh $ksh" in
```

```
  */sh*) dflt="$sh" ;;
```

```
  */ksh*) dflt="$ksh" ;;
```

```
  */csh*) dflt="$csh" ;;
```



```

*/bash*) dflt="$bash" ;;
*) dflt="/bin/sh" ;;
esac
;;
*)
dflt="$basicshell";;
esac
fn=f
rp="Give the full path name of the most basic shell used on your system"
./getfile
basicshell=$ans

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/basicshell.U

```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_llrintl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_llrintl:

?S: This variable conditionally defines the HAS_LLRLNTL symbol, which

?S: indicates to the C program that the llrintl() routine is available

?S: to return the long long value closest to a long double (according

?S: to the current rounding mode).

?S:.

?C:HAS_LLRLNTL:

?C: This symbol, if defined, indicates that the llrintl routine is

?C: available to return the long long value closest to a long double

?C: (according to the current rounding mode).

?C:.

?H:#\$d_llrintl HAS_LLRLNTL /**/

?H:.

?LINT:set d_llrintl

: see if llrintl exists

set llrintl d_llrintl

eval \$inlibc

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_llrintl.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_statvfs d_fstatvfs: Inlibc
?MAKE: -pick add \$@ %<
?S:d_statvfs:
?S: This variable conditionally defines the HAS_STATVFS symbol, which
?S: indicates to the C program that the statvfs() routine is available.
?S:.
?S:d_fstatvfs:
?S: This variable conditionally defines the HAS_FSTATVFS symbol, which
?S: indicates to the C program that the fstatvfs() routine is available.
?S:.
?C:HAS_STATVFS:
?C: This symbol, if defined, indicates that the statvfs routine is
?C: available to stat filesystems by filenames.
?C:.
?C:HAS_FSTATVFS:
?C: This symbol, if defined, indicates that the fstatvfs routine is
?C: available to stat filesystems by file descriptors.
?C:.
?H:#\$d_statvfs HAS_STATVFS /**/
?H:#\$d_fstatvfs
HAS_FSTATVFS /**/
?H:.
?LINT:set d_statvfs
?LINT:set d_fstatvfs
: see if statvfs exists
set statvfs d_statvfs
eval \$inlibc

: see if fstatvfs exists
set fstatvfs d_fstatvfs
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_statvfs.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_utime.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root
 ?RCS: of the source tree for dist 4.0.
 ?RCS:
 ?RCS: \$Log: i_utime.U,v \$
 ?RCS: Revision 3.0 1993/08/18 12:08:47 ram
 ?RCS: Baseline for dist 3.0 netwide release.
 ?RCS:
 ?MAKE:i_utime: Inhdr
 ?MAKE: -pick add \$@ %<
 ?S:i_utime:
 ?S: This variable conditionally defines the I_UTIME symbol, and indicates
 ?S: whether a C program should include <utime.h>.
 ?S:.
 ?C:I_UTIME:
 ?C: This symbol, if defined, indicates to the C program that it should
 ?C: include <utime.h>.
 ?C:.
 ?H:#\$i_utime I_UTIME /**/
 ?H:.
 ?LINT:set i_utime
 :
 see if this is an utime system
 set utime.h i_utime
 eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_utime.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
 ?RCS:
 ?RCS: Copyright (c) 2016 H.Merijn Brand & Todd Rinaldo
 ?RCS:
 ?RCS: You may distribute under the terms of either the GNU General Public
 ?RCS: License or the Artistic License, as specified in the README file.
 ?RCS:
 ?MAKE:default_inc_excludes_dot: Myread cat
 ?MAKE: -pick add \$@ %<
 ?S:default_inc_excludes_dot:
 ?S: When defined, remove the legacy '.' from @INC
 ?S:.
 ?C:DEFAULT_INC_EXCLUDES_DOT:
 ?C: This symbol, if defined, removes the legacy default behavior of
 ?C: including '.' at the end of @INC.
 ?C:.
 ?H:#\$default_inc_excludes_dot DEFAULT_INC_EXCLUDES_DOT /**/
 ?H:.

```
: Include . in @INC
```

```
$cat <<EOM
```

Historically Perl has provided a final fallback of the current working directory '.' when searching for a library. This, however, can lead to problems when a Perl program which loads optional modules is called from a shared directory. This can lead to executing unexpected code.

```
EOM
```

```
# When changing to exclude by
```

```
default:
```

```
case "$default_inc_excludes_dot" in
```

```
  $undef|false|[nN]*) dflt="n" ;;
```

```
  *)          dflt="y" ;;
```

```
esac
```

```
# To turn exclude off by default:
```

```
#case "$default_inc_excludes_dot" in
```

```
#  $define|true|[yY]*) dflt="y" ;;
```

```
#  *)          dflt="n" ;;
```

```
#esac
```

```
rp='Exclude '.' from @INC by default? '
```

```
./myread
```

```
case "$ans" in
```

```
  [nN]|undef) default_inc_excludes_dot="$undef" ;;
```

```
  *)          default_inc_excludes_dot="$define" ;;
```

```
esac
```

```
Found in path(s):
```

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/defaultincdot.U
```

```
No license file was found, but licenses were detected in source scan.
```

```
?RCS: $Id: pidtype.U,v 3.0.1.1 1994/08/29 16:31:27 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: pidtype.U,v $
```

```
?RCS: Revision 3.0.1.1 1994/08/29 16:31:27 ram
```

```
?RCS: patch32: now uses new Typedef unit to compute type information
```

```
?RCS:
```

?RCS: Revision 3.0 1993/08/18 12:09:33 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:pidtype: Myread Typedef
?MAKE: -pick add \$@ %<
?S:pidtype:
?S: This variable defines PIDTYPE to be something like pid_t, int,
?S: ushort, or whatever type is used to declare process ids in the kernel.
?S:.
?C:Pid_t (PIDTYPE):
?C: This
symbol holds the type used to declare process ids in the kernel.
?C: It can be int, uint, pid_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Pid_t \$pidtype /* PID type */
?H:.
?LINT: set pidtype
: see what type pids are declared as in the kernel
rp="What is the type of process ids on this system?"
set pid_t pidtype int stdio.h sys/types.h
eval \$typedef_ask

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/pidtype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_usleepproto: Hasproto i_unistd
?MAKE: -pick add \$@ %<
?S:d_usleepproto:
?S: This variable conditionally defines the HAS_USLEEP_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the usleep() function. Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_USLEEP_PROTO:
?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the usleep() function. Otherwise, it is up

?C: to the program to supply one. A good guess is

?C: extern int

```
usleep(useconds_t);
```

?C:.

```
?H:#$d_usleepproto HAS_USLEEP_PROTO /**/
```

?H:.

```
?LINT:set d_usleepproto
```

```
: see if prototype for usleep is available
```

```
echo " "
```

```
set d_usleepproto usleep $i_unistd unistd.h
```

```
eval $hasproto
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_usleepproto.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_vfork.U,v 3.0.1.6 1994/08/29 16:18:21 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
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```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: d_vfork.U,v $
```

```
?RCS: Revision 3.0.1.6 1994/08/29 16:18:21 ram
```

```
?RCS: patch32: set default to 'y' the first time
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.5 1994/06/20 06:59:14 ram
```

```
?RCS: patch30: usevfork was not always properly set
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.4 1994/05/13 15:20:56 ram
```

```
?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.3 1994/05/06 14:59:09 ram
```

```
?RCS: patch23: now explicitly ask whether vfork() should be used  
(ADO)
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.2 1993/10/16 13:49:39 ram
```

```
?RCS: patch12: added magic for vfork()
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1993/09/13 16:06:57 ram
```

```
?RCS: patch10: removed automatic remapping of vfork on fork (WAD)
```

```
?RCS: patch10: added compatibility code for older config.sh (WAD)
```

```

?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:55 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_vfork usevfork d_pseudofork: Inlibc Myread Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_vfork:
?S: This variable conditionally defines the HAS_VFORK symbol, which
?S: indicates the vfork() routine is available.
?S:.
?S:usevfork:
?S: This variable is set to true when the user accepts to use vfork.
?S: It is set to false when no vfork is available or when the user
?S: explicitly requests not to use vfork.
?S:.
?S:d_pseudofork:
?S: This variable conditionally defines the HAS_PSEUDOFORK symbol,
?S: which indicates that an emulation of the fork routine is available.
?S:.
?C:HAS_VFORK (VFORK):
?C: This
symbol, if defined, indicates that vfork() exists.
?C:.
?H:#$d_vfork HAS_VFORK /**/
?H:.
?C:HAS_PSEUDOFORK:
?C: This symbol, if defined, indicates that an emulation of the
?C: fork routine is available.
?C:.
?H:#$d_pseudofork HAS_PSEUDOFORK /**/
?H:.
?M:vfork: HAS_VFORK
?M:#ifndef HAS_VFORK
?M:#define vfork fork
?M:#endif
?M:.
?T:d_hvfork
: backward compatibility for d_hvfork
if test X$d_hvfork != X; then
d_vfork="$d_hvfork"
d_hvfork="
fi
?X:=====
: see if there is a vfork
val="
set vfork val
eval $inlibc

```

```
d_pseudofork=$undef
```

: Ok, but do we want to use it. vfork is reportedly unreliable in
: perl on Solaris 2.x, and probably elsewhere.

```
case "$val" in  
$define)  
echo " "  
case "$usevfork" in  
false) dflt='n';  
*) dflt='y';  
esac  
cat <<'EOM'
```

Perl can only use a vfork() that doesn't suffer from strict
restrictions on calling functions or modifying global data in
the child. For example, glibc-2.1 contains such a vfork()
that is unsuitable. If your system
provides a proper fork()
call, chances are that you do NOT want perl to use vfork().

EOM

```
rp="Do you still want to use vfork()?"
```

```
./myread
```

```
case "$ans" in
```

```
y|Y) ;;
```

```
*)
```

```
echo "Ok, we won't use vfork()."
```

```
val="$undef"
```

```
;;
```

```
esac
```

```
;;
```

```
esac
```

```
?X:
```

?X: Only set it when final value is known to avoid spurious Whoa's

?X: Then set usevfork accordingly to the current value, for next run

```
?X:
```

```
set d_vfork
```

```
eval $setvar
```

```
case "$d_vfork" in
```

```
$define) usevfork='true';;
```

```
*) usevfork='false';;
```

```
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-  
5.30.0/U/modified/d_vfork.U
```

No license file was found, but licenses were detected in source scan.


```

?RCS: $Id: Chk_MANI.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Chk_MANI.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 14:57:25 ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.1 1994/10/31 09:33:14 ram
?RCS: patch44: now lists Begin instead of Myinit in its dependencies
?RCS: patch44: leading comment now explains how this unit is included
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:45 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit checks the package by making sure
every file listed in MANIFEST
?X: is present. It is systematically "included" via the Finish unit (which
?X: is always present in every Configure script), although it may result in
?X: an empty inclusion when no MANIFEST is present.
?X:
?MAKE:Chk_MANI: Begin c n rsrc
?MAKE: -pick wipe $@ %<
?T:filelist ans tmppwd
?X: This check happens at metaconfig-time, so it's ok to hard-code the path.
@if {test -f ../MANIFEST}
: Now test for existence of everything in MANIFEST
echo " "
if test -f "$rsrc/MANIFEST"; then
echo "First let's make sure your kit is complete. Checking..." >&4
?X:
?X: Files spelled uppercased and beginning with PACK are produced by the
?X: shell archive builder and may be removed by the user. Usually, they are
?X: not listed in the MANIFEST file, but you never know...
?X:
?X: "split -l" is the new way of running a split, but we also try the older way
?X:
awk '$1 !~ /PACK[A-Z]+/ {print $1}' "$rsrc/MANIFEST" | \
(split -l 50 2>/dev/null || split -50)
rm -f missing
tmppwd=`pwd`

```

```

for
filelist in x??: do
(cd "$rsrc"; ls `cat "$tmppwd/$filelist" ` \
>/dev/null 2>>"$tmppwd/missing")
done
if test -s missing; then
cat missing >&4
cat >&4 <<'EOM'

```

THIS PACKAGE SEEMS TO BE INCOMPLETE.

You have the option of continuing the configuration process, despite the distinct possibility that your kit is damaged, by typing 'y'es. If you do, don't blame me if something goes wrong. I advise you to type 'n'o and contact the author (<MAINTLOC>).

EOM

```

?X: Can't use $echo at this early stage
echo $n "Continue? [n] $c" >&4
read ans
case "$ans" in
y*)
echo "Continuing..." >&4
rm -f missing
;;
*)
?X:
?X: Use kill and not exit, so that the trap gets executed to clean up
?X:
echo "ABORTING..." >&4
kill $$
;;
esac
else
echo "Looks good..."
fi
else
echo "There is no MANIFEST file. I hope your kit is complete !"
fi
rm -f missing x??

@end

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Chk_MANI.U

```

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```

?RCS: $Id$
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_signbit: nvtype Compile Setvar cat run rm_try echo n c i_sunmath
?MAKE: -pick add $@ %<
?S:d_signbit:
?S: This variable conditionally defines the HAS_SIGNBIT symbol, which
?S: indicates to the C program that the signbit() routine is available
?S: and safe to use with perl's intern NV type.
?S:.
?C:HAS_SIGNBIT:
?C: This symbol, if defined, indicates that the signbit routine is
?C: available to check if the given number has the sign bit set.
?C: This should include correct testing of -0.0. This will only be set
?C: if the signbit() routine is safe to use with the NV type used internally
?C: in perl. Users should call Perl_signbit(), which will be #defined to
?C: the system's signbit() function or macro if this symbol is defined.
?C:.
?H:#$d_signbit
HAS_SIGNBIT /**/
?H:.
?F:!try
?LINT:set d_signbit
: see if signbit exists
$echo $n "Checking to see if you have signbit() available to work on $nvtype... $c" >&4
$cat >try.c <<EOCP
#$i_sunmath I_SUNMATH
#include <math.h>
#ifdef I_SUNMATH /* Solaris special math library */
# include <sunmath.h>
#endif
#define NV $nvtype
int main(int argc, char **argv)
{
    NV x = 0.0;
    NV y = -1.0;
    if ((signbit(x) == 0) && (signbit(y) != 0))
return 0;
    else
return 1;
}
EOCP
val="$undef"
set try
if eval $compile; then
    if $run ./try; then

```

```

    $echo "Yes." >&4
val="$define"
else
    $echo "Signbit seems to be available, but doesn't work as I expected."
    $echo "I won't use it." >&4
val="$undef"
fi
else
    $echo "Nope." >&4
    dflt="$undef"
fi
set d_signbit
eval $setvar
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_signbit.U
```

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?RCS: \$Id\$

?RCS:

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:gccversion gccosandvers gccansipedantic: cat cpp rm +cc \

Myread Guess Options Oldconfig Loc osname osvers run

?MAKE: -pick add \$@ %<

?S:gccversion:

?S: If GNU cc (gcc) is used, this variable holds '1' or '2' to

?S: indicate whether the compiler is version 1 or 2. This is used in

?S: setting some of the default cflags. It is set to " if not gcc.

?S:.

?S:gccosandvers:

?S: If GNU cc (gcc) is used, this variable holds the operating system

?S: and version used to compile gcc. It is set to " if not gcc,

?S: or if

nothing useful can be parsed as the os version.

?S:.

?S:gccansipedantic:

?S: If GNU cc (gcc) is used, this variable will enable (if set) the

?S: -ansi and -pedantic ccflags for building core files (through

?S: cflags script). (See Porting/pumpkin.pod for full description).

```

?S:.
?D:gccversion="
?D:gccansipedantic="
?T:gccshortvers
?T:incdir
?T:warn
?F:!try
?LINT:change cpp
?LINT:extern ccflags
?LINT:extern ldflags
?LINT:extern locincpth
?LINT:extern ccname
?LINT:change ccname
?LINT:change locincpth
?LINT:change ccflags
?LINT:set gccansipedantic
?X: Check if they have gcc in any guise.
: Check if we are using GNU gcc and what its version is
echo " "
echo "Checking for GNU cc in disguise and/or its version number..." >&4
$cat >try.c <<EOM
#include <stdio.h>
int main() {
#if defined(__GNUC__) && !defined(__INTEL_COMPILER)
#ifdef __VERSION__
printf("%s\n", __VERSION__);
#else
printf("%s\n", "1");
#endif
#endif
return(0);
}
EOM
if $cc -o try $ccflags $ldflags try.c; then
gccversion=`$run
./try`
case "$gccversion" in
") echo "You are not using GNU cc." ;;
*) echo "You are using GNU cc $gccversion."
ccname=gcc
;;
esac
else
echo " "
echo "*** WHOA THERE!!! ***" >&4
echo " Your C compiler \"$cc\" doesn't seem to be working!" >&4
?X: using -K will prevent aborting--maybe they're cross compiling?
case "$knowitall" in

```

```

")
echo "  You'd better start hunting for one and let me know about it." >&4
exit 1
;;
esac
fi
$rm -f try try.*
case "$gccversion" in
1*) cpp=`./loc gcc-cpp $cpp $pth` ;;
esac
case "$gccversion" in
") gccosandvers=" ;;
*) gccshortvers=`echo "$gccversion"|sed 's/ .*//'^
gccosandvers=`$cc -v 2>&1|grep '/specs$'|sed "s!.*[/^-/]*-[^-/*-]\([^-/*-]\)/$gccshortvers/specs!|1!"^
gccshortvers="
case "$gccosandvers" in
$osname) gccosandvers=" ;; # linux gccs seem to have no linux osvers, grr
$osname$osvers) ;; # looking good
$osname*) cat <<EOM >&4

```

*** WHOA THERE!!! ***

Your gcc has not been compiled for the exact
release of
your operating system (\$gccosandvers versus \$osname\$osvers).

In general it is a good idea to keep gcc synchronized with
the operating system because otherwise serious problems
may ensue when trying to compile software, like Perl.

I'm trying to be optimistic here, though, and will continue.
If later during the configuration and build icky compilation
problems appear (headerfile conflicts being the most common
manifestation), I suggest reinstalling the gcc to match
your operating system release.

```

EOM
;;
*) gccosandvers=" ;; # failed to parse, better be silent
esac
;;
esac
case "$ccname" in
") ccname="$cc" ;;
esac

```

gcc 3.* complain about adding -Idirectories that they already know about,
so we will take those off from locincpth.

```

case "$gccversion" in
3*)
    echo "main(){}">try.c
    for incdir in $locincpth; do
        warn=`$cc $ccflags -I$incdir -c try.c 2>&1 | \
        grep '^c[cp]p*[01]: warning: changing search
order `
        if test "X$warn" != X; then
            locincpth=`echo " $locincpth " | sed "s! $incdir ! !"`
        fi
    done
    $rm -f try try.*
esac

```

```

# gcc 4.9 by default does some optimizations that break perl.
# see ticket 121505.
#
# The -fwrapv disables those optimizations (and probably others,) so
# for gcc 4.9 (and later, since the optimizations probably won't go
# away), add -fwrapv unless the user requests -fno-wrapv, which
# disables -fwrapv, or if the user requests -fsanitize=undefined,
# which turns the overflows -fwrapv ignores into runtime errors.
case "$gccversion" in
4.[3-9].*|4.[1-9][0-9]*|[5-9].*[1-9][0-9]*)
    case "$ccflags" in
        *-fno-wrapv*|*-fsanitize=undefined*|*-fwrapv*) ;;
        *) ccflags="$ccflags -fwrapv" ;;
    esac
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/gccvers.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_fp_class.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_fp_class: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_fp_class:

?S: This variable conditionally defines the I_FP_CLASS symbol, and indicates

?S: whether a C program should include <fp_class.h>.

?S:.

?C:I_FP_CLASS:

?C: This symbol, if defined, indicates that <fp_class.h> exists and

?C: should be included.

?C:.

?H:#\$i_fp_class I_FP_CLASS /**/

?H:.

?LINT:set i_fp_class

: see if this is a fp_class.h system

set fp_class.h i_fp_class

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_fp_class.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_scalbnl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_scalbnl:

?S: This variable conditionally defines the HAS_SCALBNL symbol, which

?S: indicates to the C program that the scalbnl() routine is available.

?S: If ilogbl is also present we can emulate frexpl.

?S:.

?C:HAS_SCALBNL:

?C: This symbol, if defined, indicates that the scalbnl routine is

?C: available. If ilogbl is also present we can emulate frexpl.

?C:.

?H:#\$d_scalbnl HAS_SCALBNL /**/

?H:.

?LINT:set d_scalbnl

: see if scalbnl exists

set scalbnl d_scalbnl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_scalbnl.U

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?RCS: \$Id\$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_ctime64 d_localtime64 d_gmtime64 d_mktime64 d_difftime64 d_asctime64: Inlibc

?MAKE: -pick add \$@ %<

?S:d_ctime64:

?S: This variable conditionally defines the HAS_CTIME64 symbol, which

?S: indicates to the C program that the ctime64 () routine is available.

?S:.

?S:d_localtime64:

?S: This variable conditionally defines the HAS_LOCALTIME64 symbol, which

?S: indicates to the C program that the localtime64 () routine is available.

?S:.

?S:d_gmtime64:

?S: This variable conditionally defines the HAS_GMTIME64 symbol, which

?S: indicates to the C program that the gmtime64 () routine is available.

?S:.

?S:d_mktime64:

?S: This variable conditionally defines the HAS_MKTIME64 symbol, which

?S: indicates to the

C program that the mktime64 () routine is available.

?S:.

?S:d_difftime64:

?S: This variable conditionally defines the HAS_DIFFTIME64 symbol, which

?S: indicates to the C program that the difftime64 () routine is available.

?S:.

?S:d_asctime64:

?S: This variable conditionally defines the HAS_ASCTIME64 symbol, which

?S: indicates to the C program that the asctime64 () routine is available.

?S:.

?C:HAS_CTIME64:

?C: This symbol, if defined, indicates that the ctime64 () routine is

?C: available to do the 64bit variant of ctime ()

?C:.

?C:HAS_LOCALTIME64:

?C: This symbol, if defined, indicates that the localtime64 () routine is

?C: available to do the 64bit variant of localtime ()

?C:.

?C:HAS_GMTIME64:

?C: This symbol, if defined, indicates that the gmtime64 () routine is

?C: available to do the 64bit variant of gmtime ()

?C:.

?C:HAS_MKTIME64:

?C: This symbol, if defined, indicates that the mktime64 () routine is

?C: available to do the 64bit variant of mktime ()

?C:.

?C:HAS_DIFFTIME64:

?C: This

symbol, if defined, indicates that the difftime64 () routine is

?C: available to do the 64bit variant of difftime ()

?C:.

?C:HAS_ASCTIME64:

?C: This symbol, if defined, indicates that the asctime64 () routine is

?C: available to do the 64bit variant of asctime ()

?C:.

?H:#\$d_ctime64 HAS_CTIME64 /**/

?H:#\$d_localtime64 HAS_LOCALTIME64 /**/

?H:#\$d_gmtime64 HAS_GMTIME64 /**/

?H:#\$d_mktime64 HAS_MKTIME64 /**/

?H:#\$d_difftime64 HAS_DIFFTIME64 /**/

?H:#\$d_asctime64 HAS_ASCTIME64 /**/

?H:.

?LINT:set d_ctime64 d_localtime64 d_gmtime64 d_mktime64 d_difftime64 d_asctime64

: see if 64bit time functions exists

set ctime64 d_ctime64

eval \$inlibc

set localtime64 d_localtime64

eval \$inlibc

set gmtime64 d_gmtime64

eval \$inlibc

set mktime64 d_mktime64

eval \$inlibc

set difftime64 d_difftime64

eval \$inlibc

set asctime64 d_asctime64

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_timefuncs64.U

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2012-2012, H.Merijn Brand

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

```

?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: H.Merijn Brand
?RCS:
?MAKE:d_isblank: cc cat ccflags ldflags rm libs Setvar
?MAKE: -pick add $@ %<
?S:d_isblank:
?S: This variable conditionally defines the HAS_ISBLANK constant,
?S: which indicates to the C program that isblank() is available.
?S:.
?C:HAS_ISBLANK:
?C: This manifest constant lets the C program know that isblank
?C: is available.
?C:.
?H:#$d_isblank HAS_ISBLANK /**/
?H:.
?LINT:set d_isblank
?X: Can't use Inlibc because isblank() might be a macro.
: Look for isblank
echo " "
$cat >isblank.c <<'EOCP'
#include
<stdio.h>
#include <ctype.h>
int main() {
int c = ' ';
if (isblank(c))
return 0 ;
else
return 1 ;
}
EOCP
if $cc $ccflags $ldflags -o isblank isblank.c $libs >/dev/null 2>&1 ; then
echo "isblank() found." >&4
val="$define"
else
echo "isblank() NOT found." >&4
val="$undef"
fi
set d_isblank
eval $setvar
$rm -f isblank*

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isblank.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Csym.U,v $
?RCS: Revision 3.0.1.4 1995/07/25 13:36:29 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS: patch56: added quotes for OS/2 support
?RCS:
?RCS: Revision 3.0.1.3 1995/05/12 12:00:33 ram
?RCS: patch54: fixed C test program to bypass gcc builtin type checks (ADO)
?RCS:
?RCS: Revision 3.0.1.2 1994/10/31 09:34:13 ram
?RCS: patch44: added Options to the MAKE line since it's no longer in Init.U
?RCS:
?RCS: Revision 3.0.1.1 1993/08/25 14:00:05 ram
?RCS:
?RCS: patch6: added ldflags as a conditional dependency and to compile line
?RCS: patch6: a final double quote was missing in csym variable after eval
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:50 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:Csym: Options contains libc libs runnm +cc +ccflags +ldflags rm
?MAKE:-pick add $@ %<
?LINT:define csym
?LINT:use libc
?S:csym:
?S: This shell variable is used internally by Configure to check
?S: wether a given C symbol is defined or not. A typical use is:
?S: set symbol result [-fva] [previous]
?S: eval $csym
?S: That will set result to 'true' if the function [-f], variable [-v]
?S: or array [-a] is defined, 'false' otherwise. If a previous value is
?S: given and the -r flag was provided on the command line, that value
?S: is reused without questioning.
?S:.
?V:csym
?T:tval tx tlook tf tdc tc
: is a C symbol defined?
csym='tlook=$1;
case "$3" in

```

```

-v) tf=libc.tmp; tc=""; tdc="";;
-a) tf=libc.tmp; tc="[0]"; tdc="[]";;
*) tlook="^$1\$";
   tf=libc.list; tc=""; tdc="()";;
esac;
tx=yes;
case "$reuseval-$4" in
true-) ;;
true-*) tx=no; eval "tval=\$$4"; case "$tval" in "") tx=yes;; esac;;
esac;
case "$tx" in
yes)
case "$runnm" in
true)
if $contains $tlook $tf >/dev/null 2>&1;
then tval=true;
else tval=false;
fi;;
*)
?X:
?X: We use 'char' instead of 'int' to try to circumvent overzealous
?X: optimizing compilers using built-in prototypes for commonly used
?X: routines to complain when seeing a different external declaration. For
?X: instance, gcc 2.6.3 fails if we use 'int' and we attempt a test against
?X: memcpy() on machines where sizeof(int) == sizeof(char *) (the usual return
?X: type), the compiler assuming it's a built-in declaration given that the
?X: returned size matches. At least with 'char' we are safe! -- RAM, for ADO
?X:
?X: Let's thank GNU cc for making our lifes so easy! :-)
?X: (An alternative for the future would be to use our knowledge about gcc
?X: to force a -fno-builtin option in the
?X: compile test, in case the 'char'
?X: trick is obsoleted by future gcc releases). -- RAM
?X:
?X: Lastly, gcc 3.4 otimizes &missing == 0 away, so we use + 2 instead now.
?X: The GNU folks like to do weird things, don't they? -- RAM, 2004-06-05
?X:
echo "extern char $1$tdc; int main() { return &$1$tc + 2; }" > t.c;
if $cc $ccflags $ldflags -o t.c $libs >/dev/null 2>&1;
then tval=true;
else tval=false;
fi;
$rm -f t.c.;
esac;;
*)
case "$tval" in
$define) tval=true;;
*) tval=false;;

```

```
esac;;
esac;
eval "$2=$tval"
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Csym.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: rootid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: rootid.U,v $
?RCS: Revision 3.0.1.1 1995/01/30 14:45:36 ram
?RCS: patch49: now only prints a single empty line when outputting something
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:42 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:rootid: sed
?MAKE: -pick add $@ %<
?S:rootid:
?S: This variable contains the eventual value of the ROOTID symbol,
?S: which is the uid of root.
?S:.
?C:ROOTID:
?C: This symbol contains the uid of root, normally
0.
?C:.
?H:#define ROOTID $rootid /**/
?H:.
: determine root id
rootid=`$sed -e "/^root:/{s/^[^:]*:[^:]*\([[:^:]]*\).*""$""\1/" -e "q" -e "}" -e "d" </etc/passwd
case "$rootid" in
") rootid=0 ;;
*) echo " "; echo "Root uid = $rootid" >&4 ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/rootid.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_uwait.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_uwait.U,v $
?RCS: Revision 3.0.1.1 1994/01/24 14:10:49 ram
?RCS: patch16: added knowledge about wait3()
?RCS: patch16: revised 'union wait' look-up algorithm
?RCS: patch16: fixed make dependency line accordingly
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:54 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_uwait d_uwait3: cat contains cppstdin cppminus +cppflags rm \
Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_uwait:
?S: This symbol
conditionally defines UNION_WAIT which indicates to the C
?S: program that argument for the wait() system call should be declared as
?S: 'union wait status' instead of 'int status'.
?S:.
?S:d_uwait3:
?S: This symbol conditionally defines UNION_WAIT3 which indicates to the C
?S: program that the first argument for the wait3() system call should be
?S: declared as 'union wait status' instead of 'int status'.
?S:.
?C:UNION_WAIT:
?C: This symbol if defined indicates to the C program that the argument
?C: for the wait() system call should be declared as 'union wait status'
?C: instead of 'int status'. You probably need to include <sys/wait.h>
?C: in the former case (see I_SYSWAIT).
?C:.
?C:UNION_WAIT3:
?C: This symbol if defined indicates to the C program that the first argument
?C: for the wait3() system call should be declared as 'union wait status'
?C: instead of 'int status'. You probably need to include <sys/wait.h>
?C: in the former case (see I_SYSWAIT). It seems safe to assume that
the
?C: same rule applies to the second parameter of wait4().
```

```

?C:.
?H:#$d_uwait UNION_WAIT /**/
?H:#$d_uwait3 UNION_WAIT3 /**/
?H:.
?T:val2 flags f also
?LINT:set d_uwait d_uwait3
: see if union wait is available
echo " "
?X:
?X: Unfortunately, we can't just grep <sys/wait.h> for "union wait" because
?X: some weird systems (did I hear HP-UX?) define union wait only when _BSD
?X: is defined. The same thing happens on OSF/1, who is pushing weirdness to
?X: its limits by requiring wait() to use (int *) but wait3() to use
?X: (union wait *), unless _BSD is defined and -lbsd is used, in which case
?X: wait() also expects (union wait *). Aaargh!--RAM
?X:
set X $cppflags
shift
flags="
also="
for f in $*; do
case "$f" in
*NO_PROTO*) ;;
*) flags="$flags $f";;
esac
done
$cat `./findhdr sys/wait.h` /dev/null | \
$cppstdin $flags $cppminus >wait.out 2>/dev/null
if $contains 'union.*wait.*{' wait.out >/dev/null 2>&1 ; then
echo "Looks like your <sys/wait.h> knows about 'union wait'..."
>&4
val="$define"
@if UNION_WAIT
also='also '
if $contains 'extern.*wait[ ]*([ ]*int' wait.out >/dev/null 2>&1
then
echo "But wait() seems to expect an 'int' pointer (POSIX way)." >&4
val="$undef"
also="
elif $contains 'extern.*wait[ ]*([ ]*union' wait.out >/dev/null 2>&1
then
echo "And indeed wait() expects an 'union wait' pointer (BSD way)." >&4
else
echo "So we'll use that for wait()." >&4
fi
@end
@if UNION_WAIT3 || d_uwait3
val2="$define"

```



```

@end
@if UNION_WAIT3
if $contains 'extern.*wait3[ ]*([ ]*int' wait.out >/dev/null 2>&1
then
echo "However wait3() seems to expect an 'int' pointer, weird." >&4
val2="$undef"
elif $contains 'extern.*wait3[ ]*([ ]*union' wait.out >/dev/null 2>&1
then
echo "And wait3() ${also}expects an 'union wait' pointer, fine." >&4
else
echo "As expected, wait3() ${also}uses an 'union wait' pointer." >&4
fi
@end
else
echo "No trace of 'union wait' in <sys/wait.h>..." >&4
val="$undef"
@if UNION_WAIT && UNION_WAIT3
echo
"Both wait() and wait3() will use a plain 'int' pointer then." >&4
@elseif UNION_WAIT
echo "Your wait() should be happy with a plain 'int' pointer." >&4
@elseif UNION_WAIT3
echo "Your wait3() should be happy with a plain 'int' pointer." >&4
@end
fi
set d_uwait
eval $setvar
@if UNION_WAIT3 || d_uwait3
val="$val2"; set d_uwait3
eval $setvar
@end
$rm -f wait.out

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_uwait.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Myread.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Myread.U,v \$

?RCS: Revision 3.0.1.6 1997/02/28 15:05:39 ram

?RCS: patch61: myread script now starts with a "startsh"

?RCS: patch61: miscellaneous fixes

?RCS:

?RCS: Revision 3.0.1.5 1995/01/11 15:14:22 ram

?RCS: patch45: added & escape allowing user to turn on -d from the prompt

?RCS:

?RCS: Revision 3.0.1.4 1994/10/31 09:48:04 ram

?RCS: patch44: added Options to the MAKE line since it's no longer in Init.U

?RCS:

?RCS: Revision 3.0.1.3 1994/10/29
15:56:20 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0.1.2 1993/08/30 08:57:59 ram

?RCS: patch8: added new visible 'nostick' symbol, mainly for Finish.U

?RCS:

?RCS: Revision 3.0.1.1 1993/08/27 14:39:20 ram

?RCS: patch7: now sticks to the question when no default and empty answer

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:08 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit produces a bit of shell code that must be dotted in in order
?X: to do a read. It allows for shell escapes, default assignment and
?X: parameter evaluation.

?X:

?X: To use this unit, \$rp and \$dflt must hold the question and the
?X: default answer. The question will be printed by the script itself.

?X: Neither \$rp nor \$dflt is altered by the script.

?X:

?X: The myread script will stick to the question if no default is proposed
?X: and the user answer is empty, which prevents mistakes. However, at the
?X: end of Configure, there is an exception
to this rule (Finish.U) where we
?X: set nostick to a non-empty value to allow the Return key to play its role!

?X:

?MAKE:Myread: Options startsh n c trnl

?MAKE: -pick add \$@ %<

?V:ans:dflt rp nostick

?F:./myread

?T:COLUMNS xxxm rp dflt answ aok myecho

?LINT:change fastread

?X: Some shells (Ultrix) do not understand \${COLUMNS:-80}, sigh!
: compute the number of columns on the terminal for proper question formatting
case "\$COLUMNS" in

```
) COLUMNS='80';
```

```
esac
```

```
: set up the echo used in my read
```

```
?X:
```

```
?X: This variable is intended to be eval'ed. It will echo the two
```

```
?X: variables $rp and $dflt (provided this latter has a non null value).
```

```
?X: It is mainly used by the myread script to echo the questions.
```

```
?X:
```

```
?X: The $n and $c below are substituted before Loc does its silly echo check
```

```
?X: so don't put a $ on the echo below so we get builtin, even if $echo is
```

```
?X: pointing to /bin/echo.
```

```
?X:
```

```
myecho="case \"\${xxxm}\" in
```

```
) echo $n \"\${rp} $c\" >&4;;
```

```
*) case \"\${rp}\" in
```

```
) echo $n \"[\${xxxm}] $c\";;
```

```
*)
```

```
if
```

```
test \"echo \"\${rp} [\${xxxm}] \" | wc -c\" -ge $COLUMNS; then
```

```
echo \"\${rp}\" >&4
```

```
echo $n \"[\${xxxm}] $c\" >&4
```

```
else
```

```
echo $n \"\${rp} [\${xxxm}] $c\" >&4
```

```
fi
```

```
::
```

```
esac;;
```

```
esac"
```

```
: now set up to do reads with possible shell escape and default assignment
```

```
cat <<EOSC >myread
```

```
$startsh
```

```
?X:
```

```
?X: Save value of default -- do not alter original in case of eval
```

```
?X:
```

```
xxxm=\${dflt}
```

```
$myecho
```

```
?X:
```

```
?X: If there is no default, then stop, regardless of the value in fastread.
```

```
?X: In silent mode, no new-line is to be echoed if the question is empty,
```

```
?X: since this is used to wait for the "return" key.
```

```
?X:
```

```
ans='!'
```

```
case \"\${fastread}\" in
```

```
yes) case \"\${dflt}\" in
```

```
) ;;
```

```
*) ans=";
```

```
case \"\${silent}-\${rp}\" in
```

```

true-) ;;
*) echo " " >&4;;
esac;;
esac;;
*) case "\$silent" in
true) case "\$rp" in
") ans=";;
esac;;
esac;;
esac
while expr "X\$ans" : "X!" >/dev/null; do
read answ
?X:
?X: Run 'eval' on the answer, in order to do variable substitution, in case
?X: the user types $HOME or $WHATEVER.
Variables must be evaluated now.
?X: Typing '$HOME' won't currently prevent from substitution -- use '\$HOME'
?X: The $1 .. $9 and $*, as well as $@, are available to refer to the
?X: default value.
?X:
set x \$xxxm
shift
aok="; eval "ans=\\\"\$answ\\\" && aok=y
case "\$answ" in
?X:
?X: Use "!" and not a plain ! because of a bug in BSD 4.4 shell
?X: (reported by Wayne Davison)
?X: We must handle the shell escapes before dealing with possible variable
?X: substitution, since the shell we're launching in that case will be able
?X: to do it as well as we can -- RAM, 15/03/96
?X
"!")
sh 1>&4
echo " "
$myecho
;;
!*)
set x `expr "X\$ans" : "X!(.*)" \$`\
shift
sh 1>&4 -c "\$*"
echo " "
$myecho
;;
"\$ans")
case "\$ans" in
?X:
?X: Answers starting with & are hooks allowing to dynamically turn on/off
?X: some Configure options. That's for the future. -- RAM, 09/01/95

```

?X: Today, we only recognize '& -d' to mean 'go on as if Configure -d, which

?X: is a hardwired

behaviour compatible with our general scheme.

?X:

```
\\&*)
set x `expr "X\$ans" : "X&{(.*)\$" `
shift
case "\$1" in
-d)
  fastread=yes
  echo "(OK, I'll run with -d after this question.)" >&4
  ;;
-*)
  echo "*** Sorry, \$1 not supported yet." >&4
  ;;
esac
$myecho
ans=!
;;
esac;;
*)
case "\$aok" in
y)
  echo "*** Substitution done -- please confirm."
  xxxm="\$ans"
  ans=`echo \$n "\$ans$c" | tr '$trnl' ' `
  xxxm="\$ans"
  ans=!
  ;;
*)
  echo "*** Error -- try again."
  ans=!
  ;;
esac
$myecho
;;
esac
done
case "\$ans" in
") ans="\$xxxm";;
esac
```

?X: Stick in myread if no default answer and nothing was answered

case "\\$ans\\$xxxm\\$nostick" in

")

ans=!

\$myecho

;;

esac

done

case "\\$ans" in

") ans="\\$xxxm";;

esac

EOSC

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Myread.U

No license file was found, but licenses were detected in source scan.

```
# $Id: errnolist.sh,v 3.0.1.1 1994/01/24 14:00:00 ram Exp ram $
#
# Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
#
# You may redistribute only under the terms of the Artistic Licence,
# as specified in the README file that comes with the distribution.
# You may reuse parts of this distribution only within the terms of
# that same Artistic Licence; a copy of which may be found at the root
# of the source tree for dist 4.0.
#
# Original Author: Harlan Stenn <harlan@mumps.pfcs.com>
#
# $Log: errnolist.sh,v $
# Revision 3.0.1.1 1994/01/24 14:00:00 ram
# patch16: changed top ln-style config.sh lookup into test-style one
#
# Revision 3.0 1993/08/18 12:04:36 ram
# Baseline for dist 3.0 netwide release.
#
```

```
case $CONFIG in
")
if test -f config.sh; then TOP=.;
elif test -f ../config.sh; then TOP=..;
elif test -f ../../config.sh; then TOP=../../;
elif test -f ../../../config.sh; then TOP=../../../;
elif
test -f ../../../../config.sh; then TOP=../../../../;
else
echo "Can't find config.sh."; exit 1
fi
. $TOP/config.sh
;;
esac
case "$0" in
*/*) cd `expr X$0 : 'X\(.*/'` ;;
esac
case "$Serrnolistic" in
") ;;
*)
echo "Making $Serrnolistic ..."
```

```
awk -f errnolist.a < /usr/include/sys/errno.h > $errnolistic
echo "It would be a good idea to make sure that $errnolistic is correct."
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/errnolist.SH
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2014, H.Merijn Brand

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_backtrace.U,v \$

?RCS:

?MAKE:d_backtrace: Inlibc

?MAKE: -pick add \$@ %<

?S:d_backtrace:

?S: This variable conditionally defines the HAS_BACKTRACE symbol, which

?S: indicates to the C program that the backtrace() routine is available

?S: to get a stack trace.

?S:.

?C:HAS_BACKTRACE:

?C: This symbol, if defined, indicates that the backtrace() routine is

?C: available to get a stack trace. The <execinfo.h> header must be

?C: included to use this routine.

?C:.

?H:#\$d_backtrace HAS_BACKTRACE /**/

?H:.

?LINT:set d_backtrace

:

see if backtrace exists

set backtrace d_backtrace

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_backtrace.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_ctermid_r.U,v ORCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_ctermid_r ctermid_r_proto: Inlibc Protochk Hasproto i_systypes \
usethreads extern_C
?MAKE: -pick add \$@ %<
?S:d_ctermid_r:
?S: This variable conditionally defines the HAS_CTERMID_R symbol,
?S: which indicates to the C program that the ctermid_r()
?S: routine is available.
?S:.
?S:ctermid_r_proto:
?S: This variable encodes the prototype of ctermid_r.
?S: It is zero if d_ctermid_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ctermid_r
?S: is defined.
?S:.
?C:HAS_CTERMID_R:
?C: This symbol, if defined, indicates that the ctermid_r routine
?C: is available to ctermid re-entrantly.
?C:.
?C:CTERMID_R_PROTO:
?C: This
symbol encodes the prototype of ctermid_r.
?C: It is zero if d_ctermid_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ctermid_r
?C: is defined.
?C:.
?H:#\$d_ctermid_r HAS_CTERMID_R /**/
?H:#define CTERMID_R_PROTO \$ctermid_r_proto /**/
?H:.
?T:try hdrs d_ctermid_r_proto
: see if ctermid_r exists
set ctermid_r d_ctermid_r
eval \$inlibc
case "\$d_ctermid_r" in
"\$define")
hdrs="\$i_systypes sys/types.h define stdio.h "
case "\$d_ctermid_r_proto:\$usethreads" in
":define") d_ctermid_r_proto=define
set d_ctermid_r_proto ctermid_r \$hdrs
eval \$hasproto ;;
*) ;;
esac
case "\$d_ctermid_r_proto" in


```

define)
case "$ctermid_r_proto" in
"|0) try='char* ctermid_r(char*);'
./protochk "$extern_C $try" $hdrs && ctermid_r_proto=B_B ;;
esac
case "$ctermid_r_proto" in
"|0) d_ctermid_r=undef
ctermid_r_proto=0
echo "Disabling ctermid_r, cannot determine prototype." >&4 ;;
*) case "$ctermid_r_proto" in
REENTRANT_PROTO*) ;;
*)
ctermid_r_proto="REENTRANT_PROTO_${ctermid_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "ctermid_r has no prototype, not using it." >&4 ;;
esac
d_ctermid_r=undef
ctermid_r_proto=0
;;
esac
;;
*) ctermid_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_ctermid_r.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: afs.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: afs.U,v $
```

```
?RCS: Revision 3.0.1.2 1997/02/28 15:23:06 ram
```

```
?RCS: patch61: can now explicitly tell Configure whether AFS is running
```

```
?RCS:
```

```

?RCS: Revision 3.0.1.1 1993/08/24 12:24:43 ram
?RCS: patch3: created
?RCS:
?MAKE:afs afsroot: test
?MAKE: -pick add $@ %<
?S:afs:
?S: This variable is set to 'true' if AFS (Andrew File System) is used
?S: on the system, 'false' otherwise. It is possible to override this
?S: with a hint value or command line option,
but you'd better know
?S: what you are doing.
?S:.
?S:afsroot:
?S: This variable is by default set to '/afs'. In the unlikely case
?S: this is not the correct root, it is possible to override this with
?S: a hint value or command line option. This will be used in subsequent
?S: tests for AFSness in the configure and test process.
?S:.
: allow them to override the AFS root
case "$afsroot" in
") afsroot=/afs ;;
*) afsroot=$afsroot ;;
esac

: is AFS running?
echo " "
case "$afs" in
$define|true) afs=true ;;
$undef|false) afs=false ;;
*) if $test -d $afsroot; then
afs=true
else
afs=false
fi
;;
esac
if $afs; then
echo "AFS may be running... I'll be extra cautious then..." >&4
else
echo "AFS does not seem to be running..." >&4
fi

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/afs.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id$

```

?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: libs.U,v \$
?RCS: Revision 3.0.1.6 1997/02/28 16:09:11 ram
?RCS: patch61: replaced .a with \$_a all over the place
?RCS:
?RCS: Revision 3.0.1.5 1995/07/25 14:12:05 ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.4 1994/10/29 16:24:22 ram
?RCS: patch36: removed old broken thislib/thatlib processing (ADO)
?RCS:
?RCS: Revision 3.0.1.3 1994/06/20 07:05:44 ram
?RCS: patch30: code cleanup with if/elif by ADO and RAM
?RCS: patch30: undone patch23 for libswanted default
setting
?RCS:
?RCS: Revision 3.0.1.2 1994/05/06 15:08:45 ram
?RCS: patch23: now includes ordered default libswanted variable (ADO)
?RCS: patch23: major cleanup for library lookups (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1993/08/25 14:02:31 ram
?RCS: patch6: added default for libs
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:03 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libs libsfound libsfiles libsdirs libspath libscheck: \
test cat Myread Oldconfig Loc libpth package xlibpth so _a \
+usesocks sed +cc +ccflags +ldflags rm
?MAKE: -pick add \$@ %<
?S:libs:
?S: This variable holds the additional libraries we want to use.
?S: It is up to the Makefile to deal with it. The list can be empty.
?S:.
?S:libsfound:
?S: This variable holds the full pathnames of the libraries
?S: we found and accepted.
?S:.
?S:libsfiles:
?S: This variable holds the filenames aka basenames of the libraries

?S: we found and accepted.

?S:.

?S:libsdirs:

?S: This variable holds the directory names aka dirnames of the libraries

?S: we found and accepted, duplicates are removed.

?S:.

?S:libspath:

?S: This variable holds the directory names probed for libraries.

?S:.

?S:libscheck:

?S: This variable is intended to be set by hint files, if needed.

?S: It should contain shell code that will be eval'ed with \$xxx holding

?S: some library file. It may change \$xxx if needed.

?S: For instance, on an Irix platform, you may make sure the right

?S: library file is used depending on the cc command line, so that the

?S: correct library is used depending on the selected ABI (for 32 and

?S: 64-bit compilations).

?S:

?S: Here is an example of code that could be found in a hint file on Irix

?S: when the selected compiler was for 32-bit -- that code is put in the

?S: cc.cbu call-back unit to be invoked AFTER the C compiler and its

?S: flags have been chosen:

?S:

?S: libscheck='case "\$xxx" in

?S: *.a) /bin/ar p \$xxx `bin/ar t \$xxx | sed q` >\$\$;.o;

?S: case "`usr/bin/file \$\$;.o`" in

?S: *N32*)

rm -f \$\$;.o ;;

?S: *) rm -f \$\$;.o; xxx=/no/n32\$xxx ;;

?S: esac ;;

?S: *) case "`usr/bin/file \$xxx`" in

?S: *N32*) ;;

?S: *) xxx=/no/n32\$xxx ;;

?S: esac ;;

?S: esac'

?S:.

?D:libs="

?LINT:extern libswanted

?LINT:change libswanted

?INIT:: default library list

?INIT:libswanted="

?X: This order is chosen so that libraries -lindir, -ldir, -lucb, -lbsd,

?X: -lbsd, -lPW, and -lx only get used if there are unresolved

?X: routines at link time. Usually, these are backwards compatability

?X: libraries, and may not be as reliable as the standard c library.

?X:

?X: The -lsocket -linet -lnsl order has been reported to be necessary

?X: for at least one SVR4 implementation.

?X: -lc must precede -lucb or -lbsd for most Solaris applications.

?X: -lc_s proceeds -lc so we pick up the shared library version, if

?X: it is available.

?X:

?X: The ordering of c, posix, and cposix is a guess and almost

?X: certainly wrong on about half of all systems.

?X:

?X: Set proper libswanted in your private

Myinit.U if needed.

?X:

?X:: default ordered library list

?X:libswanted='net socket inet bind nsl nm sdbm gdbm ndbm dbm malloc dl'

?X:libswanted="\$libswanted dld sun m c_s c posix cposix ndir dir ucb"

?X:libswanted="\$libswanted bsd BSD PW x"

?X:

?INIT:: should be set by hint files if needed

?INIT:libscheck="

?T:xxx yyy thislib thisdir libstyle linkmsg

?F:lt.c lt

: Looking for optional libraries

echo " "

echo "Checking for optional libraries..." >&4

case "\$libs" in

'|') dflt="";;

*) dflt="\$libs";;

esac

case "\$libswanted" in

") libswanted='c_s';;

esac

?X: libsocks has nasty naming scheme.

?X: This does not work if somebody wants SOCKS 4.

case "\$susesocks" in

"\$define") libswanted="\$libswanted socks5 socks5_sh" ;;

esac

?X: Used later for link checks

echo "extern char printf(); int main() { printf(); return 0; }" > lt.c

libsfound="

libsfiles="

libsdirs="

libspath="

for thisdir in \$libpth \$xlibpth; do

test -d \$thisdir && libspath="\$libspath \$thisdir"

done

for thislib in \$libswanted;

do

for thisdir in \$libspath; do

xxx="

```

    if $test ! -f "$xxx" ; then
xxx=`ls $thisdir/lib$thislib.$so.[0-9]* 2>/dev/null | $sed -n '1p'`
$test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=shared
    fi
    if test ! -f "$xxx"; then
xxx=$thisdir/lib$thislib.$so
$test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=shared
    fi
    if test ! -f "$xxx"; then
xxx=$thisdir/lib$thislib$_a
    $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=static
    fi
    if test ! -f "$xxx"; then
xxx=$thisdir/$thislib$_a
    $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=static
    fi
    if test ! -f "$xxx"; then
xxx=$thisdir/lib${thislib}_s$_a
    $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=static
$test -f "$xxx" && thislib=${thislib}_s
    fi
    if test ! -f "$xxx"; then
xxx=$thisdir/Slib$thislib$_a
    $test -f "$xxx" && eval $libscheck
$test
-f "$xxx" && libstyle=static
    fi
    if $test -f "$xxx"; then
?X:
?X: It is not sufficient to find a .so on the disk. We must make sure
?X: that we can indeed supply the -lfoo line on the cc line to link against
?X: that library. On Linux for instance, a versionned .so will not be
?X: implicitly linked against, whereas it will work fine on Solaris 2.6.
?X: --RAM, 10/10/2003
?X:
if $cc -o lt $ccflags $ldflags lt.c -l$thislib >/dev/null 2>&1;
then
    linkmsg=""
else
    linkmsg=" but I can't link against it"
fi
case "$libstyle" in
shared) echo "Found -l$thislib (shared)$linkmsg." ;;

```

```

static) echo "Found -l$thislib$linkmsg." ;;
*)    echo "Found -l$thislib ($libstyle)$linkmsg." ;;
esac
case " $dflt " in
*"-l$thislib "*) ;;
*)
case "$linkmsg" in
")
dflt="$dflt -l$thislib"
libsfound="$libsfound $xxx"
yyy=`basename $xxx`
libsfiles="$libsfiles $yyy"
yyy=`echo $xxx|sed -e "s%/$yyy\\|\\$%"`
case " $libsdirs
" in
*" $yyy "*) ;;
*) libsdirs="$libsdirs $yyy" ;;
esac
;;
esac
;;
esac
break
fi
done
if $test ! -f "$xxx"; then
    echo "No -l$thislib."
fi
done
set X $dflt
shift
dflt="$*"
case "$libs" in
") dflt="$dflt";;
*) dflt="$libs";;
esac
case "$dflt" in
'|') dflt='none';;
esac
$rm -f lt.c lt

$cat <<EOM

```

In order to compile \$package on your machine, a number of libraries are usually needed. Include any other special libraries here as well. Say "none" for none. The default list is almost always right.

EOM

```
echo " "  
rp="Which libraries to use?"  
./myread  
case "$ans" in  
none) libs=' ';;  
*) libs="$ans";;  
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libs.U
```

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS: Copyright (c) 2019, Karl Williamson

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:d_setlocale d_setlocale_accepts_any_locale_name d_has_C_UTF8: cat Compile run rm_try i_locale
i_wctype d_towupper

?MAKE: -pick add \$@ %<

?S:d_has_C_UTF8:

?S: This variable is set to either "true" or "false" depending on

?S: whether the compilation system supports the C.UTF-8 locale.

?S:.

?S:d_setlocale:

?S: This variable conditionally defines HAS_SETLOCALE if setlocale() is

?S: available to handle locale-specific ctype implementations.

?S:.

?S:d_setlocale_accepts_any_locale_name:

?S: This

variable conditionally defines SETLOCALE_ACCEPTS_ANY_LOCALE_NAME

?S: if setlocale() accepts any locale name.

?S:.

?C:HAS_SETLOCALE:

?C: This symbol, if defined, indicates that the setlocale routine is

?C: available to handle locale-specific ctype implementations.

?C:.

?C:SETLOCALE_ACCEPTS_ANY_LOCALE_NAME:

?C: This symbol, if defined, indicates that the setlocale routine is

?C: available and it accepts any input locale name as valid.

?C:.

?H:#\$d_setlocale HAS_SETLOCALE /**/

?H:#\$d_setlocale_accepts_any_locale_name SETLOCALE_ACCEPTS_ANY_LOCALE_NAME /**/


```
?H:
?F:!try
?T:LC_CTYPE
: check for setlocale function and behavior
$cat <<EOM
```

Checking to see if you have setlocale() and its behavior

EOM

```
$cat >try.c <<EOCP
#include <stdlib.h>
#include <string.h>
#ifdef I_LOCALE
#include <locale.h>
#endif
#ifdef I_WCTYPE
#include <wctype.h>
#endif

int main() {
    const char * invalid_name = "\a"; /* This is really invalid! */
    int accepts_any_locale_name
= 0;
    int has_C_UTF8 = 0;
    unsigned char bad_setlocale = 255;

    /* If LC_CTYPE isn't defined the compilation will fail, and locales will be
    * disabled. It's hard to imagine an instance where meaningful locale
    * handling could be done without LC_CTYPE */
    const char * name = setlocale(LC_CTYPE, "C");

    if (name == NULL || strcmp(name, "C") != 0) {
        exit(bad_setlocale);
    }

    name = setlocale(LC_CTYPE, invalid_name);
    if (name != NULL) {

        /* Let it pass if it accepts the name but gives back one of the C
        * locales */
        if (strcmp(name, "C") != 0 && strcmp(name, "C.UTF-8") != 0) {
            accepts_any_locale_name = 1;
        }
    }

    name = setlocale(LC_CTYPE, "C.UTF-8");
    if (name != NULL) {
```

```

unsigned char y_with_diaeresis = ('A' == 193) ? 0xDF : 0xFF;

#$d_towupper HAS_TOWUPPER
#ifdef HAS_TOWUPPER

    /* We assume that if the machine doesn't have the C99 towupper, it
    * doesn't
    have C.UTF-8, even if we successfully changed locales to
    * include it. This seems safer even on platforms that didn't accept
    * the really invalid name */

    if (towupper(y_with_diaeresis) == 0x178) {
        has_C_UTF8 = 1;
    }

#endif

}

#if 0

    /* Currently unused code to determine if LC_ALL with disparate values uses
    * category = value pairs or positional, and to determine the separator
    * between the categories. We could add code so that if the separator were
    * > '9', we subtract 10; similarly for 'Z' and 'z', and then just about
    * every possible ASCII separator would fit in the 5 bits available in the
    * exit code. This would not be true in EBCDIC. And then if LC_ALL is
    * positional, we probably would want to know the order of the categories.
    * Using a file between the C program and the shell script would really be
    * require to do that */
#endif
#ifdef LC_ALL

    unsigned char min_separator = ' ' - 1;
    unsigned char separator = min_separator;
    int uses_name_value_pair_names = 0;

    name = setlocale(LC_ALL, "C");
    if (name == NULL || strcmp(name, "C") != 0) {
        exit(bad_setlocale);
    }

    if (has_C_UTF8) {
        char * pos;

        name = setlocale(LC_CTYPE, "C.UTF-8");
        if (name == NULL) {
            exit(bad_setlocale);
        }
    }

```

```

name = setlocale(LC_ALL, NULL);
if (name == NULL) {
    exit(bad_setlocale);
}

pos = strstr(name, "LC_CTYPE" "=C.UTF-8");
if (pos != NULL) {
    uses_name_value_pair_names = 1;
    if (pos == name) {
        separator = name[sizeof("LC_CTYPE=C.UTF-8") - 1];
    }
    else {
        separator = *(pos - 1);
    }
}
else {
    pos = strstr(name, "C.UTF-8");
    if (pos == NULL) {
        /* bad */
    }
    else if (pos == name) {
        separator = name[sizeof("C.UTF-8")
- 1];
    }
    else {
        separator = *(pos - 1);
    }
}
}

```

```
#endif
```

```
#endif
```

```

exit( 0 /* (separator - min_separator) << 3
| uses_name_value_pair_names << 2
*/
| has_C_UTF8 << 1
| accepts_any_locale_name);

```

```
}
```

```
EOCP
```

```
set try
```

```
if eval $compile; then
```

```
    echo "Your system has setlocale()..." >&4
```

```
    $run ./try
```

```
    case $? in
```

```
        0) echo "and it seems sane" >&4
```

```
        d_setlocale="$define"
```

```

    d_setlocale_accepts_any_locale_name="$undef"
    d_has_C_UTF8="false"
    ;;
1) echo "and it seems sane, but accepts any locale name as valid" >&4
    d_setlocale="$define"
    d_setlocale_accepts_any_locale_name="$define"
    d_has_C_UTF8="false"
    ;;
2) echo "and it seems sane" >&4
    d_setlocale="$define"
    d_setlocale_accepts_any_locale_name="$undef"
    d_has_C_UTF8="true"

    ;;
3) echo "and it seems sane, but accepts any locale name as valid" >&4
    d_setlocale="$define"
    d_setlocale_accepts_any_locale_name="$define"
    d_has_C_UTF8="true"
    ;;
*) echo "but it doesn't seem to work, so we won't use it." >&4
    d_setlocale="$undef"
    d_setlocale_accepts_any_locale_name="$undef"
    d_has_C_UTF8="false"
    ;;
esac
else
    echo "your system does not have setlocale()" >&4
    d_setlocale="$undef"
    d_setlocale_accepts_any_locale_name="$undef"
    d_has_C_UTF8="false"
fi
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_setlocale.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Guess.U,v 3.0.1.5 1995/07/25 13:37:14 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: Guess.U,v \$

?RCS: Revision 3.0.1.5 1995/07/25 13:37:14 ram

?RCS: patch56: now knows about OS/2 platforms

?RCS:

?RCS: Revision 3.0.1.4 1994/10/29 15:53:55 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS: patch36: call ./xenix explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0.1.3 1993/12/15 08:14:35 ram

?RCS: patch15: variable d_bsd was not always set properly

?RCS:

?RCS: Revision 3.0.1.2 1993/08/30 08:57:14 ram

?RCS:

patch8: fixed comment which wrongly attributed the usrinc symbol

?RCS: patch8: no more ugly messages when no /usr/include/ctype.h

?RCS:

?RCS: Revision 3.0.1.1 1993/08/27 14:37:37 ram

?RCS: patch7: added support for OSF/1 machines

?RCS:

?RCS: Revision 3.0 1993/08/18 12:04:57 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit hazards some guesses as to what the general nature of the system

?X: is. The information it collects here is used primarily to establish default

?X: answers to other questions.

?X:

?MAKE:Guess d_eunice d_xenix d_bsd: cat test echo n c contains \
 rm Loc eunicefix tr sysroot

?MAKE: -pick add \$@ %<

?S:d_eunice:

?S: This variable conditionally defines the symbols EUNICE and VAX, which

?S: alerts the C program that it must deal with idiosyncrasies of VMS.

?S:.

?S:d_xenix:

?S: This variable conditionally defines the symbol XENIX, which alerts

?S: the C program that it runs under Xenix.

?S:.

?S:d_bsd:

?S: This symbol conditionally defines the

?S: symbol BSD when running on a

?S: BSD system.

?S:.

?C:EUNICE:

?C: This symbol, if defined, indicates that the program is being compiled

?C: under the EUNICE package under VMS. The program will need to handle

?C: things like files that don't go away the first time you unlink them,

?C: due to version numbering. It will also need to compensate for lack

?C: of a respectable link() command.

?C:.

?X: Should we define VMS here? Is Eunice actually used anymore?

?X:?C:VMS:

?X:?C: This symbol, if defined, indicates that the program is running under

?X:?C: VMS. It is currently only set in conjunction with the EUNICE symbol.

?X:?C:.

?C:XENIX:

?C: This symbol, if defined, indicates that the program is running under

?C: Xenix (at least 3.0 ?).

?C:.

?X: We don't use BSD in the perl source. It's too vague, and already

?X: defined in some header files anyway (e.g. NetBSD). This just gives

?X: us a spurious redefinition error upon compilation.

?X: --Andy Dougherty Feb 11, 1998

?X: ?C:BSD:

?X:

?C: This symbol, if defined, indicates that the program is running under

?X: ?C: a BSD system.

?X: ?C:.

?H:#\$d_eunice EUNICE /**/

?X:?H:#\$d_eunice VMS /**/

?H:#\$d_xenix XENIX /**/

?X: ?H:#\$d_bsd BSD /**/

?H:.

?F:./bsd ./usg ./v7 ./osf1 ./eunice ./xenix ./venix ./os2

?T:xxx

: make some quick guesses about what we are up against

echo " "

\$echo \$n "Hmm... \$c"

echo exit 1 >bsd

echo exit 1 >usg

echo exit 1 >v7

echo exit 1 >osf1

echo exit 1 >eunice

echo exit 1 >xenix

echo exit 1 >venix

echo exit 1 >os2

d_bsd="\$undef"

?X:

?X: Do not use 'usrinc', or we get a circular dependency. because

?X: usrinc is defined in usrinc.U, which relies on us...

?X:

\$cat \$sysroot/usr/include/signal.h \$sysroot/usr/include/sys/signal.h >foo 2>/dev/null

if test -f /osf_boot || \$contains 'OSF/1' \$sysroot/usr/include/ctype.h >/dev/null 2>&1

then

echo "Looks kind of like an OSF/1 system, but we'll see..."

echo exit 0 >osf1

```

elif test `echo abc | $tr a-z A-Z` = Abc ; then
xxx=`./loc addbib blurfl $pth`
if $test
-f $xxx; then
echo "Looks kind of like a USG system with BSD features, but we'll see..."
echo exit 0 >bsd
echo exit 0 >usg
else
if $contains SIGTSTP foo >/dev/null 2>&1 ; then
echo "Looks kind of like an extended USG system, but we'll see..."
else
echo "Looks kind of like a USG system, but we'll see..."
fi
echo exit 0 >usg
fi
elif $contains SIGTSTP foo >/dev/null 2>&1 ; then
echo "Looks kind of like a BSD system, but we'll see..."
d_bsd="$define"
echo exit 0 >bsd
else
echo "Looks kind of like a Version 7 system, but we'll see..."
echo exit 0 >v7
fi
case "$eunicefix" in
*unixtovms*)
$cat <<'EOI'
There is, however, a strange, musty smell in the air that reminds me of
something...hmm...yes...I've got it...there's a VMS nearby, or I'm a Blit.
EOI
echo exit 0 >eunice
d_eunice="$define"
: it so happens the Eunice I know will not run shell scripts in Unix format
;;
*)
echo " "
echo "Congratulations. You aren't running Eunice."
d_eunice="$undef"
;;
esac
: Detect
OS2. The p_ variable is set above in the Head.U unit.
: Note that this also -- wrongly -- detects e.g. dos-djgpp, which also uses
: semicolon as a patch separator
case "$p_" in
:) ;;
*)
$cat <<'EOI'

```

I have the feeling something is not exactly right, however...don't tell me...

lemme think...does HAL ring a bell?...no, of course, you're only running OS/2!

(Or you may be running DOS with DJGPP.)

EOI

```
echo exit 0 >os2
```

```
::
```

```
esac
```

```
if test -f /xenix; then
```

```
echo "Actually, this looks more like a XENIX system..."
```

```
echo exit 0 >xenix
```

```
d_xenix="$define"
```

```
else
```

```
echo " "
```

```
echo "It's not Xenix..."
```

```
d_xenix="$undef"
```

```
fi
```

```
chmod +x xenix
```

```
$eunicefix xenix
```

```
if test -f /venix; then
```

```
echo "Actually, this looks more like a VENIX system..."
```

```
echo exit 0 >venix
```

```
else
```

```
echo " "
```

```
if ./xenix; then
```

```
: null
```

```
else
```

```
echo "Nor is it Venix..."
```

```
fi
```

```
fi
```

```
chmod +x bsd usg v7 osf1 eunice xenix venix os2
```

```
$eunicefix bsd usg v7 osf1 eunice xenix venix os2
```

```
$rm -f foo
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Guess.U
```

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?RCS:

?MAKE:d_newlocale d_freelocale d_uselocale d_duplocale d_querylocale i_xlocale: Inlibc Inhdr

?MAKE: -pick add \$@ %<

?S:d_newlocale:

?S: This variable conditionally defines the HAS_NEWLOCALE symbol, which

?S: indicates to the C program that the newlocale() routine is available

?S: to return a new locale object or modify an existing locale object.

?S:.

?S:d_freelocale:

?S: This variable conditionally defines the HAS_FREELOCALE symbol, which
?S: indicates to the C program that the freelocale() routine is available
?S: to deallocates the resources associated with a locale object.
?S:.
?S:d_uselocale:
?S: This variable conditionally defines the HAS_USELOCALE symbol, which
?S: indicates to the C program that the uselocale() routine is available
?S: to set the current locale
for the calling thread.
?S:.
?S:d_duplocale:
?S: This variable conditionally defines the HAS_DUPLOCALE symbol, which
?S: indicates to the C program that the duplocale() routine is available
?S: to duplicate a locale object.
?S:.
?S:d_querylocale:
?S: This variable conditionally defines the HAS_QUERYLOCALE symbol, which
?S: indicates to the C program that the querylocale() routine is available
?S: to return the name of the locale for a category mask.
?S:.
?S:i_xlocale:
?S: This symbol, if defined, indicates to the C program that it should
?S: include <xlocale.h> to get uselocale() and its friends
?S:.
?C:HAS_NEWLOCALE:
?C: This symbol, if defined, indicates that the newlocale routine is
?C: available to return a new locale object or modify an existing
?C: locale object.
?C:.
?C:HAS_FREELOCALE:
?C: This symbol, if defined, indicates that the freelocale routine is
?C: available to deallocates the resources associated with a locale object.
?C:.
?C:HAS_USELOCALE:
?C: This symbol, if defined,
indicates that the uselocale routine is
?C: available to set the current locale for the calling thread.
?C:.
?C:HAS_DUPLOCALE:
?C: This symbol, if defined, indicates that the duplocale routine is
?C: available to duplicate a locale object.
?C:.
?C:HAS_QUERYLOCALE:
?C: This symbol, if defined, indicates that the querylocale routine is
?C: available to return the name of the locale for a category mask.
?C:.
?C:I_XLOCALE:
?C: This symbol, if defined, indicates to the C program that it should

?C: include <xlocale.h> to get uselocale() and its friends.

?C:.

?H:#\$d_newlocale HAS_NEWLOCALE /**/

?H:#\$d_freelocale HAS_FREELOCALE /**/

?H:#\$d_uselocale HAS_USELOCALE /**/

?H:#\$d_duplocale HAS_DUPLOCALE /**/

?H:#\$d_querylocale HAS_QUERYLOCALE /**/

?H:#\$i_xlocale I_XLOCALE /**/

?H:.

?LINT:set i_xlocale

?LINT:set d_newlocale

?LINT:set d_freelocale

?LINT:set d_uselocale

?LINT:set d_duplocale

?LINT:set d_querylocale

: see if this is an xlocale.h system

set xlocale.h i_xlocale

eval \$inhdr

:

see if newlocale exists

set newlocale d_newlocale

eval \$inlibc

: see if freelocale exists

set freelocale d_freelocale

eval \$inlibc

: see if uselocale exists

set uselocale d_uselocale

eval \$inlibc

: see if duplocale exists

set duplocale d_duplocale

eval \$inlibc

: see if querylocale exists

set querylocale d_querylocale

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_newlocale.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: alignbytes.U,v 3.0.1.2 1994/10/29 16:02:28 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

```

?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: alignbytes.U,v $
?RCS: Revision 3.0.1.2 1994/10/29 16:02:28 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:25:20 ram
?RCS: patch23: avoid ALIGNBYTES, since it conflicts on NetBSD
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:23 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:alignbytes: Myread Compile cat rm_try multiarch run test nvtype
?MAKE: -pick add $@ %<
?S:alignbytes:
?S: This
    variable holds the number of bytes required to align a
?S: double-- or a long double when applicable. Usual values are
?S: 2, 4 and 8. The default is eight, for safety.
?S:.
?X: This used to be called ALIGNBYTES, but that conflicts with
?X: <machines/param.h> in NetBSD.
?C:MEM_ALIGNBYTES (ALIGNBYTES):
?C: This symbol contains the number of bytes required to align a
?C: double, or a long double when applicable. Usual values are 2,
?C: 4 and 8. The default is eight, for safety. For cross-compiling
?C: or multiarch support, Configure will set a minimum of 8.
?C:.
?H:%<:#define MEM_ALIGNBYTES $alignbytes
?H:.
?F:!try
: check for alignment requirements
echo " "
case "$alignbytes" in
    *) echo "Checking alignment constraints..." >&4
    $cat >try.c <<EOCP
#include <stdio.h>
struct foobar {
    char foo;
    $nvtype bar;
} try_algn;
int main()
{

```

```

printf("%d\n", (int)((char *)&try_algn.bar - (char *)&try_algn.foo));
return(0);
}
EOCP
set try
if eval $compile_ok; then
    dflt=`$run
./try`
else
    dflt='8'
    echo "(I can't seem to compile the test program...)"
fi
case "$multiarch" in
    *$define*)
        : The usual safe value is 8, but Darwin with -Duselongdouble
        : needs 16. Hence, we will take 8 as a minimum, but allow
        : Configure to pick a larger value if needed.
        if $test "$dflt" -lt 8; then
            dflt='8'
            echo "Setting alignment to 8 for multiarch support.">&4
        fi
        ;;
    esac
    ;;
    *) dflt="$alignbytes"
    ;;
    esac
rp="Doubles must be aligned on a how-many-byte boundary?"
./myread
alignbytes="$ans"
$rm_try

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/alignbytes.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Protochk.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?X: This unit generates a ./protochk script that is used internally

?X: by Configure to check if this system will accept a particular

?X: prototype.

?X:

?X: To use it, say something like:

```
?X: hdrs="$define sys/types.h
?X: $i_systime sys/time.h
?X: $i_sysselect sys/select.h
?X: $d_socket sys/socket.h"
?X: $xxx='fd_set *'
?X: try='extern int select _((int, $xxx, $xxx, $xxx, struct timeval *));'
?X: if ./protochk "$try" $hdrs; then
?X: echo "Your system accepts $xxx for the arguments to select."
?X: fi
?X: (Of course select is harder, since the first arg can be int,
?X: size_t, or unsigned long, and the last arg may or may not have a
?X: 'const' before the 'struct timeval' :-). Also SunOS
?X: 4.1.3 doesn't
?X: provide a select prototype so the compiler accepts anything :-).
?X:
?X: The C compiler on QNX warns about invalid pointer types, but
?X: still exits with a 0 exit status, so it's not much help here.
?X: (It does correctly detect incorrect non-pointer arguments).
?X: Still, since QNX is a POSIX-ish system, just make your first
?X: a POSIX-ish one, and QNX will probably accept it.
?X:
?X: For determining argument types, your compiler must support
?X: prototypes, and the header files must use them. Determining
?X: return types, however, is easier. Just give an ridiculous
?X: return type, something like
?X: ./protochk 'extern int atof _((void));' $i_stdlib stdlib.h
?X: that should surely fail if atof() is defined in <stdlib.h>
?X:
?X: There is also an 'escape' hatch built in. If you have a pair
?X: of args 'literal 'stuff' then 'stuff' gets included literally
?X: into the test program. This could be useful for doing something
?X: like
?X: hdrs="$define stdio.h
?X: $define
?X: sys/types.h"
?X: ./protochk 'extern int fsetpos(FILE *, Fpos_t);' $args \
?X: 'literal' '#define Fpos_t long long'
?X: but you have to be really careful about the spaces in "literal".
?X:
?X: Andy Dougherty Feb. 1998
?MAKE:Protochk: cat rm_try startsh eunicefix +cc +optimize +cflags \
?MAKE: -pick add $@ %<
?F:./protochk
?X: Comfort metalint. All these are actually used in the protochk script.
?T:foo status pthread_h_done
?LINT: change cc optimize cflags define rm_try
```

```

?LINT: extern pthread_h_first
?LINT: change pthread_h_first
?LINT: change usethreads
?LINT: change i_pthread
: define a function to check prototypes
$cat > protochk <<EOSH
$startsh
cc="$cc"
optimize="$optimize"
ccflags="$ccflags"
define="$define"
rm_try="$rm_try"
usethreads=$usethreads
i_pthread=$i_pthread
pthread_h_first=$pthread_h_first
EOSH

$cat >> protochk <<'EOSH'

$rm_try
foo="$1"
shift
while test $# -ge 2; do
  case "$1" in
    $define) echo "#include <$2>" >> try.c ;;
    literal)
      echo "$2" >> try.c ;;
    esac
    # Extra magic for the benefit of systems that need pthread.h
    # to be included early to correctly detect threadsafe functions.
    # Such functions must guarantee themselves, though, that the usethreads
    # and i_pthread have been defined, before calling protochk.
    if test "$usethreads" = "$define" -a "$i_pthread" = "$define" -a "$pthread_h_first" = "$define" -a
"$pthread_h_done" = ""; then
      echo "#include <pthread.h>" >> try.c
      pthread_h_done=yes
    fi
    shift 2
  done
  cat >> try.c <<'EOCP'
  #define _(args) args
  EOCP
  echo "$foo" >> try.c
  ?X: Just so we have something to compile.
  echo 'int no_real_function_has_this_name _((void)) { return 0; }' >> try.c
  $cc $optimize $ccflags -c try.c > /dev/null 2>&1
  status=$?
  $rm_try

```

```
exit $status
EOSH
chmod +x protochk
$unicefix protochk
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/Protochk.U
```

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?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_memchr.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:32 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_memchr: Inlibc

?MAKE: -pick add \$@ %<

?S:d_memchr:

?S: This variable conditionally defines the HAS_MEMCHR symbol, which

?S: indicates to the C program that the memchr() routine is available

?S: to scan a block of memory for a character.

?S:.

?C:HAS_MEMCHR:

?C: This symbol, if defined, indicates that the memchr routine is available

?C: to scan a block of memory for a character.

If undefined, roll your own.

?C:.

?H:#\$d_memchr HAS_MEMCHR /**/

?H:.

?LINT:set d_memchr

: see if memchr exists

set memchr d_memchr

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memchr.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_access.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:42 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_access: test +cc cat +cppflags h_fcntl h_sysfile rm Inlibc Findhdr
?MAKE: -pick add $@ %<
?S:d_access:
?S: This variable conditionally defines HAS_ACCESS if the access() system
?S: call is available to check for access permissions using real IDs.
?S:.
?C:HAS_ACCESS:
?C: This manifest constant lets the C program know that the access()
?C: system call is available to check for accessibility
?C: using real UID/GID.
?C: (always present on UNIX.)
?C:.
?H:#$d_access HAS_ACCESS /**/
?H:.
?W:%<:R_OK W_OK X_OK F_OK
?LINT:set d_access
?LINT:change h_fcntl h_sysfile
: access call always available on UNIX
set access d_access
eval $inlibc

: locate the flags for 'access()'
case "$d_access" in
"$define")
echo " "
$cat >access.c <<'EOCP'
#include <sys/types.h>
#ifdef I_FCNTL
#include <fcntl.h>
#endif
#ifdef I_SYS_FILE
#include <sys/file.h>
#endif
#ifdef I_UNISTD

```



```

#include <unistd.h>
#endif
int main() {
    exit(R_OK);
}
EOCP
: check sys/file.h first, no particular reason here
if $test `./findhdr sys/file.h` && \
    $cc -o access $cppflags -DI_SYS_FILE access.c >/dev/null 2>&1 ; then
    h_sysfile=true;
    echo "<sys/file.h> defines the *_OK access constants." >&4
elif $test `./findhdr fcntl.h` && \
    $cc -o access $cppflags -DI_FCNTL access.c >/dev/null 2>&1 ; then
    h_fcntl=true;
    echo "<fcntl.h> defines the *_OK access constants." >&4
@if I_UNISTD
elif $test `./findhdr unistd.h`
    && \
    $cc -o access $cppflags -DI_UNISTD access.c >/dev/null 2>&1 ; then
    echo "<unistd.h> defines the *_OK access constants." >&4
@end
else
    echo "I can't find the four *_OK access constants--I'll use mine." >&4
fi
;;
esac
$rm -f access*

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_access.U
```

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?RCS: \$Id: install.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: install.U,v \$

?RCS: Revision 3.0.1.2 1995/09/25 09:16:37 ram

?RCS: patch59: all possible install programs are now looked for

?RCS:

?RCS: Revision 3.0.1.1 1995/01/11 15:30:41 ram

```

?RCS: patch45: created
?RCS:
?MAKE:install installdir: Loc Oldconfig Getfile cat test startsh rm +cc \
eunicefix package contains mkdir echo n c
?MAKE: -pick add $@ %<
?S:install:
?S: This variable contains the name of an install program that can accept
?S: BSD-style arguments.
It must correctly support -c, -s, and -m at least.
?S: It is a fully qualified pathname when found. If you have a local
?S: install.SH file at the root directory of your package, it is assumed to
?S: be the default script emulating a BSD install and the variable will be
?S: set to ./install. Otherwise, it is set to plain 'install', relying on
?S: the user's PATH to perform miracles.
?S:.
?S:installdir:
?S: This variable contains the name of a program that can install nested
?S: directories. Often set to 'mkdir -p', it can also be 'install -d' if
?S: you have such a beast and lack the former. If you have an install.SH
?S: file at the root directory of your package, it will be used in last
?S: resort, setting the variable to './install -d'. Otherwise, it is set to
?S: plain 'mkdir', and cross your fingers!
?S:.
?T:dir file tryit prog creatdir either
?F:!tryinst
: locate a BSD compatible install program
echo " "
echo "Looking for a BSD-compatible install program..." >&4
@if installdir
creatdir="
@end
case
"$install" in
")
tryit="
for dir in $pth; do
for file in ginstall installbsd scoinst install; do
if $test -f $dir/$file; then
tryit="$stryit $dir/$file"
fi
done
done
$cat >try.c <<EOC
int main()
{
printf("OK\n");
exit(0);
}

```

```

EOC
if $cc -o try try.c >/dev/null 2>&1; then
    cp try try.ns
    strip try >/dev/null 2>&1
else
    echo "(I can't seem to compile a trivial C program -- bypassing.)"
    echo "try" >try
    cp try try.ns
fi
$cat >tryinst <<EOS
$startsh
$rm -rf foo d
@if installdir
\ $1 -d foo/bar
@end
$mkdir d
\ $1 -c -m 764 try.ns d
\ $1 -c -s -m 642 try.ns d/try
EOS
chmod +x tryinst
$unicefix tryinst
dflt=""
either=""
for prog in $tryit; do
    $echo $n "Checking $prog... $c"
    ./tryinst $prog >/dev/null 2>&1
@if installdir
    if $test -d foo/bar; then
        creatdir="$prog -d"
    fi
@end
    (ls -l d/try >try.ls; ls -l d/try.ns >tryno.ls) 2>/dev/null
    if (cmp -s d/try try && cmp -s d/try.ns try.ns && \
        $contains 'rwxrw-r--' tryno.ls && \
        \
        $contains 'rw-r---w-' try.ls) >/dev/null 2>&1
    then
        dflt="$prog"
        echo "ok, that will do."
        break
    fi
    echo "not good$either."
    either='either'
    $rm -f try*.ls
done
$rm -rf foo d tryinst try try*.ls try.*
case "$dflt" in
")

```

```

@if {test -f ../install.SH}
  echo "Hopefully, $package comes with its own install script!"
  dflt='./install'
@else
  dflt='install'
@end
;;
esac
;;
*) dflt="$install";;
esac
$cat <<EOM

```

I will be requiring a BSD-compatible install program (one that allows options like -s to strip executables or -m to specify a file mode) to install \$package.

If the question below contains a fully qualified default path, then it is probably ok. If it is an unqualified name such as 'install', then it means I was unable to find out a good install program I could use. If

```

@if {test -f ../install.SH}
you know of one, please tell me about it. If the default is './install',
then I shall be using the install script supplied with $package.
@else
you know of one,
please tell me about it.
@end

```

```

EOM
@if {test -f ../install.SH}
fn=/fe~(install,./install)
@else
fn=/fe~(install)
@end
rp='Which install program shall I use?'
./getfile
install="$ans"

```

```

@if installdir
: how can we create nested directories?
echo " "
echo "Ok, let's see how we can create nested directories..." >&4
case "$installdir" in
")
?X: First time, maybe we already found out a working one in $creatdir above...
?X: Prefer "mkdir -p" because of bugs in GNU install when not running as root
$mkdir -p foo/bar >/dev/null 2>&1
if $test -d foo/bar; then

```

```

echo "Great, we can build them using 'mkdir -p'."
creatdir='mkdir -p'
else
case "$creatdir" in
")
if eval "$install -d foo/bar"; $test -d foo/bar; then
creatdir="install -d"
echo "It looks like '$creatdir' will do it for us."
fi
;;
*)
eval "$creatdir foo/bar" >/dev/null 2>&1
if $test -d foo/bar; then
echo "Ah! We can use '$creatdir' to do just that."
else
creatdir=""
fi
;;
esac
fi
$rm
-rf foo
case "$creatdir" in
")
echo "Heck! Another ancient system lacking the comfort of modern ones!"
@if {test -f ../install.SH}
echo "You can thank $package for bringing you its own install script!"
installdir='./install -d'
@else
echo "We have no choice but to use plain old 'mkdir' -- wish me luck!"
installdir=mkdir
@end
;;
*) installdir="$creatdir";;
esac
;;
*) echo "As you already told me, '$installdir' should work.";;
esac

@end

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/install.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_time.U,v $
?RCS: Revision 3.0.1.2 1995/07/25 14:07:43 ram
?RCS: patch56: typo fix, sytem -> system
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:16:38 ram
?RCS: patch36: now uses new Typedef unit to compute type information (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:45 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X: Maybe <sys/types.h> should be included?
?X:INC: i_systypes
?MAKE:d_time timetype: Csym Setvar Findhdr Myread Typedef
?MAKE: -pick add $@ %<
?S:d_time:
?S: This
    variable conditionally defines the HAS_TIME symbol, which indicates
?S: that the time() routine exists. The time() routine is normally
?S: provided on UNIX systems.
?S:.
?S:timetype:
?S: This variable holds the type returned by time(). It can be long,
?S: or time_t on BSD sites (in which case <sys/types.h> should be
?S: included). Anyway, the type Time_t should be used.
?S:.
?C:HAS_TIME (TIMER):
?C: This symbol, if defined, indicates that the time() routine exists.
?C:.
?C:Time_t (TIMETYPE):
?C: This symbol holds the type returned by time(). It can be long,
?C: or time_t on BSD sites (in which case <sys/types.h> should be
?C: included).
?C:.
?H:#$d_time HAS_TIME /**/
?H:#define Time_t $timetype /* Time type */
?H:.
?LINT:set d_time
: see if time exists
echo " "
if set time val -f d_time; eval $csym; $val; then

```

```

echo 'time() found.' >&4
val="$define"
set time_t timetype long stdio.h sys/types.h
eval $typedef
dflt="$timetype"
echo " "
rp="What type is returned by time() on this
system?"
./myread
timetype="$ans"
else
echo 'time() not found, hope that will do.' >&4
val="$undef"
timetype='int';
fi
set d_time
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_time.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_endnetent_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_endnetent_r endnetent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_endnetent_r:

?S: This variable conditionally defines the HAS_ENDNETENT_R symbol,

?S: which indicates to the C program that the endnetent_r()

?S: routine is available.

?S:.

?S:endnetent_r_proto:

?S: This variable encodes the prototype of endnetent_r.

?S: It is zero if d_endnetent_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endnetent_r

?S: is defined.

?S:.

?C:HAS_ENDNETENT_R:

?C: This symbol, if defined, indicates that the endnetent_r routine

?C: is

available to endnetent re-entrantly.

?C:.

?C:ENDNETENT_R_PROTO:

?C: This symbol encodes the prototype of endnetent_r.

?C: It is zero if d_endnetent_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endnetent_r

?C: is defined.

?C:.

?H:#\$d_endnetent_r HAS_ENDNETENT_R /**/

?H:#define ENDNETENT_R_PROTO \$endnetent_r_proto /**/

?H:.

?T:try hdrs d_endnetent_r_proto

: see if endnetent_r exists

set endnetent_r d_endnetent_r

eval \$inlibc

case "\$d_endnetent_r" in

"\$define")

hdrs="\$i_systypes sys/types.h define stdio.h \$i_netdb netdb.h"

case "\$d_endnetent_r_proto:\$usethreads" in

":define") d_endnetent_r_proto=define

set d_endnetent_r_proto endnetent_r \$hdrs

eval \$hasproto ;;

*) ;;

esac

case "\$d_endnetent_r_proto" in

define)

case "\$endnetent_r_proto" in

"|0) try='int endnetent_r(struct netent_data*);'

./protochk "\$extern_C \$try" \$hdrs && endnetent_r_proto=I_D ;;

esac

case "\$endnetent_r_proto" in

"|0) try='void endnetent_r(struct netent_data*);'

./protochk

"\$extern_C \$try" \$hdrs && endnetent_r_proto=V_D ;;

esac

case "\$endnetent_r_proto" in

"|0) d_endnetent_r=undef

endnetent_r_proto=0

echo "Disabling endnetent_r, cannot determine prototype." >&4 ;;

*) case "\$endnetent_r_proto" in

REENTRANT_PROTO*) ;;

*) endnetent_r_proto="REENTRANT_PROTO_\$endnetent_r_proto" ;;

esac

echo "Prototype: \$try" ;;

esac

::

*) case "\$usethreads" in

define) echo "endnetent_r has no prototype, not using it." >&4 ;;


```

esac
d_endnetent_r=undef
endnetent_r_proto=0
;;
esac
;;
*) endnetent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endnetent_r.U

```

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?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:sizesize: Myread Typedef sizetype Compile run i_stdlib

?MAKE: -pick add \$@ %<

?S:sizesize:

?S: This variable contains the size of a sizetype in bytes.

?S:.

?C:Size_t_size:

?C: This symbol holds the size of a Size_t in bytes.

?C:.

?H:#define Size_t_size \$sizesize /**/

?H:.

?T:yyy zzz

?F:!try

: Check size of size

echo " "

case "\$sizetype" in

*_t) zzz="\$sizetype" ;;

*) zzz="filesize" ;;

esac

echo "Checking the size of \$zzz..." >&4

cat > try.c <<EOCP

#include <sys/types.h>

#include <stdio.h>

#\$i_stdlib I_STDLIB

#ifdef I_STDLIB

```

#include
<stdlib.h>
#endif
int main() {
    printf("%d\n", (int)sizeof($sizetype));
    exit(0);
}
EOCP
set try
if eval $compile_ok; then
    yyy=`$run ./try`
    case "$yyy" in
        *) sizesize=4
            echo "(I can't execute the test program--guessing $sizesize.)" >&4
            ;;
        *) sizesize=$yyy
            echo "Your $zzz size is $sizesize bytes."
            ;;
    esac
else
    sizesize=4
    echo "(I can't compile the test program--guessing $sizesize.)" >&4
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/sizesize.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_chsize.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_chsize.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:50 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_chsize: Inlibc

?MAKE: -pick add \$@ %<

?S:d_chsize:

?S: This variable conditionally defines the CHSIZE symbol, which

?S: indicates to the C program that the chsize() routine is available

?S: to truncate files. You might need a -lx to get this routine.

?S:.

?C:HAS_CHSIZE (CHSIZE):

?C: This symbol, if defined, indicates that the chsize routine is available

?C: to truncate files. You might need a -lx to get this routine.

?C:.

?H:#\$d_chsize HAS_CHSIZE /**/

?H:.

?LINT:set d_chsize

: see if chsize exists

set chsize d_chsize

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_chsize.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: html1dir.U,v \$

?RCS:

?RCS: Copyright (c) 1999 Andy Dougherty

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: html1dir.U,v \$

?RCS:

?MAKE:html1dir html1direxp installhtml1dir: cat Loc Myread \
spackage test Getfile Setprefixvar Prefixit Prefixup

?MAKE: -pick add \$@ %<

?Y:TOP

?D:html1dir="

?S:html1dir:

?S: This variable contains the name of the directory in which html

?S: source pages are to be put. This directory is for pages

?S: that describe whole programs, not libraries or modules. It

?S: is intended to correspond roughly to section 1 of the Unix

?S: manuals.

?S:.

?D:html1direxp="

?S:html1direxp:

?S: This

variable is the same as the html1dir variable, but is filename

?S: expanded at configuration time, for convenient use in makefiles.

```

?S:.
?D:installhtml1dir="
?S:installhtml1dir:
?S: This variable is really the same as html1direxp, unless you are
?S: using a different installprefix. For extra portability, you
?S: should only use this variable within your makefiles.
?S:.
?LINT:change prefixvar
?LINT:set html1direxp
?LINT:set installhtml1dir
: determine where html pages for programs go
set html1dir html1dir none
eval $prefixit
$cat <<EOM

```

If you wish to install html files for programs in \$spackage, indicate the appropriate directory here. To skip installing html files, answer "none".

```

EOM
case "$html1dir" in
|none|$undef| ) dflt=none ;;
*) dflt=$html1dir ;;
esac
fn=dn+~
rp="Directory for the main $spackage html pages?"
./getfile
prefixvar=html1dir
./setprefixvar
: Use ' ' for none so value is preserved next time through Configure
$test X"$html1dir" = "X" && html1dir=' '

```

Found

```

in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/installdirs/html1dir.U
No license file was found, but licenses were detected in source scan.

```

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strectpy.U,v $

```

?RCS: Revision 3.0 1993/08/18 12:07:34 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_strctcpy: cat rm_try cc Setvar

?MAKE: -pick add \$@ %<

?S:d_strctcpy:

?S: This variable conditionally defines the USE_STRUCTURE_COPY symbol, which

?S: indicates to the C program that this C compiler knows how to copy

?S: structures.

?S:.

?C:USE_STRUCTURE_COPY (STRUCTCOPY):

?C: This symbol, if defined, indicates that this C compiler knows how

?C: to copy structures. If undefined, you'll

need to use a block copy

?C: routine of some sort instead.

?C:.

?H:#\$d_strctcpy USE_STRUCTURE_COPY /**/

?H:.

?LINT:set d_strctcpy

: check for structure copying

echo " "

echo "Checking to see if your C compiler can copy structs..." >&4

\$cat >try.c <<'EOCP'

int main()

{

struct blurfl {

int dyick;

} foo, bar;

foo = bar;

}

EOCP

if \$cc -c try.c >/dev/null 2>&1 ; then

val="\$define"

echo "Yup, it can."

else

val="\$undef"

echo "Nope, it can't."

fi

set d_strctcpy

eval \$setvar

\$rm_try

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strctcpy.U

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_closedir.U,v 3.0.1.3 1997/02/28 15:31:26 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_closedir.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:31:26 ram
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:11:18 ram
?RCS: patch36: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:07:21 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_closedir d_void_closedir: Inlibc i_dirent i_sysdir i_sysndir
\
i_systypes Compile Setvar rm_try run
?MAKE: -pick add $@ %<
?S:d_closedir:
?S: This variable conditionally defines HAS_CLOSEDIR if closedir() is
?S: available.
?S:.
?C:HAS_CLOSEDIR:
?C: This symbol, if defined, indicates that the closedir() routine is
?C: available.
?C:.
?H:#$d_closedir HAS_CLOSEDIR /**/
?H:.
?S:d_void_closedir:
?S: This variable conditionally defines VOID_CLOSEDIR if closedir()
?S: does not return a value.
?S:.
?C:VOID_CLOSEDIR:
?C: This symbol, if defined, indicates that the closedir() routine
?C: does not return a value.
?C:.
?H:#$d_void_closedir VOID_CLOSEDIR /**/
?H:.
?F:!try
?LINT:set d_closedir d_void_closedir

```

```
: see if closedir exists
set closedir d_closedir
eval $inlibc
```

```
@if VOID_CLOSEDIR || d_void_closedir
?X: The following contortions are designed so we can call closedir()
?X: and check whether it returns a value. The contortions are designed
?X: to portably pick up the correct directory header, for those
?X: systems that support various mutually incompatible
directory functions.
?X: This is from perl5's perl.h
case "$d_closedir" in
"$define")
echo " "
echo "Checking whether closedir() returns a status..." >&4
cat > try.c <<EOM
#$i_dirent I_DIRENT /**/
#$i_sysdir I_SYS_DIR /**/
#$i_sysndir I_SYS_NDIR /**/
#$i_systypes I_SYS_TYPES /**/

#if defined(I_SYS_TYPES)
#include <sys/types.h>
#endif
#if defined(I_DIRENT)
#include <dirent.h>
#else
#ifdef I_SYS_NDIR
#include <sys/ndir.h>
#else
#ifdef I_SYS_DIR
#include <sys/dir.h>
#endif
#endif
#endif
#endif
int main() { return closedir(opendir(".")); }
EOM
set try
if eval $compile_ok; then
if $run ./try > /dev/null 2>&1 ; then
echo "Yes, it does."
val="$undef"
else
echo "No, it doesn't."
val="$define"
fi
else
echo "(I can't seem to compile the test program--assuming it doesn't)"
```

```

val="$define"
fi
;;
*)
val="$undef";
;;
esac
set d_void_closedir
eval $setvar
$rm_try
@end

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_closedir.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_sysstat.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysstat.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:48:30 ram
?RCS: patch61: created
?RCS:
?MAKE:i_sysstat: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysstat:
?S: This variable conditionally defines the I_SYS_STAT symbol,
?S: and indicates whether a C program should include <sys/stat.h>.
?S:.
?C:I_SYS_STAT (I_SYSSTAT):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/stat.h>.
?C:.
?H:#$i_sysstat I_SYS_STAT /**/
?H:.
?LINT:set
i_sysstat
: see if sys/stat.h is available
set sys/stat.h i_sysstat

```


eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysstat.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_crypt.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_crypt.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:31:47 ram

?RCS: patch61: replaced .a with \$_a all over the place

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:52 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_crypt cryptlib: Loc test xlibpth libpth Csym Setvar _a Inlibc

?MAKE: -pick add \$@ %<

?S:d_crypt:

?S: This variable conditionally defines the CRYPT symbol, which

?S: indicates to the C program that the crypt() routine is available

?S: to

encrypt passwords and the like.

?S:.

?S:cryptlib:

?S: This variable holds -lcrypt or the path to a libcrypt.a archive if

?S: the crypt() function is not defined in the standard C library. It is

?S: up to the Makefile to use this.

?S:.

?C:HAS_CRYPT (CRYPT):

?C: This symbol, if defined, indicates that the crypt routine is available

?C: to encrypt passwords and the like.

?C:.

?H:#\$d_crypt HAS_CRYPT /**/

?H:.

?LINT:set d_crypt

?T:val

: see if crypt exists

echo " "

set crypt d_crypt

```

eval $inlibc
case "$d_crypt" in
$define) cryptlib=" " ;;
*) if set crypt val -f d_crypt; eval $sym; $val; then
echo 'crypt() found.' >&4
val="$define"
cryptlib="
else
cryptlib=`./loc Slibcrypt$a "" $xlibpth`
if $test -z "$cryptlib"; then
cryptlib=`./loc Mlibcrypt$a "" $xlibpth`
else
cryptlib=-lcrypt
fi
if $test -z "$cryptlib"; then
cryptlib=`./loc Libcrypt$a "" $xlibpth`
else
cryptlib=-lcrypt
fi
if $test -z "$cryptlib"; then
cryptlib=`./loc libcrypt$a ""
$libpth`
else
cryptlib=-lcrypt
fi
if $test -z "$cryptlib"; then
echo 'crypt() NOT found.' >&4
val="$undef"
else
val="$define"
fi
fi
set d_crypt
eval $setvar
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_crypt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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```

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: so.U,v $
?RCS: Revision 3.0.1.2 1994/10/29 16:30:04 ram
?RCS: patch36: now tells user how he can suppress shared lib lookup (ADO)
?RCS: patch36: removed echo at the top, since it's now in the here-doc (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 07:07:02 ram
?RCS: patch30: created
?RCS:
?X:
?X: This unit computes the shared-object / shared-lib extension
?X:
?MAKE:so: test libpth Loc Myread Oldconfig cat
?MAKE: -pick add $@ %<
?S:so:
?S: This variable holds the extension used to identify
shared libraries
?S: (also known as shared objects) on the system. Usually set to 'so'.
?S:.
?T: xxx
: compute shared library extension
case "$so" in
")
if xxx=`./loc libc.sl X $libpth`; $test -f "$xxx"; then
dflt='sl'
else
dflt='so'
fi
;;
*) dflt="$so";;
esac
$cat <<EOM

```

On some systems, shared libraries may be available. Answer 'none' if you want to suppress searching of shared libraries for the remainder of this configuration.

```

EOM
rp='What is the file extension used for shared libraries?'
. ./myread
so="$ans"

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/so.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fstatfs : Inlibc
?MAKE: -pick add $@ %<
?S:d_fstatfs:
?S: This variable conditionally defines the HAS_FSTATFS symbol, which
?S: indicates to the C program that the fstatfs() routine is available.
?S:.
?C:HAS_FSTATFS:
?C: This symbol, if defined, indicates that the fstatfs routine is
?C: available to stat filesystems by file descriptors.
?C:.
?H:#$d_fstatfs HAS_FSTATFS /**/
?H:.
?LINT:set d_fstatfs
: see if fstatfs exists
set fstatfs d_fstatfs
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fstatfs.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: mailer.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: mailer.U,v $
?RCS: Revision 3.0.1.3 1995/01/11 15:32:11 ram
?RCS: patch45: can now use Loc variables since path stripping is deferred
?RCS:
?RCS: Revision 3.0.1.2 1994/05/06 15:10:04 ram
?RCS: patch23: ensure full path value is used for rmail also
?RCS:
```

```

?RCS: Revision 3.0.1.1 1994/01/24 14:14:18 ram
?RCS: patch16: now use _sendmail vars and friends for portability issues
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:10 ram
?RCS: Baseline for dist
3.0 netwide release.
?RCS:
?MAKE:mailer: test cat rmail mail smail sendmail Getfile Oldconfig
?MAKE: -pick add $@ %<
?S:mailer:
?S: This variable contains the full pathname of a reasonable mailer.
?S: By reasonable, we mean some program which can understand internet
?S: addresses or at least forward them to some internet router. This
?S: mailer should be invoked as "mailer [options] recipients <mail".
?S:.
: determine the name of a reasonable mailer
case "$mailer" in
")
if $test -f "$sendmail"; then
dflt="$sendmail"
elif $test -f "$smail"; then
dflt="$smail"
elif $test -f "$rmail"; then
dflt="$rmail"
elif $test -f /bin/mail; then
dflt=/bin/mail
else
dflt=$mail
fi
;;
*) dflt="$mailer";;
esac
$cat <<EOM

```

I need the full pathname of the program used to deliver mail on your system. A typical answer would be /usr/lib/sendmail or /bin/rmail, but you may choose any other program, as long as it can be fed from standard input and will honour any user-supplied headers.

```

EOM
fn=f
rp='Mail
transport agent to be used?'
../getfile
mailer="$ans"

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/dist/U/maier.U

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2017, Karl Williamson

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_mbrlen: Inlibc

?MAKE: -pick add \$@ %<

?S:d_mbrlen:

?S: This variable conditionally defines the HAS_MBRLLEN symbol if the

?S: mbrlen() routine is available to be used to get the length of

?S: multi-byte character strings.

?S:.

?C:HAS_MBRLLEN:

?C: This symbol, if defined, indicates that the mbrlen routine is

?C: available to get the length of multi-byte character strings.

?C:.

?H:#\$d_mbrlen HAS_MBRLLEN /**/

?H:.

?LINT: set d_mbrlen

: see if mbrlen exists

set mbrlen d_mbrlen

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_mbrlen.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_psignal.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_psignal.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:49 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_psignal: Inlibc
?MAKE: -pick add \$@ %<
?S:d_psignal:
?S: This variable conditionally defines the HAS_PSYGAL symbol, which
?S: indicates that the psignal() routine exists. The psignal() routine
?S: prints a description of a signal on the standard error output.
?S:.
?C:HAS_PSYGAL (PSYGAL):
?C: This symbol, if defined, indicates
that the psignal() routine exists.
?C:.
?H:#\$d_psignal HAS_PSYGAL /**/
?H:.
?LINT:set d_psignal
: see if psignal exists
set psignal d_psignal
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_psignal.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: You may reuse parts of this distribution only within the terms of

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: stdchar.U,v \$

?RCS: Revision 3.0 1993/08/18 12:09:52 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:stdchar: contains Findhdr cppstdin cppminus rm

?MAKE: -pick add \$@ %<

?S:stdchar:

?S: This variable conditionally defines STDCHAR to be the type of char

?S: used in stdio.h. It has the values "unsigned char" or "char".

?S:.

?C:STDCHAR:

?C: This symbol is defined to be the type of char used in stdio.h.

?C: It has the values "unsigned char" or "char".

?C:.

?H:#define STDCHAR \$stdchar /**/

```

?H:
?F:!stdioh
:
  see what type of char stdio uses.
echo " "
?X: untangle the #include nest
echo '#include <stdio.h>' | $cppstdin $cppminus > stdioh
if $contains 'unsigned.*char.*_ptr;' stdioh >/dev/null 2>&1 ; then
  echo "Your stdio uses unsigned chars." >&4
  stdchar="unsigned char"
else
  echo "Your stdio uses signed chars." >&4
  stdchar="char"
fi
$rm -f stdioh

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/stdchar.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Whoa.U,v 3.0.1.2 1997/02/28 15:21:21 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Whoa.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:21:21 ram
?RCS: patch61: whoa script now starts with leading "startsh"
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:02:01 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:19 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a bit of shell code that must be dotted in in order
?X: to warn the user in case a change into a variable
  is noticed.
?X:
?X: To use this unit, $was must hold the old value that has changed. Upon
?X: exit, the two variables $td and $tu are set to the correct value for

```



```

?X: respectively defining or undefining a variable. For instance, if $vas was
?X: $undef, but now $var is $define, after calling . whoa, you should use
?X: eval "$var=\$tu" to finally set $var to the correct value. See unit Inlibc.
?X:
?MAKE:Whoa: Myread startsh hint
?MAKE: -pick add $@ %<
?F:./whoa
?T:var was td tu hintfile
: set up the script used to warn in case of inconsistency
cat <<EOS >whoa
$startsh
EOS
cat <<'EOOSC' >>whoa
dflt=y
case "$hint" in
    recommended)
case "$hintfile" in
    *) echo "The $hint value for \$$var on this machine was \"\$was\!" >&4
    ;;
    *) echo "Hmm. Based on the hints in hints/$hintfile.sh, " >&4
    echo "the $hint value for \$$var on this machine was \"\$was\!" >&4
    ;;
esac
;;
*) echo " "
echo "*** WHOA THERE!!! ***" >&4
echo " The $hint value for \$$var on this machine was
\"$was\!" >&4
;;
esac
rp=" Keep the $hint value?"
./myread
case "$ans" in
y) td=$was; tu=$was;;
esac
EOOSC

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Whoa.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: cf_who.U,v \$
?RCS: Revision 3.0.1.2 1997/02/28 15:28:50 ram
?RCS: patch61: new computation method avoiding use of temporary file
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:42:34 ram
?RCS: patch23: login name now computed the hard way
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:32 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Oldconfig dependency is there to ensure computation occurs after old values
?X: from config.sh have been loaded, so that we can supersede them.
?X:
?MAKE:cf_time
cf_by: date Oldconfig
?MAKE: -pick add \$@ %<
?S:cf_time:
?S: Holds the output of the "date" command when the configuration file was
?S: produced. This is used to tag both config.sh and config_h.SH.
?S:.
?S:cf_by:
?S: Login name of the person who ran the Configure script and answered the
?S: questions. This is used to tag both config.sh and config_h.SH.
?S:.
?LINT:change LC_ALL LANGUAGE
: who configured the system
?X: Ensure English date -- Jarkko Hietaniemi
cf_time=`LC_ALL=C; LANGUAGE=C; export LC_ALL; export LANGUAGE; \$date 2>&1`
?X:
?X: Leave a white space between first two '(' for ksh. The sub-shell is needed
?X: on some machines to avoid the error message when logname is not found; e.g.
?X: on SUN-OS 3.2, (logname || whoami) would not execute whoami if logname was
?X: not found. Sigh!
?X:
?X: Convex had a broken logname executable which returned a non-zero status,
?X: and that broke the previous:
?X: cf_by=`(logname) 2>/dev/null || whoami) 2>&1`
?X: Switch to emergency
mode... -- RAM, 19/04/94
?X:
?X: Parentheses needed to avoid error message if the program does not exist.
?X: Uses case instead of \$test so it can be put before \$test is defined.
?X: Don't redirect to a file because on Ultrix (under script?) logname

?X: outputs a blank line first. This method will apparently work.

```
case "$cf_by" in
"" )
cf_by=`(logname) 2>/dev/null`
case "$cf_by" in
"" )
cf_by=`(whoami) 2>/dev/null`
case "$cf_by" in
"" ) cf_by=unknown ;;
esac ;;
esac ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cf_who.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_waitpid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_waitpid.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:02 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_waitpid: Inlibc
?MAKE: -pick add $@ %<
?S:d_waitpid:
?S: This variable conditionally defines HAS_WAITPID if waitpid() is
?S: available to wait for child process.
?S:.
?C:HAS_WAITPID (WAITPID):
?C: This symbol, if defined, indicates that the waitpid routine is
?C: available to wait for child process.
?C:.
?H:#$d_waitpid HAS_WAITPID /**/
?H:.
?LINT:set
d_waitpid
: see if waitpid exists
set waitpid d_waitpid
```

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_waitpid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_sgndchr.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:44:25 ram

?RCS: patch61: added a ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.1 1995/07/25 14:00:24 ram

?RCS: patch56: made cc and ccflags optional dependencies

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:16 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_sgndchr: cat rm +cc +ccflags Setvar

?MAKE: -pick add \$@ %<

?S:d_sgndchr:

?S: This variable conditionally defines the SIGNEDCHAR symbol, which

?S: indicates to the C program

?S: that signed characters are available.

?S:.

?C:SIGNEDCHAR:

?C: This symbol, if defined, indicates that characters are a signed type.

?C: If not defined, things declared as signed characters (and that make

?C: use of negative values) should probably be declared as shorts instead.

?C:.

?H:#\$d_sgndchr SIGNEDCHAR /**/

?H:.

?F:!try

?LINT:set d_sgndchr

: check for signed chars

echo " "

echo "Checking to see if your C compiler can do signed chars..." >&4

\$cat >try.c <<'EOCP'

int main()

```

{
char c = 0;

c--;
exit(c >= 0);
}
EOCP
$cc $ccflags -o try try.c
if ./try; then
val="$define"
echo "It certainly can."
else
val="$undef"
echo "It can't. I'll have to make some things type short."
fi
set d_sgndchr
eval $setvar
$rm -f try*

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sgndchr.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_wifstat.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:47:43 ram

?RCS: patch61: added a ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.2 1995/07/25 14:09:10 ram

?RCS: patch56: re-arranged compile line to include ldflags before objects

?RCS:

?RCS: Revision 3.0.1.1 1995/03/21 08:47:46 ram

?RCS: patch52: created

?RCS:

?MAKE:d_wifstat: d_uwait +cc +ccflags +ldflags +libs Oldconfig cat rm

?MAKE: -pick add \$@ %<

?S:d_wifstat:

?S: This symbol conditionally defines USE_WIFSTAT if the C program can

?S: safely

use the WIFxxx macros with the kind of wait() parameter

?S: declared in the program (see UNION_WAIT), or if it can't. Should

?S: only matter on HP-UX, where the macros are incorrectly written and

?S: therefore cause programs using them with an 'union wait' variable

?S: to not compile properly.

?S:.

?C:USE_WIFSTAT:

?C: This symbol, if defined, indicates to the C program that the argument

?C: for the WIFxxx set of macros such as WIFSIGNALED or WIFEXITED can

?C: be of the same kind as the one used to hold the wait() status. Should

?C: only matter on HP-UX, where the macros are incorrectly written and

?C: therefore cause programs using them with an 'union wait' variable

?C: to not compile properly. See also UNION_WAIT.

?C:.

?H:#\$d_wifstat USE_WIFSTAT /**/

?H:.

?T:type

?F:!foo

: see if we can use WIFxxx macros

echo " "

case "\$d_wifstat" in

"\$define") echo "As before, you can safely use WIFEXITED and friends!" >&4;;

"\$undef") echo "You still can't use WIFEXITED and friends!" >&4;;

*)

echo

"Let's see whether you can use the WIFEXITED(status) macro and its"

case "\$d_uwait" in

"\$define") type='union wait';;

*) type='int';;

esac

echo "friends with status declared as '\$type status'..."

\$cat >foo.c <<EOCP

#include <sys/types.h>

#include <sys/wait.h>

int main()

{

 \$type status;

 int e = 0;

#ifdef WIFEXITED

 if (WIFEXITED(status))

 printf("\n");

 exit(0);

#else

 exit(2);

#endif

```

}
EOCP
d_wifstat="$undef"
if $cc $cflags $ldflags -o foo foo.c $libs >/dev/null 2>&1; then
if ./foo >/dev/null; then
echo "Great! Looks like we can use the WIFxxx macros." >&4
d_wifstat="$define"
else
echo "You don't seem to have WIFxxx macros, but that's ok." >&4
fi
else
echo "Apparently you can't use WIFxxx macros properly." >&4
fi
$rm -f foo.* foo core
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wifstat.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:siteman3dir siteman3direxp installsiteman3dir: Getfile \

Setprefixvar prefix siteprefix man3dir sed

?MAKE: -pick add \$@ %<

?Y:TOP

?D:siteman3dir="

?S:siteman3dir:

?S: This variable contains the name of the directory in which site-specific

?S: library man source pages are to be put. It is the responsibility of the

?S: Makefile.SH to get the value of this into the proper command.

?S: You must be prepared to do the ~name expansion yourself.

?S: The standard distribution will put nothing in this directory.

?S: After

perl has been installed, users may install their own local

?S: man3 pages in this directory with

?S: MakeMaker Makefile.PL

?S: or equivalent. See INSTALL for details.

```

?S:.
?D:siteman3direxp="
?S:siteman3direxp:
?S: This variable is the same as the siteman3dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?D:installsiteman3dir="
?S:installsiteman3dir:
?S: This variable is really the same as siteman3direxp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: man3direxp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?LINT:change prefixvar
?LINT:set installsiteman3dir
?LINT:set siteman3dir
?LINT:set siteman3direxp
: determine where add-on library man pages go
case "$siteman3dir" in
") dflt=`echo $man3dir | $sed "s#^$prefix#$siteprefix#" ` ;;
*) dflt=$siteman3dir ;;
esac
case "$dflt" in
"| ") dflt=none ;;
esac
fn=dn+~
rp='Pathname
  where the site-specific library manual pages should be installed?'
./getfile
prefixvar=siteman3dir
./setprefixvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/installdirs/siteman3dir.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
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```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_vfork.U,v $
```



```

?RCS: Revision 3.0.1.6 1994/08/29 16:18:21 ram
?RCS: patch32: set default to 'y' the first time
?RCS:
?RCS: Revision 3.0.1.5 1994/06/20 06:59:14 ram
?RCS: patch30: usevfork was not always properly set
?RCS:
?RCS: Revision 3.0.1.4 1994/05/13 15:20:56 ram
?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)
?RCS:
?RCS: Revision 3.0.1.3 1994/05/06 14:59:09 ram
?RCS: patch23: now explicitly ask whether vfork() should be used (ADO)
?RCS:
?RCS: Revision 3.0.1.2 1993/10/16
      13:49:39 ram
?RCS: patch12: added magic for vfork()
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:06:57 ram
?RCS: patch10: removed automatic remapping of vfork on fork (WAD)
?RCS: patch10: added compatibility code for older config.sh (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:55 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_vfork usevfork: Inlibc Myread Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_vfork:
?S: This variable conditionally defines the HAS_VFORK symbol, which
?S: indicates the vfork() routine is available.
?S:.
?S:usevfork:
?S: This variable is set to true when the user accepts to use vfork.
?S: It is set to false when no vfork is available or when the user
?S: explicitly requests not to use vfork.
?S:.
?C:HAS_VFORK (VFORK):
?C: This symbol, if defined, indicates that vfork() exists.
?C:.
?H:#$d_vfork HAS_VFORK /**/
?H:.
?M:vfork: HAS_VFORK
?M:#ifndef HAS_VFORK
?M:#define vfork fork
?M:#endif
?M:.
?LINT:set d_vfork
: see if there is a vfork
val="
set

```

```
vfork val
eval $inlibc
```

```
: Ok, but do we want to use it. vfork is reportedly unreliable in
: perl on Solaris 2.x, and probably elsewhere.
case "$sval" in
$define)
echo " "
case "$usevfork" in
false) dflt='n';
*) dflt='y';;
esac
rp="Some systems have problems with vfork(). Do you want to use it?"
. ./myread
case "$ans" in
y|Y) ;;
*)
echo "Ok, we won't use vfork()."
val="$undef"
;;
esac
;;
esac
;;
esac
?X:
?X: Only set it when final value is known to avoid spurious Whoas
?X: Then set usevfork accordingly to the current value, for next run
?X:
set d_vfork
eval $setvar
case "$d_vfork" in
$define) usevfork='true';;
*) usevfork='false';;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_vfork.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:
 ?RCS: \$Log: Cppsym.U,v \$
 ?RCS: Revision 3.0.1.5 1995/05/12 11:59:11 ram
 ?RCS: patch54: split awk command onto two lines for older awks (ADO)
 ?RCS:
 ?RCS: Revision 3.0.1.4 1995/01/11 14:55:57 ram
 ?RCS: patch45: new cc vs. cpp symbol checking suggested by JHI
 ?RCS: patch45: added more cpp symbols (JHI)
 ?RCS:
 ?RCS: Revision 3.0.1.3 1994/10/29 15:51:32 ram
 ?RCS: patch36: added ?F: line for metalint file checking
 ?RCS: patch36: new symbols ardent and titan (ADO)
 ?RCS:
 ?RCS: Revision 3.0.1.2 1994/06/20
 06:53:32 ram
 ?RCS: patch30: extended cpp symbol lookup list (JHI)
 ?RCS: patch30: renamed attrlist symbol into al for brevity
 ?RCS:
 ?RCS: Revision 3.0.1.1 1993/12/15 08:14:14 ram
 ?RCS: patch15: added new cpp symbols __bsdi__ and BSD_NET2
 ?RCS:
 ?RCS: Revision 3.0 1993/08/18 12:04:50 ram
 ?RCS: Baseline for dist 3.0 netwide release.
 ?RCS:
 ?X:
 ?X: This unit produces a shell script called Cppsym, which can be used to
 ?X: determine whether any in a list of symbols is defined by the C compilation
 ?X: chain (C preprocessor symbols plus C compiler native ones).
 ?X: It can determine the status of any symbol, though the symbols in \$al
 ?X: are more easily determined. If you want to add to \$al you can do
 ?X: it in Myinit.U.
 ?X:
 ?MAKE:Cppsym ccsymbols cppsymbols cppccsymbols: run \
 eunicefix Guess awk cat tr sed sort rm startsh osname \
 +cc gccversion test comm uniq echo Options trnl \
 optimize ccflags ldflags libs
 ?MAKE: -pick add \$@ %<
 ?S:ccsymbols:
 ?S: The variable contains the symbols
 defined by the C compiler alone.
 ?S: The symbols defined by cpp or by cc when it calls cpp are not in
 ?S: this list, see cppsymbols and cppccsymbols.
 ?S: The list is a space-separated list of symbol=value tokens.
 ?S:.
 ?S:cppsymbols:
 ?S: The variable contains the symbols defined by the C preprocessor
 ?S: alone. The symbols defined by cc or by cc when it calls cpp are
 ?S: not in this list, see ccsymbols and cppccsymbols.

?S: The list is a space-separated list of symbol=value tokens.
?S:.
?S:cppccsymbols:
?S: The variable contains the symbols defined by the C compiler
?S: when it calls cpp. The symbols defined by the cc alone or cpp
?S: alone are not in this list, see ccsymbols and cppsymbols.
?S: The list is a space-separated list of symbol=value tokens.
?S:.
?T:also symbols i postprocess_cc_v flags
?F:./Cppsym
?F:!Cppsym.true !Cppsym.know !ccsym.com !ccsym.cpp !ccsym.own
: determine known pre-processor and compiler symbols
echo " "
\$echo "Guessing which symbols your C compiler and preprocessor
define..." >&4
?X:
?X: The symbol list is in alpha order for ease of maintenance...
?X:
?X: Lots of new symbols (mostly rummaged from gcc), courtesy of
?X: Jarkko Hietaniemi <jhi@snakemail.hut.fi> -- RAM, 06/06/94
?X:
?X: If your symbol is mixed case, just add it as-is.
?X: All symbols will be transformed to both all-lower and all-upper.
?X: Also drop any leading/trailing underscores, the scan will try all those.
?X:
\$cat <<'EOSH' > Cppsym.know
a29k ABI64 aegis AES_SOURCE AIX AIX32 AIX370
AIX41 AIX42 AIX43 AIX_SOURCE aixpc ALL_SOURCE
alliant alpha am29000 AM29000 AMD64 amiga AMIGAOS AMIX
ansi ANSI_C_SOURCE apollo ardent ARM32 atarist att386 att3b
BeOS BIG_ENDIAN BIT_MSF bsd BSD bsd43 bsd4_2 bsd4_3 BSD4_3 bsd4_4
BSD_4_3 BSD_4_4 BSD_NET2 BSD_TIME BSD_TYPES BSDCOMPAT bsdi
bull c cadmus clipper CMU COFF COMPILER_VERSION
concurrent convex cpu cray CRAY CRAYMPP ctix CX_UX
CYGWIN DGUX DGUX_SOURCE DJGPP dmert DOLPHIN DPX2 DSO
Dynix DynixPTX ELF encore EPI EXTENSIONS FAVOR_BSD
FILE_OFFSET_BITS
FreeBSD GCC_NEW_VARARGS gcos gcx gimpel
GLIBC GLIBC_MINOR
GNU_SOURCE GNUC GNUC_MINOR GNU_LIBRARY GO32 gould GOULD_PN
H3050R H3050RX hbullx20 hcx host_mips
hp200 hp300 hp700 HP700 hp800 hp9000
hp9000s200 hp9000s300 hp9000s400 hp9000s500
hp9000s700 hp9000s800 hp9k8 hp_osf hppa hpux HPUX_SOURCE
i186 i286 i386 i486 i586 i686 i8086 i80960 i860 I960
IA64 iAPX286 ibm ibm032 ibmesa IBMR2 ibmrt ILP32 ILP64
INLINE_INTRINSICS INTRINSICS INT64 interdata is68k ksr1
LANGUAGE_C LARGE_FILE_API LARGEFILE64_SOURCE

LARGEFILE_SOURCE LFS64_LARGEFILE LFS_LARGEFILE
 Linux LITTLE_ENDIAN LONG64 LONG_DOUBLE LONG_LONG
 LONGDOUBLE LONGLONG LP64 luna luna88k Lynx
 M68000 m68k m88100 m88k M88KBCS_TARGET M_COFF
 M_I186 M_I286 M_I386 M_I8086 M_I86 M_I86SM M_SYS3
 M_SYS5 M_SYSIII M_SYSV M_UNIX M_XENIX MACH machine MachTen
 MATH_HAS_NO_SIDE_EFFECTS
 mc300 mc500 mc68000 mc68010 mc68020 mc68030 mc68040
 mc68060 mc68k mc68k32 mc700 mc88000 mc88100 merlin
 mert MiNT mips MIPS_FPSET MIPS_ISA MIPS_SIM MIPS_SZINT
 MIPS_SZLONG
 MIPS_SZPTR MIPSEB MIPSEL MODERN_C motorola
 mpeix MSDOS MTXINU MULTIMAX mvs MVS n16 ncl_el ncl_mr
 NetBSD news1500 news1700 news1800 news1900 news3700
 news700 news800 news900 NeXT NLS nonstopux ns16000 ns32000
 ns32016 ns32332 ns32k nsc32000
 OCS88 OEMVS OpenBSD os OS2 OS390 osf OSF1 OSF_SOURCE
 pa_risc PA_RISC1_1 PA_RISC2_0 PARAGON parisc
 pc532 pdp11 PGC PIC plexus PORTAR posix
 POSIX1B_SOURCE POSIX2_SOURCE POSIX4_SOURCE
 POSIX_C_SOURCE POSIX_SOURCE POWER
 PROTOTYPES PWB pyr QNX R3000 REENTRANT RES Rhapsody RISC6000
 riscix riscos RT S390 SA110 scs SCO sequent sgi SGI_SOURCE SH3 sinix
 SIZE_INT SIZE_LONG SIZE_PTR SOCKET_SOURCE SOCKETS_SOURCE
 sony sony_news sonyrisc sparc sparclite spectrum
 stardent stdc STDC_EXT stratos sun sun3 sun386
 Sun386i svr3 svr4 SVR4_2 SVR4_SOURCE svr5
 SX system SYSTYPE_BSD SYSTYPE_BSD43 SYSTYPE_BSD44
 SYSTYPE_SVR4 SYSTYPE_SVR5 SYSTYPE_SYSV SYSV SYSV3 SYSV4 SYSV5
 sysV68 sysV88 Tek4132 Tek4300 titan
 TM3200 TM5400 TM5600
 tower tower32 tower32_200 tower32_600 tower32_700
 tower32_800
 tower32_850 tss
 u370 u3b u3b2 u3b20 u3b200 u3b20d u3b5
 ultrix UMAXV UnicomPBB UnicomPBD UNICOS UNICOSMK
 unix UNIX95 UNIX99 unixpc unos
 USE_BSD USE_FILE_OFFSET64 USE_GNU USE_ISOC9X USE_LARGEFILE USE_LARGEFILE64
 USE_MISC USE_POSIX USE_POSIX199309 USE_POSIX199506 USE_POSIX2
 USE_REENTRANT USE_SVID USE_UNIX98 USE_XOPEN USE_XOPEN_EXTENDED
 USGr4 USGr4_2
 Utek UTeK UTS UWIN uxpm uxps vax venix VMESA vms xenix Xenix286
 XOPEN_SOURCE XOPEN_SOURCE_EXTENDED XPG2 XPG2_EXTENDED
 XPG3 XPG3_EXTENDED XPG4 XPG4_EXTENDED
 z8000
 EOSH
 ?X: Maybe put other stuff here too.
 cat <<EOSH >>Cppsymb.know

```

$osname
EOSH
./tr '[a-z]' '[A-Z]' < Cppsym.know > Cppsym.a
./tr '[A-Z]' '[a-z]' < Cppsym.know > Cppsym.b
$cat Cppsym.know > Cppsym.c
$cat Cppsym.a Cppsym.b Cppsym.c | $tr ' ' $trnl | $sort | $uniq > Cppsym.know
$rm -f Cppsym.a Cppsym.b Cppsym.c
cat <<EOSH > Cppsym
$startsh
if $test $# -gt 0; then
    echo $* | $tr " " "$trnl" | ./Cppsym.try > Cppsym.got
    if $test -s Cppsym.got; then
        $rm -f Cppsym.got
        exit 0
    fi
    $rm -f Cppsym.got
    exit 1
else
    $tr " " "$trnl" | ./Cppsym.try
    exit 0
fi
EOSH
chmod +x Cppsym
$eunicefix Cppsym
?X: The below awk script will die a horrible death if
?X: some of the tested symbols are not long ints.
?X: Also, we do not make difference between just defined and defined zero.
cat <<EOSH > Cppsym.try
$startsh
cat <<'EOCP' > try.c
#include <stdio.h>
int main() {
EOCP
?X: The length($1) command guards against possible empty entries.
?X: The awk snippet is know to give heartburn to UNICOS/mk awk.
$awk \\
EOSH
cat <<'EOSH' >> Cppsym.try
length($1) > 0 {
    printf "#ifdef %s\n#if %s+0\nprintf(\"%s=%ld\n\", (long)%s);\n#else\nprintf(\"%s\n\");\n#endif\n#endif\n", $1,
$1, $1, $1, $1
    printf "#ifdef __%s\n#if __%s+0\nprintf(\"__%s=%ld\n\",
(long)_%s);\n#else\nprintf(\"_%s\n\");\n#endif\n#endif\n", $1, $1, $1, $1, $1
    printf "#ifdef __%s\n#if __%s+0\nprintf(\"__%s=%ld\n\",
(long)_%s);\n#else\nprintf(\"_%s\n\");\n#endif\n#endif\n",
$1, $1, $1, $1, $1
    printf "#ifdef __%s__\n#if __%s__+0\nprintf(\"__%s__=%ld\n\",
(long)_%s__);\n#else\nprintf(\"__%s__\n\");\n#endif\n#endif\n", $1, $1, $1, $1, $1

```

```

}' >> try.c
echo 'return 0;}' >> try.c
EOSH
cat <<EOSH >> Cppsym.try
flags="$ccflags"
case "$osname-$gccversion" in
irix-) flags="$flags -woff 1178" ;;
os2-*) flags="$flags -Zlinker /PM:VIO" ;;
esac
$cc -o try $optimize $flags $ldflags try.c $libs && $run ./try
EOSH
chmod +x Cppsym.try
$unicefix Cppsym.try
./Cppsym < Cppsym.know > Cppsym.true
: now check the C compiler for additional symbols
?X: suggested by Jarkko Hietaniemi <jhi@snakemail.hut.fi>, thanks!
postprocess_cc_v="
case "$osname" in
aix) postprocess_cc_v="|str , ' "' ;;
esac
$cat >ccsym <<EOS
$startsh
$cat >tmp.c <<EOF
extern int foo;
EOF
for i in ` $cc -v -c tmp.c 2>&1 $postprocess_cc_v `
do
case "$i" in
-D*) echo "$i" | $sed 's/^-D//';;
-A*) $test "$gccversion" && echo "$i" | $sed 's/^-A//' | $sed 's/(.*)/(.*)\^1=2/';;
esac
done
$rm
-f try.c
EOS
postprocess_cc_v="
chmod +x ccsym
$unicefix ccsym
./ccsym > ccsym1.raw
?X: AIX complains if $uniq is passed an empty file. ($sort apparently
?X: doesn't care.) --AD 14 July 1998
if $test -s ccsym1.raw; then
    $sort ccsym1.raw | $uniq >ccsym.raw
else
    mv ccsym1.raw ccsym.raw
fi

```

?X: canonicalize symbols for easier sort/uniq/comm usage: append =1 if no = sign

?X: the awk script must be on two lines for older awk programs, sigh! -- ADO

```
$awk '/^=/ { print $0; next }
{ print $0="1" }' ccsym.raw >ccsym.list
$awk '/^=/ { print $0; next }
{ print $0="1" }' Cppsym.true >ccsym.true
$comm -13 ccsym.true ccsym.list >ccsym.own
$comm -12 ccsym.true ccsym.list >ccsym.com
$comm -23 ccsym.true ccsym.list >ccsym.cpp
also="
if $test -z ccsym.raw; then
echo "Your C compiler doesn't seem to define any symbols!" >&4
echo " "
echo "However, your C preprocessor defines the following symbols:"
$cat Cppsym.true
ccsymbols="
cppsymbols=`$cat Cppsym.true`
ccpsymbols=`echo
$cp symbols`
cppccsymbols="$cppsymbols"
else
if $test -s ccsym.com; then
echo "Your C compiler and pre-processor define these symbols:"
$sed -e 's/(.*)=.*/1/' ccsym.com
also='also '
symbols='ones'
cppccsymbols=`$cat ccsym.com`
cppccsymbols=`echo $cppccsymbols`
$test "$$silent" || sleep 1
fi
if $test -s ccsym.cpp; then
$test "$$also" && echo " "
echo "Your C pre-processor ${also} defines the following symbols:"
$sed -e 's/(.*)=.*/1/' ccsym.cpp
also='further '
cppsymbols=`$cat ccsym.cpp`
cppsymbols=`echo $cppsymbols`
$test "$$silent" || sleep 1
fi
if $test -s ccsym.own; then
$test "$$also" && echo " "
echo "Your C compiler ${also} defines the following cpp symbols:"
$sed -e 's/(.*)=1/1/' ccsym.own
$sed -e 's/(.*)=.*/1/' ccsym.own | $uniq >>Cpsym.true
ccsymbols=`$cat ccsym.own`
ccsymbols=`echo $ccsymbols`
$test "$$silent" || sleep 1
fi
fi
```



```
$rm -f Cppsym.know Cppsym.true
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Cppsym.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getpwent_r.U,v 0RCS:
```

```
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
```

```
?RCS:
```

```
?MAKE:d_getpwent_r getpwent_r_proto: Inlibc Protochk Hasproto i_systypes \  
  usethreads i_pwd extern_C
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_getpwent_r:
```

```
?S: This variable conditionally defines the HAS_GETPWENT_R symbol,
```

```
?S: which indicates to the C program that the getpwent_r()
```

```
?S: routine is available.
```

```
?S:.
```

```
?S:getpwent_r_proto:
```

```
?S: This variable encodes the prototype of getpwent_r.
```

```
?S: It is zero if d_getpwent_r is undef, and one of the
```

```
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwent_r
```

```
?S: is defined.
```

```
?S:.
```

```
?C:HAS_GETPWENT_R:
```

```
?C: This symbol, if defined, indicates that the getpwent_r routine
```

```
?C: is available to
```

```
  getpwent re-entrantly.
```

```
?C:.
```

```
?C:GETPWENT_R_PROTO:
```

```
?C: This symbol encodes the prototype of getpwent_r.
```

```
?C: It is zero if d_getpwent_r is undef, and one of the
```

```
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwent_r
```

```
?C: is defined.
```

```
?C:.
```

```
?H:#$d_getpwent_r HAS_GETPWENT_R /**/
```

```
?H:#define GETPWENT_R_PROTO $getpwent_r_proto /**/
```

```
?H:.
```

```
?T:try hdrs d_getpwent_r_proto
```

```
: see if getpwent_r exists
```

```
set getpwent_r d_getpwent_r
```

```
eval $inlibc
```

```
case "$d_getpwent_r" in
```

```

"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
case "$d_getpwent_r_proto:$susethreads" in
":define") d_getpwent_r_proto=define
set d_getpwent_r_proto getpwent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getpwent_r_proto" in
define)
case "$getpwent_r_proto" in
"|0) try='int getpwent_r(struct passwd*, char*, size_t, struct passwd**);'
./protochk "$extern_C $try" $hdrs && getpwent_r_proto=I_SBWR ;;
esac
case "$getpwent_r_proto" in
"|0) try='int getpwent_r(struct passwd*, char*, int, struct passwd**);'
./protochk
"$extern_C $try" $hdrs && getpwent_r_proto=I_SBIR ;;
esac
case "$getpwent_r_proto" in
"|0) try='struct passwd* getpwent_r(struct passwd*, char*, size_t);'
./protochk "$extern_C $try" $hdrs && getpwent_r_proto=S_SBW ;;
esac
case "$getpwent_r_proto" in
"|0) try='struct passwd* getpwent_r(struct passwd*, char*, int);'
./protochk "$extern_C $try" $hdrs && getpwent_r_proto=S_SBI ;;
esac
case "$getpwent_r_proto" in
"|0) try='int getpwent_r(struct passwd*, char*, int);'
./protochk "$extern_C $try" $hdrs && getpwent_r_proto=I_SBI ;;
esac
case "$getpwent_r_proto" in
"|0) try='int getpwent_r(struct passwd*, char*, int, FILE**);'
./protochk "$extern_C $try" $hdrs && getpwent_r_proto=I_SBIH ;;
esac
case "$getpwent_r_proto" in
"|0) d_getpwent_r=undef
getpwent_r_proto=0
echo "Disabling getpwent_r, cannot determine prototype." >&4 ;;
* ) case "$getpwent_r_proto" in
REENTRANT_PROTO*) ;;
*) getpwent_r_proto="REENTRANT_PROTO_$getpwent_r_proto" ;;
esac
echo
"Prototype: $try" ;;
esac
;;
*) case "$susethreads" in

```

```

define) echo "getpwent_r has no prototype, not using it." >&4 ;;
esac
d_getpwent_r=undef
getpwent_r_proto=0
;;
esac
;;
*) getpwent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getpwent_r.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: pkgsrc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:pkgsrc: src rsrc
?MAKE: -pick add $@ %<
?S:pkgsrc:
?S: This variable holds the absolute path of the package source.
?S:.
?C:PACKAGE_SOURCE_DIR:
?C: Holds the directory name holding the package source.
?C:.
?H:#define PACKAGE_SOURCE_DIR "$pkgsrc"
?H:.
: define absolute package source directory
case "$src" in
/*) pkgsrc=$src;;
*) pkgsrc=`cd $rsrc; pwd`;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/pkgsrc.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$

```

?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.

?RCS:
?MAKE:d_off64_t: \
Inlibc Setvar Compile rm_try cat lseeksize
?MAKE: -pick add \$@ %<
?S:d_off64_t:
?S: This symbol will be defined if the C compiler supports off64_t.
?S:.

?C:HAS_OFF64_T:
?C: This symbol will be defined if the C compiler supports off64_t.
?C:.

?H:#\$d_off64_t HAS_OFF64_T /**/
?H:.

```
?LINT:set d_off64_t
: check for off64_t
echo " "
echo "Checking to see if you have off64_t..." >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#include <unistd.h>
int main() { off64_t x = 7; }
EOCP
set try
if eval $compile; then
  val="$define"
  echo "You have off64_t."
else
  val="$undef"
  echo "You do not have off64_t."
  case "$lseeksize" in
    8) echo "(Your off_t is 64 bits, so you could use that.)" ;;
  esac
fi
$rm_try
set
  d_off64_t
eval $setvar
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_off64_t.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

```

?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_cmsg_hdr_s: Hasstruct i_systypes d_socket i_sysuio Setvar
?MAKE: -pick add $@ %<
?S:d_cmsg_hdr_s:
?S: This variable conditionally defines the HAS_STRUCT_CMSGHDR symbol,
?S: which indicates that the struct cmsghdr is supported.
?S:
?C:HAS_STRUCT_CMSGHDR:
?C: This symbol, if defined, indicates that the struct cmsghdr
?C: is supported.
?C:
?H:#$d_cmsg_hdr_s HAS_STRUCT_CMSGHDR /**/
?H:
?LINT:set d_cmsg_hdr_s
: Check for cmsghdr support
echo " "
echo "Checking to see if your system supports struct cmsghdr..." >&4
set d_cmsg_hdr_s cmsghdr $i_systypes sys/types.h $d_socket sys/socket.h $i_sysuio sys/uio.h
eval $hasstruct
case "$d_cmsg_hdr_s" in
"$define") echo "Yes, it does." ;;
*) echo
"No, it doesn't." ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/d_cmsg_hdr_s.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setpwent.U,v $

```

```

?RCS:

```

```

?RCS: Copyright (c) 1998 Andy Dougherty

```

```

?RCS:

```

```

?RCS: You may distribute under the terms of either the GNU General Public

```

```

?RCS: License or the Artistic License, as specified in the README file.

```

```

?RCS:

```

```

?RCS: $Log: d_setpwent.U,v $

```

```

?RCS:

```

```

?MAKE:d_setpwent: Inlibc

```

```

?MAKE: -pick add $@ %<

```

```

?S:d_setpwent:

```

```

?S: This variable conditionally defines the HAS_SETPWENT symbol, which

```

?S: indicates to the C program that the setpwent() routine is available

?S: for initializing sequential access to the passwd database.

?S:.

?C:HAS_SETPWENT:

?C: This symbol, if defined, indicates that the setpwent routine is

?C: available for initializing sequential access of the passwd database.

?C:.

?H:#\$d_setpwent HAS_SETPWENT /**/

?H:.

?LINT:set d_setpwent

: see if setpwent exists

set setpwent d_setpwent

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setpwent.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_round: Inlibc

?MAKE: -pick add \$@ %<

?S:d_round:

?S: This variable conditionally defines the HAS_ROUND symbol, which

?S: indicates to the C program that the round() routine is available.

?S:.

?C:HAS_ROUND:

?C: This symbol, if defined, indicates that the round routine is

?C: available to round to nearest integer, away from zero.

?C:.

?H:#\$d_round HAS_ROUND /**/

?H:.

?LINT:set d_round

: see if round exists

set round d_round

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_round.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999-2016 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

```
?MAKE:d_PRIfldbl sPRIfldbl d_PRIgldbl d_PRIFUldbl sPRIGUldbl d_PRIEUldbl \  
sPRIgldbl d_PRIeldbl sPRIeldbl sPRIFUldbl d_PRIGUldbl sPRIEUldbl \  
d_SCNfldbl d_double_style_vax d_double_style_ieee \  
d_double_style_ibm d_double_style_cray d_double_has_subnormals \  
d_double_has_inf d_double_has_nan d_double_has_negative_zero \  
sSCNfldbl doublekind: \  
d_longdbl longdblsize doublesize uselongdouble test echo cat rm_try \  
Setvar Compile run i_stdlib osname gccversion ccfags
```

?MAKE: -pick add \$@ %<

?S:doublekind:

?S: This variable, if defined, encodes the type of a double:

?S: 1 = IEEE 754 32-bit little endian,

?S: 2 = IEEE 754 32-bit big endian,

?S: 3 = IEEE 754 64-bit little endian,

?S: 4 = IEEE

754 64-bit big endian,

?S: 5 = IEEE 754 128-bit little endian,

?S: 6 = IEEE 754 128-bit big endian,

?S: 7 = IEEE 754 64-bit mixed endian le-be,

?S: 8 = IEEE 754 64-bit mixed endian be-le,

?S: 9 = VAX 32bit little endian F float format

?S: 10 = VAX 64bit little endian D float format

?S: 11 = VAX 64bit little endian G float format

?S: 12 = IBM 32bit format

?S: 13 = IBM 64bit format

?S: 14 = Cray 64bit format

?S: -1 = unknown format.

?S:.

?S:d_PRIfldbl:

?S: This variable conditionally defines the PERL_PRIfldbl symbol, which

?S: indicates that stdio has a symbol to print long doubles.

?S:.

?S:d_PRIgldbl:

?S: This variable conditionally defines the PERL_PRIfldbl symbol, which

?S: indicates that stdio has a symbol to print long doubles.

?S:.

?S:d_PRIeldbl:

?S: This variable conditionally defines the PERL_PRIfldbl symbol, which

?S: indicates that stdio has a symbol to print long doubles.

?S:.

?S:d_PRIFUldbl:

?S: This variable conditionally defines the PERL_PRIfldbl symbol, which

?S: indicates

that stdio has a symbol to print long doubles.

?S: The 'U' in the name is to separate this from d_PRIfldbl so that even

?S: case-blind systems can see the difference.
?S:.
?S:d_PRIGUdbl:
?S: This variable conditionally defines the PERL_PRIfldbl symbol, which
?S: indicates that stdio has a symbol to print long doubles.
?S: The 'U' in the name is to separate this from d_PRIgdbl so that even
?S: case-blind systems can see the difference.
?S:.
?S:d_PRIEUdbl:
?S: This variable conditionally defines the PERL_PRIfldbl symbol, which
?S: indicates that stdio has a symbol to print long doubles.
?S: The 'U' in the name is to separate this from d_PRIeldbl so that even
?S: case-blind systems can see the difference.
?S:.
?S:d_SCNfldbl:
?S: This variable conditionally defines the PERL_PRIfldbl symbol, which
?S: indicates that stdio has a symbol to scan long doubles.
?S:.
?S:sPRIfldbl:
?S: This variable, if defined, contains the string used by stdio to
?S: format long doubles (format 'f') for
output.
?S:.
?S:sPRIgdbl:
?S: This variable, if defined, contains the string used by stdio to
?S: format long doubles (format 'g') for output.
?S:.
?S:sPRIeldbl:
?S: This variable, if defined, contains the string used by stdio to
?S: format long doubles (format 'e') for output.
?S:.
?S:sPRIFUdbl:
?S: This variable, if defined, contains the string used by stdio to
?S: format long doubles (format 'F') for output.
?S: The 'U' in the name is to separate this from sPRIfldbl so that even
?S: case-blind systems can see the difference.
?S:.
?S:sPRIGUdbl:
?S: This variable, if defined, contains the string used by stdio to
?S: format long doubles (format 'G') for output.
?S: The 'U' in the name is to separate this from sPRIgdbl so that even
?S: case-blind systems can see the difference.
?S:.
?S:sPRIEUdbl:
?S: This variable, if defined, contains the string used by stdio to
?S: format long doubles (format 'E') for output.
?S: The 'U' in the name is to separate this from sPRIeldbl so that even
?S: case-blind

systems can see the difference.

?S:.

?S:sSCNfldbl:

?S: This variable, if defined, contains the string used by stdio to

?S: format long doubles (format 'f') for input.

?S:.

?S:d_double_has_inf:

?S: This variable conditionally defines the symbol DOUBLE_HAS_INF

?S: which indicates that the double type has an infinity.

?S:.

?S:d_double_has_nan:

?S: This variable conditionally defines the symbol DOUBLE_HAS_NAN

?S: which indicates that the double type has a not-a-number.

?S:.

?S:d_double_has_negative_zero:

?S: This variable conditionally defines the symbol DOUBLE_HAS_NEGATIVE_ZERO

?S: which indicates that the double type has a negative zero.

?S:.

?S:d_double_has_subnormals:

?S: This variable conditionally defines the symbol DOUBLE_HAS_SUBNORMALS

?S: which indicates that the double type has subnormals (denormals).

?S:.

?S:d_double_style_cray:

?S: This variable conditionally defines the symbol DOUBLE_STYLE_CRAY

?S: which indicates that the double is the 64-bit CRAY mainframe
format.

?S:.

?S:d_double_style_ibm:

?S: This variable conditionally defines the symbol DOUBLE_STYLE_IBM,

?S: which indicates that the double is the 64-bit IBM mainframe format.

?S:.

?S:d_double_style_ieee:

?S: This variable conditionally defines the symbol DOUBLE_STYLE_IEEE,

?S: which indicates that the double is the 64-bit IEEE 754.

?S:.

?S:d_double_style_vax:

?S: This variable conditionally defines the symbol DOUBLE_STYLE_VAX,

?S: which indicates that the double is the 64-bit VAX format D or G.

?S:.

?C:PERL_PRIfldbl:

?C: This symbol, if defined, contains the string used by stdio to

?C: format long doubles (format 'f') for output.

?C:.

?C:PERL_PRIgldbl:

?C: This symbol, if defined, contains the string used by stdio to

?C: format long doubles (format 'g') for output.

?C:.

?C:PERL_PRIeldbl:

?C: This symbol, if defined, contains the string used by stdio to
?C: format long doubles (format 'e') for output.
?C:.
?C:PERL_PRIfldbl:
?C: This symbol, if defined, contains the string used by stdio
to
?C: format long doubles (format 'f') for output.
?C:.
?C:PERL_PRIGldbl:
?C: This symbol, if defined, contains the string used by stdio to
?C: format long doubles (format 'g') for output.
?C:.
?C:PERL_PRIEdbl:
?C: This symbol, if defined, contains the string used by stdio to
?C: format long doubles (format 'e') for output.
?C:.
?C:PERL_SCNfldbl:
?C: This symbol, if defined, contains the string used by stdio to
?C: format long doubles (format 'f') for input.
?C:.
?C:DOUBLEKIND:
?C: DOUBLEKIND will be one of
?C: DOUBLE_IS_IEEE_754_32_BIT_LITTLE_ENDIAN
?C: DOUBLE_IS_IEEE_754_32_BIT_BIG_ENDIAN
?C: DOUBLE_IS_IEEE_754_64_BIT_LITTLE_ENDIAN
?C: DOUBLE_IS_IEEE_754_64_BIT_BIG_ENDIAN
?C: DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN
?C: DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN
?C: DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_LE_BE
?C: DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_BE_LE
?C: DOUBLE_IS_VAX_F_FLOAT
?C: DOUBLE_IS_VAX_D_FLOAT
?C: DOUBLE_IS_VAX_G_FLOAT
?C: DOUBLE_IS_IBM_SINGLE_32_BIT
?C: DOUBLE_IS_IBM_DOUBLE_64_BIT
?C: DOUBLE_IS_CRAY_SINGLE_64_BIT
?C: DOUBLE_IS_UNKNOWN_FORMAT
?C:.
?C:DOUBLE_HAS_INF:
?C: This
symbol, if defined, indicates that the double has
?C: the infinity.
?C:.
?C:DOUBLE_HAS_NAN:
?C: This symbol, if defined, indicates that the double has
?C: the not-a-number.
?C:.
?C:DOUBLE_HAS_NEGATIVE_ZERO:

?C: This symbol, if defined, indicates that the double has
?C: the negative_zero.
?C:.
?C:DOUBLE_HAS_SUBNORMALS:
?C: This symbol, if defined, indicates that the double has
?C: the subnormals (denormals).
?C:.
?C:DOUBLE_STYLE_CRAY:
?C: This symbol, if defined, indicates that the double is
?C: the 64-bit CRAY mainframe format.
?C:.
?C:DOUBLE_STYLE_IBM:
?C: This symbol, if defined, indicates that the double is
?C: the 64-bit IBM mainframe format.
?C:.
?C:DOUBLE_STYLE_IEEE:
?C: This symbol, if defined, indicates that the double is
?C: the 64-bit IEEE 754.
?C:.
?C:DOUBLE_STYLE_VAX:
?C: This symbol, if defined, indicates that the double is
?C: the 64-bit VAX format D or G.
?C:.
?LINT:known
DOUBLE_IS_IEEE_754_32_BIT_LITTLE_ENDIAN
?LINT:known DOUBLE_IS_IEEE_754_32_BIT_BIG_ENDIAN
?LINT:known DOUBLE_IS_IEEE_754_64_BIT_LITTLE_ENDIAN
?LINT:known DOUBLE_IS_IEEE_754_64_BIT_BIG_ENDIAN
?LINT:known DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN
?LINT:known DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN
?LINT:known DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_LE_BE
?LINT:known DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_BE_LE
?LINT:known DOUBLE_IS_VAX_F_FLOAT
?LINT:known DOUBLE_IS_VAX_D_FLOAT
?LINT:known DOUBLE_IS_VAX_G_FLOAT
?LINT:known DOUBLE_IS_IBM_SINGLE_32_BIT
?LINT:known DOUBLE_IS_IBM_DOUBLE_64_BIT
?LINT:known DOUBLE_IS_CRAY_SINGLE_64_BIT
?LINT:known DOUBLE_IS_UNKNOWN_FORMAT
?H:#define DOUBLEKIND \$doublekind /**/
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_32_BIT_LITTLE_ENDIAN 1
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_32_BIT_BIG_ENDIAN 2
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_64_BIT_LITTLE_ENDIAN 3
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_64_BIT_BIG_ENDIAN 4
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN 5
?H:?DOUBLEKIND:#define
DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN 6
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_LE_BE 7

```

?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_BE_LE 8
?H:?DOUBLEKIND:#define DOUBLE_IS_VAX_F_FLOAT 9
?H:?DOUBLEKIND:#define DOUBLE_IS_VAX_D_FLOAT 10
?H:?DOUBLEKIND:#define DOUBLE_IS_VAX_G_FLOAT 11
?H:?DOUBLEKIND:#define DOUBLE_IS_IBM_SINGLE_32_BIT 12
?H:?DOUBLEKIND:#define DOUBLE_IS_IBM_DOUBLE_64_BIT 13
?H:?DOUBLEKIND:#define DOUBLE_IS_CRAY_SINGLE_64_BIT 14
?H:?DOUBLEKIND:#define DOUBLE_IS_UNKNOWN_FORMAT -1
?H:#$d_PRIfldbl PERL_PRIfldbl $sPRIfldbl /**/
?H:#$d_PRIgldbl PERL_PRIgldbl $sPRIgldbl /**/
?H:#$d_PRIeldbl PERL_PRIeldbl $sPRIeldbl /**/
?H:#$d_PRIFUldbl PERL_PRIFldbl $sPRIFUldbl /**/
?H:#$d_PRIGUldbl PERL_PRIGldbl $sPRIGUldbl /**/
?H:#$d_PRIEUldbl PERL_PRIEldbl $sPRIEUldbl /**/
?H:#$d_SCNfldbl PERL_SCNfldbl $sSCNfldbl /**/
?H:#$d_double_has_inf DOUBLE_HAS_INF
?H:#$d_double_has_nan DOUBLE_HAS_NAN
?H:#$d_double_has_negative_zero
DOUBLE_HAS_NEGATIVE_ZERO
?H:#$d_double_has_subnormals DOUBLE_HAS_SUBNORMALS
?H:#$d_double_style_cray DOUBLE_STYLE_CRAY
?H:#$d_double_style_ibm DOUBLE_STYLE_IBM
?H:#$d_double_style_ieee DOUBLE_STYLE_IEEE
?H:#$d_double_style_vax DOUBLE_STYLE_VAX
?H:.
?T:yyy message saveccflags
?F:!try
?LINT:change ccflags
?LINT:change uselongdouble
: Check what kind of doubles your system has
$echo "Checking the kind of doubles you have..." >&4
$cat >try.c <<EOP
#$i_stdlib I_STDLIB
#define DOUBLESIZE $doublesize
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <stdio.h>
static const double d = -0.1;
int main() {
    unsigned const char* b = (unsigned const char*)&d;
    #if DOUBLESIZE == 4
    if (b[0] == 0xCD && b[3] == 0xBD) {
        /* IEEE 754 32-bit little-endian */
        printf("1\n");
        exit(0);
    }
    if (b[0] == 0xBD && b[3] == 0xCD) {

```

```

/* IEEE 754 32-bit big-endian */
printf("2\n");
exit(0);
}
if (b[0] == 0xCC && b[3] == 0xCC) {
/* VAX format F, 32-bit
PDP-style mixed endian. */
printf("9\n");
exit(0);
}
if (b[0] == 0xC0 && b[3] == 0x9A) {
/* IBM single 32-bit */
printf("12\n");
exit(0);
}
#endif
#if DOUBLESIZE == 8
if (b[0] == 0x9A && b[7] == 0xBF) {
/* IEEE 754 64-bit little-endian */
printf("3\n");
exit(0);
}
if (b[0] == 0xBF && b[7] == 0x9A) {
/* IEEE 754 64-bit big-endian */
printf("4\n");
exit(0);
}
if (b[0] == 0x99 && b[3] == 0xBF && b[4] == 0x9A && b[7] == 0x99) {
/* ARM mixed endian: two little-endian 32-bit floats, in big endian order:
* 4 5 6 7 0 1 2 3 (MSB = 7, LSB = 0)
* 99 99 b9 bf 9a 99 99 99 */
printf("7\n");
exit(0);
}
if (b[0] == 0x99 && b[3] == 0x9A && b[4] == 0xBF && b[7] == 0x99) {
/* The opposite of case 7, mixed endian: two big-endian 32-bit floats,
* in little endian order: 3 2 1 0 7 6 5 4 (MSB = 7, LSB = 0)
* 99 99 99 9a bf b9 99 99 */
printf("8\n");
exit(0);
}
if (b[0] == 0xCC && b[7] == 0xCC) {
/* VAX
format D, 64-bit PDP-style mixed endian. */
printf("10\n");
exit(0);
}
if (b[0] == 0xD9 && b[7] == 0x99) {

```

```

/* VAX format G, 64-bit PDP-style mixed endian. */
printf("11\n");
exit(0);
}
if (b[0] == 0xC0 && b[7] == 0x9A) {
/* IBM double 64-bit */
printf("13\n");
exit(0);
}
if (b[0] == 0xBF && b[7] == 0xCD) {
/* CRAY single 64-bit */
printf("14\n");
exit(0);
}
}
#endif
#if DOUBLESIZE == 16
if (b[0] == 0x9A && b[15] == 0xBF) {
/* IEEE 754 128-bit little-endian */
printf("5\n");
exit(0);
}
if (b[0] == 0xBF && b[15] == 0x9A) {
/* IEEE 754 128-bit big-endian */
printf("6\n");
exit(0);
}
}
#endif
/* Then there are old mainframe/miniframe formats like IBM and CRAY.
* Whether those environments can still build Perl is debatable. */
printf("-1\n"); /* unknown */
exit(0);
}
EOP
set try
if eval $compile; then
doublekind=`$run ./try`
else
doublekind=-1
fi
case "$doublekind" in
1) echo "You have IEEE
754 32-bit little endian doubles." >&4 ;;
2) echo "You have IEEE 754 32-bit big endian doubles." >&4 ;;
3) echo "You have IEEE 754 64-bit little endian doubles." >&4 ;;
4) echo "You have IEEE 754 64-bit big endian doubles." >&4 ;;
5) echo "You have IEEE 754 128-bit little endian doubles." >&4 ;;
6) echo "You have IEEE 754 128-bit big endian doubles." >&4 ;;
7) echo "You have IEEE 754 64-bit mixed endian doubles (32-bit LEs in BE)." >&4 ;;

```

```

8) echo "You have IEEE 754 64-bit mixed endian doubles (32-bit BEs in LE)." >&4 ;;
9) echo "You have VAX format F 32-bit PDP-style mixed endian doubles." >&4 ;;
10) echo "You have VAX format D 64-bit PDP-style mixed endian doubles." >&4 ;;
11) echo "You have VAX format G 64-bit PDP-style mixed endian doubles." >&4 ;;
12) echo "You have IBM short 32-bit doubles." >&4 ;;
13) echo "You have IBM long 64-bit doubles." >&4 ;;
14) echo "You have Cray single 64-bit doubles." >&4 ;;
*) echo "Cannot figure out your double. You Cyber, or something?" >&4 ;;
esac
d_double_style_ieee=$undef
d_double_style_vax=$undef
d_double_style_ibm=$undef
d_double_style_cray=$undef
case
"$doublekind" in
1|2|3|4|5|6|7|8) d_double_style_ieee=$define ;;
9|10|11) d_double_style_vax=$define ;;
12|13) d_double_style_ibm=$define ;;
14) d_double_style_cray=$define ;;
esac
case "$d_double_style_ieee" in
$define)
d_double_has_inf=$define
d_double_has_nan=$define
d_double_has_negative_zero=$define
d_double_has_subnormals=$define
;;
*)
d_double_has_inf=$undef
d_double_has_nan=$undef
d_double_has_negative_zero=$undef
d_double_has_subnormals=$undef
;;
esac
$rm_try

: Check print/scan long double stuff
echo " "

if $test X"$d_longdbl" = X"$define"; then

echo "Checking how to print long doubles..." >&4

if $test X"$sPRIfldbl" = X -a X"$doublesize" = X"$longdblsize"; then
$cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {

```

```

double d = 123.456;
printf("%.3f\n", d);
}
EOCP
set try
if eval $compile; then
yyy=`$run
./try`
case "$yyy" in
123.456)
sPRIfldbl="f"; sPRIGldbl="g"; sPRIeldbl="e";
sPRIFUldbl="F"; sPRIGUldbl="G"; sPRIEUldbl="E";
echo "We will use %f."
;;
esac
fi
fi

if $test X"$sPRIfldbl" = X; then
$cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
long double d = 123.456;
printf("%.3Lf\n", d);
}
EOCP
set try
if eval $compile; then
yyy=`$run ./try`
case "$yyy" in
123.456)
sPRIfldbl="Lf"; sPRIGldbl="Lg"; sPRIeldbl="Le";
sPRIFUldbl="LF"; sPRIGUldbl="LG"; sPRIEUldbl="LE";
echo "We will use %Lf."
;;
esac
fi
fi

if $test X"$sPRIfldbl" = X; then
$cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
long double d = 123.456;
printf("%.3llf\n", d);
}

```



```
EOCP
set try
if eval $compile; then
yyy=`$run ./try`
case "$yyy" in
123.456)
sPRIfldbl="lf"; sPRIGldbl="lg"; sPRIeldbl="le";
sPRIFUldbl="lF"; sPRIGUldbl="lG"; sPRIEUldbl="lE";
echo "We
will use %lf."
;;
esac
fi
fi
```

```
if $test X"$sPRIfldbl" = X; then
```

```
$cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
long double d = 123.456;
printf("%.3lf\n", d);
}
```

```
EOCP
```

```
set try
if eval $compile; then
yyy=`$run ./try`
case "$yyy" in
123.456)
sPRIfldbl="lf"; sPRIGldbl="lg"; sPRIeldbl="le";
sPRIFUldbl="lF"; sPRIGUldbl="lG"; sPRIEUldbl="lE";
echo "We will use %lf."
;;
esac
fi
fi
```

```
if $test X"$sPRIfldbl" = X; then
```

```
echo "Cannot figure out how to print long doubles." >&4
else
sSCNfldbl=$sPRIfldbl # expect consistency
fi
```

```
$rm_try
```

```
fi # d_longdbl
```

```
case "$sPRIfldbl" in
```

```
) d_PRIfldbl="$undef"; d_PRIgldbl="$undef"; d_PRIeldbl="$undef";
d_PRIFUdbl="$undef"; d_PRIGUdbl="$undef"; d_PRIEUdbl="$undef";
d_SCNfldbl="$undef";
;;
*) d_PRIfldbl="$define"; d_PRIgldbl="$define"; d_PRIeldbl="$define";
d_PRIFUdbl="$define"; d_PRIGUdbl="$define"; d_PRIEUdbl="$define";
d_SCNfldbl="$define";
;;
esac
```

: Before committing on uselongdouble,

see whether that looks sane.

```
if $test "$uselongdouble" = "$define"; then
```

```
  message=""
```

```
  echo " "
```

```
  echo "Checking if your long double math functions work right..." >&4
```

```
  $cat > try.c <<EOF
```

```
#include <math.h>
```

```
#include <stdio.h>
```

```
int main() {
```

```
  printf("% " $PRIgldbl "\n", sqrtl(logl(expl(cosl(sinl(0.0L))))+powl(2.0L, 3.0L)));
```

```
}
```

```
EOF
```

```
  case "$osname:$gccversion" in
```

```
    aix:~) saveccflags="$ccflags"
```

```
    ccflags="$ccflags -qlongdouble" ;; # to avoid core dump
```

```
  esac
```

```
  set try
```

```
  if eval $compile_ok; then
```

```
    yyy=`$run ./try`
```

```
  fi
```

```
  case "$yyy" in
```

```
    3) echo "Your long double math functions are working correctly." >&4 ;;
```

```
    *) echo "Your long double math functions are broken, not using long doubles." >&4
```

```
      uselongdouble=$undef
```

```
      ;;
```

```
  esac
```

```
  $rm_try
```

```
  case "$osname:$gccversion" in
```

```
    aix:~) ccflags="$saveccflags" ;; # restore
```

```
  esac
```

```
fi
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/longdblfiio.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_msg.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:37 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_msg: test d_msgctl d_msgget d_msgsnd d_msgrcv Setvar Findhdr osname
?MAKE: -pick add $@ %<
?S:d_msg:
?S: This variable conditionally defines the HAS_MSG symbol, which
?S: indicates that the entire msg*(2) library is present.
?S:.
?C:HAS_MSG:
?C: This symbol, if defined, indicates that the entire msg*(2) library is
?C: supported (IPC mechanism based on message queues).
?C:.
?H:#$d_msg
HAS_MSG /**/
?H:.
?T:h_msg
?LINT:set d_msg
: see how much of the 'msg*(2)' library is present.
h_msg=true
echo " "
case "$d_msgctl$d_msgget$d_msgsnd$d_msgrcv" in
*"$undef"*) h_msg=false;;
esac
case "$osname" in
freebsd)
case "`ipcs 2>&1`" in
"SVID messages"*"not configured"*)
echo "Your $osname does not have the msg*(2) configured." >&4
h_msg=false
val="$undef"
set msgctl d_msgctl
eval $setvar
set msgget d_msgget
eval $setvar
set msgsnd d_msgsnd
eval $setvar

```

```

set msgrcv d_msgrcv
eval $setvar
;;
  esac
  ;;
esac
: we could also check for sys/ipc.h ...
if $h_msg && $stest `./findhdr sys/msg.h`; then
echo "You have the full msg*(2) library." >&4
val="$define"
else
echo "You don't have the full msg*(2) library." >&4
val="$undef"
fi
set d_msg
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msg.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: nis.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 16:17:38 ram

?RCS: patch61: ensure suitable defaults for hostcat and friends

?RCS:

?RCS: Revision 3.0.1.2 1995/03/21 08:48:34 ram

?RCS: patch52: continued fix for NeXT NIS/NetInfo handling

?RCS:

?RCS: Revision 3.0.1.1 1995/02/15 14:16:23 ram

?RCS: patch51: now correctly handles NeXT using NIS rather than NetInfo

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:24 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:passcat groupcat hostcat:

Myread Oldconfig test contains

?MAKE: -pick add \$@ %<

?S:passcat:

?S: This variable contains a command that produces the text of the
?S: /etc/passwd file. This is normally "cat /etc/passwd", but can be
?S: "ypcat passwd" when NIS is used.

?S:.

?S:groupcat:

?S: This variable contains a command that produces the text of the
?S: /etc/group file. This is normally "cat /etc/group", but can be
?S: "ypcat group" when NIS is used.

?S:.

?S:hostcat:

?S: This variable contains a command that produces the text of the
?S: /etc/hosts file. This is normally "cat /etc/hosts", but can be
?S: "ypcat hosts" when NIS is used.

?S:.

: see if we have to deal with yellow pages, now NIS.

?X: NeXT gives us some fun here, as always, by having both NIS (former YP)

?X: and NetInfo. But since it has both, it's ok to put the test inside the if.

?X: Contributed by Thomas Neumann <tom@smart.bo.open.de>.

```
if $test -d /usr/etc/yp || $test -d /etc/yp || $test -d /usr/lib/yp; then
```

```
if $test -f /usr/etc/nibinidd; then
```

```
echo
```

```
" "
```

```
echo "I'm fairly confident you're on a NeXT."
```

```
@if passcat || groupcat
```

```
echo " "
```

```
rp='Do you get the passwd file via NetInfo?'
```

```
dflt=y
```

```
case "$passcat" in
```

```
nidump*) ;;
```

```
");;
```

```
*) dflt=n;;
```

```
esac
```

```
./myread
```

```
case "$ans" in
```

```
y*) passcat='nidump passwd .'
```

```
@if groupcat
```

```
echo "(Assuming /etc/group is also distributed.)"
```

```
groupcat='nidump group .'
```

```
@end
```

```
::
```

```
*) echo "You told me, so don't blame me."
```

```
case "$passcat" in
```

```
nidump*) passcat="
```

```
@if groupcat
```

```
groupcat="";;
```

```
@end
```

```
esac
```

```

@if groupcat
    echo "(Assuming /etc/group is handled the same way.)"
@end
;;
esac
@end
@if hostcat
    echo " "
    rp='Do you get the hosts file via NetInfo?'
    dflt=y
    case "$hostcat" in
        nidump*) ;;
        *) dflt=n;;
    esac
    . ./myread
    case "$ans" in
        y*) hostcat='nidump hosts .';;
        *) case "$hostcat" in
            nidump*) hostcat="";;
            esac
            ;;
        esac
    @end
fi
@if passcat || groupcat
    case "$passcat" in
        nidump*) ;;
        *)
            case "$passcat" in
                *ypcat*) dflt=y;;
            *)
                if $contains '^\\+' /etc/passwd >/dev/null 2>&1; then
                    dflt=y
                else
                    dflt=n
                fi;;
            *) dflt=n;;
        esac
        echo " "
        rp='Are you getting the passwd file via yellow pages?'
        . ./myread
        case "$ans" in
            y*) passcat='ypcat passwd'
        @if groupcat
            echo "(Assuming /etc/group is also distributed.)"
            groupcat='ypcat group'
        @end

```

```

;;
*) passcat='cat /etc/passwd'
@if groupcat
  echo "(Assuming /etc/group is also local.)"
  groupcat='cat /etc/group'
@end
;;
esac
;;
esac
@end
@if hostcat
case "$hostcat" in
nidump*) ;;
*)
  case "$hostcat" in
  *ypcat*) dflt=y;;
  *) if $contains '^+' /etc/passwd >/dev/null 2>&1; then
    dflt=y
  else
    dflt=n
  fi;;
  *) dflt=n;;
  esac
echo " "
rp='Are you getting the hosts file via yellow pages?'
./myread
case "$ans" in
y*) hostcat='ypcat hosts';;
*) hostcat='cat /etc/hosts';;
  esac
;;
esac
@end
fi
?X: Ensure suitable default -- Manoj Srivastava
case "$hostcat" in
") hostcat=':
$test -f /etc/hosts && hostcat='cat
/etc/hosts';;
  esac
case "$groupcat" in
") groupcat=':
$test -f /etc/group && groupcat='cat /etc/group';;
  esac
case "$passcat" in
") passcat=':
$test -f /etc/passwd && passcat='cat /etc/passwd';;

```

esac

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/nis.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_fchown.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_fchown.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:01 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_fchown: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fchown:

?S: This variable conditionally defines the HAS_FCHOWN symbol, which

?S: indicates to the C program that the fchown() routine is available

?S: to change ownership of opened files.

?S:.

?C:HAS_FCHOWN (FCHOWN):

?C: This symbol, if defined, indicates that the fchown routine is available

?C: to

change ownership of opened files. If unavailable, use chown().

?C:.

?H:#\$d_fchown HAS_FCHOWN /**/

?H:.

?LINT:set d_fchown

: see if fchown exists

set fchown d_fchown

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fchown.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_fp.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_fp: Inhdr
?MAKE: -pick add \$@ %<
?S:i_fp:
?S: This variable conditionally defines the I_FP symbol, and indicates
?S: whether a C program should include <fp.h>.
?S:.
?C:I_FP:
?C: This symbol, if defined, indicates that <fp.h> exists and
?C: should be included.
?C:.
?H:#\$i_fp I_FP /**/
?H:.
?LINT:set i_fp
: see if this is a fp.h system
set fp.h i_fp
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_fp.U

No license file was found, but licenses were detected in source scan.

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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_lgamma_r: Inlibc
?MAKE: -pick add \$@ %<
?S:d_lgamma_r:
?S: This variable conditionally defines the HAS_LGAMMA_R symbol, which
?S: indicates to the C program that the lgamma_r() routine is available
?S: for the log gamma function, without using the global signgam variable.
?S:.
?C:HAS_LGAMMA_R:
?C: This symbol, if defined, indicates that the lgamma_r routine is
?C: available to do the log gamma function without using the global
?C: signgam variable.
?C:.
?H:#\$d_lgamma_r HAS_LGAMMA_R /**/
?H:.
?LINT:set d_lgamma_r
: see if lgamma_r exists
set lgamma_r d_lgamma_r
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lgamma_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_isfinitel: Inlibc

?MAKE: -pick add \$@ %<

?S:d_isfinitel:

?S: This variable conditionally defines the HAS_ISFINITEL symbol, which

?S: indicates to the C program that the isfinitel() routine is available.

?S:.

?C:HAS_ISFINITEL:

?C: This symbol, if defined, indicates that the isfinitel routine is

?C: available to check whether a long double is finite.

?C: (non-infinity non-NaN).

?C:.

?H:#\$d_isfinitel HAS_ISFINITEL /**/

?H:.

?LINT:set d_isfinitel

: see if isfinitel exists

set isfinitel d_isfinitel

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isfinitel.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Inlibc.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

?RCS: \$Log: Inlibc.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 15:55:08 ram

?RCS: patch36: call ./whoa explicitly instead of relying on PATH

```

?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:03 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit checks for the definition of a given function.
?X:
?X: To use it, say:
?X: set function d_func
?X: eval $inlibc
?X:
?MAKE:Inlibc: Csym Whoa Oldconfig
?MAKE: -pick add $@ %<
?LINT:define inlibc
?V:inlibc
?S:inlibc:
?S: This
    shell variable is used internally by Configure to check
?S: wether a given function is defined or not. A typical use is:
?S: set function d_func
?S: eval $inlibc
?S: That will print a message, saying wether function was found or
?S: not and set d_func accordingly.
?S:.
?T:was tx sym tres td tu var
: define an is-in-libc? function
inlibc='echo " "; td=$define; tu=$undef;
sym=$1; var=$2; eval "was=\$2";
tx=yes;
case "$reuseval$was" in
true) ;;
true*) tx=no;;
esac;
case "$tx" in
yes)
set $sym tres -f;
eval $csym;
case "$tres" in
true)
echo "$sym() found." >&4;
case "$was" in $undef) ./whoa; esac; eval "$var=\$td";
*)
echo "$sym() NOT found." >&4;
case "$was" in $define) ./whoa; esac; eval "$var=\$tu";
esac;;
*)
case "$was" in
$define) echo "$sym() found." >&4;;

```

```
*) echo "$sym() NOT found." >&4;;
esac;;
esac'
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Inlibc.U
```

No license file was found, but licenses were detected in source scan.

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?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: floatsize.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:17:09 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:floatsize: cat rm Myread +cc +ccflags

?MAKE: -pick add \$@ %<

?S:floatsize:

?S: This variable contains the value of the FLOATSIZE symbol, which

?S: indicates to the C program how many bytes there are in a float.

?S:.

?C:FLOATSIZE:

?C: This symbol contains the size of

a float, so that the C preprocessor

?C: can make decisions based on it.

?C:.

?H:#define FLOATSIZE \$floatsize /**/

?H:.

?F:!try

: check for length of float

echo " "

case "\$floatsize" in

")

echo "Checking to see how big your floating point numbers are..." >&4

\$cat >try.c <<'EOCP'

#include <stdio.h>

int main()

```

{
printf("%d\n", sizeof(float));
}
EOCP
if $cc $ccflags -o try try.c >/dev/null 2>&1 ; then
dflt=`./try`
else
dflt='4'
echo "(I can't seem to compile the test program. Guessing...)"
fi
;;
*)
dflt="$floatsize"
;;
esac
rp="What is the size of a floating point number (in bytes)?"
./myread
floatsize="$ans"
$rm -f try.c try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/floatsize.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_getfsstat : Inlibc

?MAKE: -pick add \$@ %<

?S:d_getfsstat:

?S: This variable conditionally defines the HAS_GETFSSTAT symbol, which

?S: indicates to the C program that the getfsstat() routine is available.

?S:.

?C:HAS_GETFSSTAT:

?C: This symbol, if defined, indicates that the getfsstat routine is

?C: available to stat filesystems in bulk.

?C:.

?H:#\$d_getfsstat HAS_GETFSSTAT /**/

?H:.

?LINT:set d_getfsstat

: see if getfsstat exists

set getfsstat d_getfsstat

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getfsstat.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Instruct.U,v 3.0.1.3 1997/02/28 15:02:55 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: Instruct.U,v $
```

```
?RCS: Revision 3.0.1.3 1997/02/28 15:02:55 ram
```

```
?RCS: patch61: logname / whoami sequence rewritten to use case
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.2 1995/02/15 14:11:34 ram
```

```
?RCS: patch51: author name now appears at the end of the paragraph (WED)
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1995/01/11 15:12:05 ram
```

```
?RCS: patch45: now documents the & escape to turn -d on at the read prompt
```

```
?RCS:
```

```
?RCS: Revision 3.0 1993/08/18 12:05:04 ram
```

```
?RCS: Baseline for
```

```
dist 3.0 netwide release.
```

```
?RCS:
```

```
?X:
```

```
?X: This unit spew out the directions that we want everyone to read. I try to
```

```
?X: keep the first "pagefull" much less than a page since they don't know it
```

```
?X: isn't going to go shooting off the top of the screen, and we don't want
```

```
?X: to panic them yet.
```

```
?X:
```

```
?MAKE:Instruct: Myread Configdir Devel contains
```

```
?MAKE: -pick wipe $@ %<
```

```
?T:user needman firsttime
```

```
: general instructions
```

```
needman=true
```

```
firsttime=true
```

```
user=`(logname) 2>/dev/null`
```

```
case "$user" in
```

```
) user=`whoami 2>&1`;;
```

```
esac
```

```
if $contains "^$user$" ../.config/instruct >/dev/null 2>&1; then
```

```
firsttime=false
```

```

echo " "
rp='Would you like to see the instructions?'
dflt=n
. ./myread
case "$ans" in
[yY]*) ;;
*) needman=false;;
esac
fi
if $needman; then
cat <<EOH

```

This installation shell script will examine your system and ask you questions to determine how the <PACKAGENAME> package should be installed. If you get stuck on a question, you may use a ! shell escape to start a subshell or execute a command. Many of the questions will have default answers in square brackets; typing carriage return will give you the default.

On some of the questions which ask for file or directory names you are allowed to use the ~name construct to specify the login directory belonging to "name", even if you don't have a shell which knows about that. Questions where this is allowed will be marked "(~name ok)".

```

EOH
rp="
dflt='Type carriage return to continue'
. ./myread
cat <<'EOH'

```

The prompter used in this script allows you to use shell variables and backticks in your answers. You may use \$1, \$2, etc... to refer to the words in the default answer, as if the default line was a set of arguments given to a script shell. This means you may also use \$* to repeat the whole default line, so you do not have to re-type everything to add something to the default.

Every time there is a substitution, you will have to confirm. If there is an error (e.g. an unmatched backtick), the default answer will remain unchanged and you will be prompted again.

If you are in a hurry, you may run 'Configure -d'. This will bypass nearly all the questions and use the computed defaults (or the previous answers if there was already a config.sh file). Type 'Configure -h' for a list of options. You may also start interactively and then answer '& -d' at any prompt to turn on the non-interactive behaviour for the remainder of the execution.

```

EOH

```

```
./myread
cat <<EOH
```

Much effort has been expended to ensure that this shell script will run on any Unix system. If despite that it blows up on yours, your best bet is to edit Configure and run it again. If you can't run Configure for some reason, you'll have to generate a config.sh file by hand. Whatever problems you have, let me (<MAINTLOC>) know how I blew it.

This installation script affects things in two ways:

- 1) it may do direct variable substitutions on some of the files included in this kit.
- 2) it builds a config.h file for inclusion in C programs. You may edit any of these files as the need arises after running this script.

If you make a mistake on a question, there is no easy way to back up to it currently. The easiest thing to do is to edit config.sh and rerun all the SH files. Configure will offer to let you do this before it runs the SH files.

EOH

```
?X: In case they played with the prompter...
dflt='Type carriage return to continue'
./myread
case "$firsttime" in
true) echo $user >>./config/instruct;;
esac
fi
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Instruct.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: MailList.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>
```

```
?RCS:
```

```
?RCS: $Log: MailList.U,v $
```



```

?RCS: Revision 3.0.1.1 1994/01/24 14:01:49 ram
?RCS: patch16: created
?RCS:
?RCS:
?X:
?X: This unit offers the user the option of subscribing to the mailing
?X: list. To force inclusion of this unit, you must add it's name to the
?X: dependancies on the MAKE line in your private copy of End.U.
?X: The address of the mailing list server must be set via a "list_request=..."
?X:
?X: entry in the .package file. This is usually done by running packinit and
?X: answering the proper questions.
?X:
?MAKE:MailList: cat mailer package Myread cf_name cf_email
?MAKE: -pick wipe $@ %<
?T:list_request list_sub list_unsub list_name
?X:
?X: The cf_name dependency is used through list_sub when the mailing list
?X: manager happens to be listserv, whereas cf_email is used whith majordomo
?X: or when the mailing list request address is scanned by a human. Since
?X: they do not appear within the unit itself, we need a lint hint.
?X:
?LINT:use cf_name cf_email
: offer to join the mailing list
list_request='<$list_request>'
list_sub="<$list_sub>"
list_unsub="<$list_unsub>"
list_name="<$list_name>"
$cat <<EOM

```

There is a mailing list for discussion about \$package and related issues. This is the preferred place to ask questions about the program and discuss modifications and additions with the author and other users. If you are able to send mail to the Internet, you are encouraged to subscribe. You need only ever subscribe once, and you can unsubscribe automatically at any time in the future. If you have already subscribed and you wish to unsubscribe now, you may do so by answering "unsubscribe". Answer "subscribe" to subscribe to the list.

```

EOM
rp="Subscribe to or unsubscribe from the $list_name mailing list?"
dflt=neither
. ./myread
case "$ans" in
[sS]*) $cat <<EOM

```

You will be sent a message from the list server to let you know when your

subscription has been successful and telling you how to submit articles and how to unsubscribe again when necessary. You may also unsubscribe by running this script again and asking it to do so for you.

EOM

```
echo "Sending mail to subscribe you to the $list_name list..." >&4
```

```
$mailer $list_request <<EOM >/dev/null 2>&1
```

Precedence: junk

To: \$list_request

\$list_sub

EOM

```
::
```

```
[uU]*) echo "Sending mail to unsubscribe you from the $list_name list..." >&4
```

```
$mailer $list_request <<EOM >/dev/null 2>&1
```

Precedence: junk

To:

\$list_request

\$list_unsub

EOM

```
::
```

esac

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/MailList.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Extras.U,v\$

?RCS:

?RCS: Copyright (c) 2001, Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:extras: Myread Oldconfig Setvar rm

?MAKE: -pick add \$@ %<

?Y:TOP

?S:extras:

?S: This variable holds a list of extra modules to install.

?S:.

: See if we want extra modules installed

```
echo " "
```

```
case "$extras" in
```

```
) dflt='n';;
```

```
*) dflt='y';;
```

```
esac
```

```
cat <<EOM
```

Perl can be built with extra modules or bundles of modules which will be fetched from the CPAN and installed alongside Perl.

Notice that you will need access to the CPAN; either via the Internet, or a local copy, for example a CD-ROM or a local CPAN mirror. (You will be asked later to configure the CPAN.pm module which will in turn do the installation of the rest of the extra modules or bundles.)

Notice also that if the modules require any external software such as libraries and headers (the libz library and the zlib.h header for the Compress::Zlib module, for example) you MUST have any such software already installed, this configuration process will NOT install such things for you.

If this doesn't make any sense to you, just accept the default '\$dflt'.

```
EOM
```

```
rp='Install any extra modules (y or n)?'
. ./myread
case "$ans" in
y|Y)
cat <<EOM
```

Please list any extra modules or bundles to be installed from CPAN, with spaces between the names. The names can be in any format the 'install' command of CPAN.pm will understand. (Answer 'none', without the quotes, to install no extra modules or bundles.)

```
EOM
```

```
rp='Extras?'
dflt="$extras"
. ./myread
extras="$ans"
esac
case "$extras" in
"|none")
val=""
$rm -f ../extras.lst
;;
*) echo "(Saving the list of extras for later...)"
echo "$extras" > ../extras.lst
val="$extras"
;;
esac
set extras
eval $setvar
echo " "
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Extras.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_getitimer: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getitimer:

?S: This variable conditionally defines the HAS_GETITIMER symbol, which

?S: indicates to the C program that the getitimer() routine is available.

?S:.

?C:HAS_GETITIMER:

?C: This symbol, if defined, indicates that the getitimer routine is

?C: available to return interval timers.

?C:.

?H:#\$d_getitimer HAS_GETITIMER /**/

?H:.

?LINT:set d_getitimer

: see if getitimer exists

set getitimer d_getitimer

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getitimer.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: usrinc.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 16:27:12 ram

?RCS: patch61: don't ask for the include path unless they are on a MIPS

?RCS:

```

?RCS: Revision 3.0.1.2 1995/05/12 12:24:36 ram
?RCS: patch54: ensure that ./mips always exists (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 15:18:31 ram
?RCS: patch23: ensure usrinc value is preserved across sessions (WED)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:58 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:usrinc incpath mips_type:
test cat echo n c Getfile Guess \
Oldconfig eunicefix contains rm
?MAKE: -pick add $@ %<
?S:usrinc:
?S: This variable holds the path of the include files, which is
?S: usually /usr/include. It is mainly used by other Configure units.
?S:.
?S:incpath:
?S: This variable must precede the normal include path to get the
?S: right one, as in "$incpath/usr/include" or "$incpath/usr/lib".
?S: Value can be "" or "/bsd43" on mips.
?S:.
?S:mips_type:
?S: This variable holds the environment type for the mips system.
?S: Possible values are "BSD 4.3" and "System V".
?S:.
?D:usrinc=/usr/include'
?LINT:create mips
?T:xxx_prompt
?F:./mips
: What should the include directory be ?
echo " "
$echo $n "Hmm... $c"
dflt='/usr/include'
incpath=""
?X: mips_type is used later, to add -DSYSTYPE_BSD43 to cppflags if needed.
mips_type=""
?X:
?X: Cannot put the following in Guess, or we get a circular dependency.
?X:
if $test -f /bin/mips && /bin/mips; then
echo "Looks like a MIPS system..."
$cat >usr.c
<<'EOCP'
#ifdef SYSTYPE_BSD43
/bsd43
#endif
EOCP

```

```

if cc -E usr.c > usr.out && $contains /usr.out >/dev/null 2>&1; then
    dflt='/bsd43/usr/include'
    incpath='/bsd43'
    mips_type='BSD 4.3'
else
    mips_type='System V'
fi
$rm -f usr.c usr.out
echo "and you're compiling with the $mips_type compiler and libraries."
xxx_prompt=y
echo "exit 0" >mips
else
echo "Doesn't look like a MIPS system."
xxx_prompt=n
echo "exit 1" >mips
fi
chmod +x mips
$unicefix mips
case "$usrinc" in
") ;;
*) dflt="$usrinc";;
esac
case "$xxx_prompt" in
y) fn=d/
echo " "
rp='Where are the include files you want to use?'
./getfile
usrinc="$ans"
;;
*) usrinc="$dflt"
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/usrinc.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_mmap.U,v \$
?RCS: Revision 3.0.1.1 1993/12/15 08:19:12 ram
?RCS: patch15: created
?RCS:
?MAKE:d_mmap: Inlibc
?MAKE: -pick add \$@ %<
?S:d_mmap:
?S: This variable conditionally defines HAS_MMAP if mmap() is
?S: available to map a file into memory.
?S:.
?C:HAS_MMAP:
?C: This symbol, if defined, indicates that the mmap system call is
?C: available to map a file into memory.
?C:.
?H:#\$d_mmap HAS_MMAP /**/
?H:.
?LINT:set d_mmap
: see if mmap exists
set mmap d_mmap
eval \$inlibc

Found in path(s):

*

/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mmap.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_ttyname_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_ttyname_r ttyname_r_proto: Inlibc Protochk Hasproto i_systypes \
usethreads i_unistd extern_C
?MAKE: -pick add \$@ %<
?S:d_ttyname_r:
?S: This variable conditionally defines the HAS_TTYNAME_R symbol,
?S: which indicates to the C program that the ttyname_r()
?S: routine is available.
?S:.
?S:ttyname_r_proto:
?S: This variable encodes the prototype of ttyname_r.
?S: It is zero if d_ttyname_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ttyname_r
?S: is defined.

```

?S:.
?C:HAS_TTYNAME_R:
?C: This symbol, if defined, indicates that the ttyname_r routine
?C: is available to ttyname re-entrantly.
?C:.
?C:TTYNAME_R_PROTO:
?C: This
symbol encodes the prototype of ttyname_r.
?C: It is zero if d_ttyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ttyname_r
?C: is defined.
?C:.
?H:#$d_ttyname_r HAS_TTYNAME_R /**/
?H:#define TTYNAME_R_PROTO $ttyname_r_proto /**/
?H:.
?T:try hdrs d_ttyname_r_proto
: see if ttyname_r exists
set ttyname_r d_ttyname_r
eval $inlibc
case "$d_ttyname_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_unistd unistd.h"
case "$d_ttyname_r_proto:$usethreads" in
":define") d_ttyname_r_proto=define
set d_ttyname_r_proto ttyname_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_ttyname_r_proto" in
define)
case "$ttyname_r_proto" in
"|0) try='int ttyname_r(int, char*, size_t);'
./protechk "$extern_C $try" $hdrs && ttyname_r_proto=I_IBW ;;
esac
case "$ttyname_r_proto" in
"|0) try='int ttyname_r(int, char*, int);'
./protechk "$extern_C $try" $hdrs && ttyname_r_proto=I_IBI ;;
esac
case "$ttyname_r_proto"
in
"|0) try='char* ttyname_r(int, char*, int);'
./protechk "$extern_C $try" $hdrs && ttyname_r_proto=B_IBI ;;
esac
case "$ttyname_r_proto" in
"|0) d_ttyname_r=undef
ttyname_r_proto=0
echo "Disabling ttyname_r, cannot determine prototype." >&4 ;;
* ) case "$ttyname_r_proto" in

```



```

REENTRANT_PROTO*) ;;
*) ttyname_r_proto="REENTRANT_PROTO_${ttyname_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susetthreads" in
define) echo "ttyname_r has no prototype, not using it." >&4 ;;
esac
d_ttyname_r=undef
ttyname_r_proto=0
;;
esac
;;
*) ttyname_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_ttyname_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_vfork.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_vfork.U,v \$

?RCS: Revision 3.0.1.1 1994/05/06 15:05:44 ram

?RCS: patch23: avoid inclusion of <vfork.h> if no vfork() used (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:50 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i_vfork: Inhdr d_vfork

?MAKE: -pick add \$@ %<

?S:i_vfork:

?S: This variable conditionally defines the I_VFORK symbol, and indicates

?S: whether a C program should include vfork.h.

?S:.

?C:I_VFORK:

?C: This symbol,

if defined, indicates to the C program that it should

?C: include vfork.h.

?C:.

?H:#\$i_vfork I_VFORK /**/

?H:.

: see if this is a vfork system

case "\$d_vfork" in

"\$define")

set vfork.h i_vfork

eval \$inhdr

::

*)

i_vfork="\$undef"

::

esac

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_vfork.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_fchdir: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fchdir:

?S: This variable conditionally defines the HAS_FCHDIR symbol, which

?S: indicates to the C program that the fchdir() routine is available.

?S:.

?C:HAS_FCHDIR:

?C: This symbol, if defined, indicates that the fchdir routine is

?C: available to change directory using a file descriptor.

?C:.

?H:#\$d_fchdir HAS_FCHDIR /**/

?H:.

?LINT:set d_fchdir

: see if fchdir exists

set fchdir d_fchdir

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fchdir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Signal.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Signal.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:20:01 ram

?RCS: patch61: created

?RCS:

?X:

?X: This unit produces three files:

?X: 1- A signal.c file, which, when compiled and run, produces an output like:

?X:

?X: HUP 1

?X: INT 2

?X: QUIT 3

?X: etc...

?X:

?X: 2- A signal.awk script to parse the output of signal.c, fill

?X: in gaps (up to NSIG) and move duplicates to the end.

?X: 3- A signal_cmd script to compile signal.c and run it

?X: through

```
sort -n -k 2 | uniq | awk -f signal.awk.
```

?X: (we try also sort -n +1 since some old hosts don't grok sort -k)

?X: (This is called signal_cmd to avoid OS/2 confusion with

?X: signal.cmd vs. signal.

?X: The signal_cmd script also falls back on checking signals one at a

?X: time in case the signal.c program fails. On at least one version of

?X: Linux 2.1.x, the header file #define'd SIGRTMAX to a symbol that

?X: is not defined by the compiler/linker. :-(. Further, on that same

?X: version of Linux, the user had a defective C-shell that gave an

?X: incorrect list for kill -l, so the fall-back didn't work.

?X:

?X: This unit is then used by sig_name.U.

?X:

?MAKE:Signal: test tr rm awk cat grep startsh eunicefix sed sort uniq \
Findhdr cppstdin +cppflags cppminus Compile _o _exe trnl run i_stdlib \
sysroot

?MAKE: -pick add \$@ %<

?MAKE: -pick add \$@ %<

?X:all files declared as "public" since they're used from other units

?F:signal.c signal_cmd signal.lst signal signal.awk

```

?T: xx xxx xxxfiles
?LINT:use rm run
_o _exe
?LINT:extern sig_num_init
: Trace out the files included by signal.h, then look for SIGxxx names.
?X: Remove SIGARRAYSIZE used by HPUX.
?X: Remove SIGSTKSIZE used by Linux.
?X: Remove SIGSTKSZ used by POSIX.
?X: Remove SIGTYP void lines used by OS2.
?X: Some cpps, like os390, do not give the file name anywhere
case "$sig_num_init" in
")
if [ "X$fieldn" = X ]; then
: Just make some guesses. We check them later.
xxx="$sysroot/usr/include/signal.h $sysroot/usr/include/sys/signal.h"
else
xxx=`echo '#include <signal.h>' |
$cpptest $cpptestminus $cpptestflags 2>/dev/null |
$grep '^[ ]*#.*include' |
$awk '{print \\$fieldn}' | $sed 's!'!g' \\
$sed 's!\\\\\\\\\\\\\\\\!g' | $sort | $uniq`
fi
?X: Check this list of files to be sure we have parsed the cpp output ok.
?X: This will also avoid potentially non-existent files, such
?X: as ../foo/bar.h
xxxfiles=""
?X: Add /dev/null in case the $xxx list is empty.
for xx in $xxx /dev/null ; do
$test -f "$xx" && xxxfiles="$xxxfiles $xx"
done
?X:
If we have found no files, at least try signal.h
case "$xxxfiles" in
") xxxfiles=`./findhdr signal.h` ;;
esac
xxx=`awk '
$1 ~ /^#define$/ && $2 ~ /^SIG[A-Z0-9]*$/ && $2 !~ /SIGARRAYSIZE/ && $2 !~ /SIGSTKSIZE/ && $2 !~ /SIGSTKSZ/ && $3 !~ /void/ {
print substr($2, 4, 20)
}
$1 == "#" && $2 ~ /^define$/ && $3 ~ /^SIG[A-Z0-9]*$/ && $3 !~ /SIGARRAYSIZE/ && $4 !~ /void/ {
print substr($3, 4, 20)
}' $xxxfiles`
: Append some common names just in case the awk scan failed.
xxx="$xxx ABRT ALRM BUS CANCEL CHLD CLD CONT DIL EMT FPE"
xxx="$xxx FREEZE HUP ILL INT IO IOT KILL LOST LWP PHONE"
xxx="$xxx PIPE POLL PROF PWR QUIT RTMAX RTMIN SEGV STKFLT STOP"
xxx="$xxx SYS TERM THAW TRAP TSTP TTIN TTOU URG USR1 USR2"

```

```
xxx="$xxx USR3 USR4 VTALRM WAITING WINCH WIND WINDOW XCPU XFSZ"
```

: generate a few handy files for later

```
$cat > signal.c <<EOCP
```

```
#include <sys/types.h>
```

```
#include <signal.h>
```

```
#$i_stdlib I_STDLIB
```

```
#ifdef I_STDLIB
```

```
#include <stdlib.h>
```

```
#endif
```

```
#include <stdio.h>
```

```
int main() {
```

```
/* Strange style to avoid
```

```
deeply-nested #if/#else/#endif */
```

```
#ifndef NSIG
```

```
# ifdef _NSIG
```

```
#  define NSIG (_NSIG)
```

```
# endif
```

```
#endif
```

```
#ifndef NSIG
```

```
# ifdef SIGMAX
```

```
#  define NSIG (SIGMAX+1)
```

```
# endif
```

```
#endif
```

```
#ifndef NSIG
```

```
# ifdef SIG_MAX
```

```
#  define NSIG (SIG_MAX+1)
```

```
# endif
```

```
#endif
```

```
#ifndef NSIG
```

```
# ifdef _SIG_MAX
```

```
#  define NSIG (_SIG_MAX+1)
```

```
# endif
```

```
#endif
```

```
#ifndef NSIG
```

```
# ifdef MAXSIG
```

```
#  define NSIG (MAXSIG+1)
```

```
# endif
```

```
#endif
```

```
#ifndef NSIG
```

```
# ifdef MAX_SIG
```

```
#  define NSIG (MAX_SIG+1)
```

```

# endif
#endif

#ifndef NSIG
# ifdef SIGARRAYSIZE
#  define NSIG SIGARRAYSIZE /* Assume ary[SIGARRAYSIZE] */
# endif
#endif

#ifndef NSIG
# ifdef _sys_nsig
#  define NSIG (_sys_nsig) /* Solaris 2.5 */
# endif
#endif

/* Default to some arbitrary number that's big enough to get most
   of the common signals.
*/
#ifndef NSIG
#  define NSIG 50
#endif

printf("NSIG %d\n", NSIG);

#ifndef JUST_NSIG

EOCP

echo $xxx | $tr ' ' $trnl | $sort | $uniq | $awk '
{
printf "#ifdef SIG"; printf $1; printf "\n"
printf "printf(\"";
printf $1; printf " %%d\n\",SIG";
printf $1; printf ");\n"
printf "#endif\n"
}
END {
printf "#endif /* JUST_NSIG *\n";
printf "exit(0);\n}\n";
}
' >>signal.c
$cat >signal.awk <<'EOP'
BEGIN { ndups = 0 }
$1 ~ /^NSIG$/ { nsig = $2 }
($1 !~ /^NSIG$/) && (NF == 2) && ($2 ~ /^[0-9][0-9]*$/) {
if ($2 > maxsig) { maxsig = $2 }
if (sig_name[$2]) {
dup_name[ndups] = $1

```

```

dup_num[ndups] = $2
ndups++
}
else {
sig_name[$2] = $1
sig_num[$2] = $2
}
}
END {
if (nsig == 0) {
    nsig = maxsig + 1
}
printf("NSIG %d\n", nsig);
for (n = 1; n < nsig; n++) {
if (sig_name[n]) {
    printf("%s %d\n", sig_name[n], sig_num[n])
}
else {
    printf("NUM%d %d\n", n, n)
}
}
for (n = 0; n < ndups; n++) {
printf("%s %d\n", dup_name[n], dup_num[n])
}
}
}
EOP
$cat >signal_cmd <<EOS
$startsh
if $test -s signal.lst; then
    echo "Using your existing signal.lst file"
    exit 0
fi
xxx="$xxx"
EOS
?X: Avoid variable interpolation problems, especially with
?X:
xxx, which contains newlines.
$cat >>signal_cmd <<'EOS'

set signal
if eval $compile_ok; then
    $run ./signal$_exe | ($sort -n -k 2 2>/dev/null || $sort -n +1) |\
    $uniq | $awk -f signal.awk >signal.lst
else
    echo "(I can't seem be able to compile the whole test program)" >&4
    echo "(I'll try it in little pieces.)" >&4
    set signal -DJUST_NSIG
    if eval $compile_ok; then

```

```

$run ./signal$_exe > signal.nsg
$cat signal.nsg
else
echo "I can't seem to figure out how many signals you have." >&4
echo "Guessing 50." >&4
echo 'NSIG 50' > signal.nsg
fi
: Now look at all the signal names, one at a time.
for xx in `echo $xxx | $tr ' ' $trnl | $sort | $uniq`; do
$cat > signal.c <<EOCP
#include <sys/types.h>
#include <signal.h>
#include <stdio.h>
int main() {
printf("$xx %d\n", SIG${xx});
return 0;
}
EOCP
set signal
if eval $compile; then
echo "SIG${xx} found."
$run ./signal$_exe >> signal.ls1
else
echo "SIG${xx} NOT found."
fi
done
if $test -s signal.ls1; then
$cat
signal.nsg signal.ls1 |
$sort -n | $uniq | $awk -f signal.awk >signal.lst
fi

fi
if $test -s signal.lst; then
:
else
echo "(AAK! I can't compile the test programs -- Guessing)" >&4
echo 'kill -l' >signal
set X `csh -f <signal`
$rm -f signal
shift
case $# in
0) set HUP INT QUIT ILL TRAP ABRT EMT FPE KILL BUS SEGV SYS PIPE ALRM TERM;;
esac
echo $@ | $tr ' ' $trnl | \
$awk '{ printf "%s %d\n", $1, ++s; }
END { printf "NSIG %d\n", ++s }' >signal.lst
fi

```



```
$rm -f signal.c signal$_exe signal$_o signal.nsg signal.ls1
EOS
chmod a+x signal_cmd
$unicefix signal_cmd
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Signal.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_longdbl.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: d_longdbl.U,v \$

?RCS:

```
?MAKE:d_longdbl longdblsize d_ldexpl longdblkind \
d_long_double_style_ieee d_long_double_style_ieee_doubledouble \
d_long_double_style_ieee_extended d_long_double_style_ieee_std \
d_long_double_style_vax: Compile Setvar Myread \
Inlibc run echo cat rm_try test doublesize i_stdlib
```

?MAKE: -pick add \$@ %<

?S:d_longdbl:

?S: This variable conditionally defines HAS_LONG_DOUBLE if

?S: the long double type is supported.

?S:.

?S:d_ldexpl:

?S: This variable conditionally defines the HAS_LDEXPL symbol, which

?S: indicates to the C program that the ldexpl() routine is available.

?S:.

?S:longdblsize:

?S: This variable contains the value of the LONG_DOUBLESIZE symbol,
which

?S: indicates to the C program how many bytes there are in a long double,

?S: if this system supports long doubles. Note that this is

?S: sizeof(long double), which may include unused bytes.

?S:.

?S:longdblkind:

?S: This variable, if defined, encodes the type of a long double:

?S: 0 = double,

?S: 1 = IEEE 754 128-bit little endian,

?S: 2 = IEEE 754 128-bit big endian,

?S: 3 = x86 80-bit little endian,

?S: 4 = x86 80-bit big endian,
 ?S: 5 = double-double 128-bit little endian,
 ?S: 6 = double-double 128-bit big endian,
 ?S: 7 = 128-bit mixed-endian double-double (64-bit LEs in BE),
 ?S: 8 = 128-bit mixed-endian double-double (64-bit BEs in LE),
 ?S: 9 = 128-bit PDP-style mixed-endian long doubles,
 ?S: -1 = unknown format.
 ?S:.
 ?S:d_long_double_style_ieee:
 ?S: This variable conditionally defines LONG_DOUBLE_STYLE_IEEE
 ?S: if the long double is any of the IEEE 754 style long doubles:
 ?S: LONG_DOUBLE_STYLE_IEEE_STD, LONG_DOUBLE_STYLE_IEEE_EXTENDED,
 ?S: LONG_DOUBLE_STYLE_IEEE_DOUBLEDDOUBLE.
 ?S:.
 ?S:d_long_double_style_ieee_doubledouble:
 ?S: This
 variable conditionally defines LONG_DOUBLE_STYLE_IEEE_DOUBLEDDOUBLE
 ?S: if the long double is the 128-bit IEEE 754 double-double.
 ?S:.
 ?S:d_long_double_style_ieee_extended:
 ?S: This variable conditionally defines LONG_DOUBLE_STYLE_IEEE_EXTENDED
 ?S: if the long double is the 80-bit IEEE 754 extended precision.
 ?S: Note that despite the 'extended' this is less than the 'std',
 ?S: since this is an extension of the double precision.
 ?S:.
 ?S:d_long_double_style_ieee_std:
 ?S: This variable conditionally defines LONG_DOUBLE_STYLE_IEEE_STD
 ?S: if the long double is the 128-bit IEEE 754.
 ?S:.
 ?S:d_long_double_style_vax:
 ?S: This variable conditionally defines LONG_DOUBLE_STYLE_VAX
 ?S: if the long double is the 128-bit VAX format H.
 ?S:.
 ?C:HAS_LONG_DOUBLE:
 ?C: This symbol will be defined if the C compiler supports long
 ?C: doubles.
 ?C:.
 ?C:LONG_DOUBLESIZE:
 ?C: This symbol contains the size of a long double, so that the
 ?C: C
 preprocessor can make decisions based on it. It is only
 ?C: defined if the system supports long doubles. Note that this
 ?C: is sizeof(long double), which may include unused bytes.
 ?C:.
 ?C:HAS_LDEXPL:
 ?C: This symbol, if defined, indicates that the ldexpl routine is
 ?C: available to shift a long double floating-point number
 ?C: by an integral power of 2.

?C:.

?C:LONG_DOUBLEKIND:

?C: LONG_DOUBLEKIND will be one of

?C: LONG_DOUBLE_IS_DOUBLE

?C: LONG_DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN

?C: LONG_DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN

?C: LONG_DOUBLE_IS_X86_80_BIT_LITTLE_ENDIAN

?C: LONG_DOUBLE_IS_X86_80_BIT_BIG_ENDIAN

?C: LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LE_LE

?C: LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BE_BE

?C: LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LE_BE

?C: LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BE_LE

?C: LONG_DOUBLE_IS_VAX_H_FLOAT

?C: LONG_DOUBLE_IS_UNKNOWN_FORMAT

?C: It is only defined if the system supports long doubles.

?C:.

?C:LONG_DOUBLE_STYLE_IEEE:

?C: This symbol, if defined, indicates
that the long double

?C: is any of the IEEE 754 style long doubles:

?C: LONG_DOUBLE_STYLE_IEEE_STD, LONG_DOUBLE_STYLE_IEEE_EXTENDED,

?C: LONG_DOUBLE_STYLE_IEEE_DOUBLEDDOUBLE.

?C:.

?C:LONG_DOUBLE_STYLE_IEEE_DOUBLEDDOUBLE:

?C: This symbol, if defined, indicates that the long double is

?C: the 128-bit double-double.

?C:.

?C:LONG_DOUBLE_STYLE_IEEE_EXTENDED:

?C: This symbol, if defined, indicates that the long double is

?C: the 80-bit IEEE 754. Note that despite the 'extended' this

?C: is less than the 'std', since this is an extension of

?C: the double precision.

?C:.

?C:LONG_DOUBLE_STYLE_IEEE_STD:

?C: This symbol, if defined, indicates that the long double is

?C: the 128-bit IEEE 754.

?C:.

?C:LONG_DOUBLE_STYLE_VAX:

?C: This symbol, if defined, indicates that the long double is

?C: the 128-bit VAX format H.

?C:.

?H:#\$d_ldexpl HAS_LDEXPL /**/

?H:#\$d_longdbl HAS_LONG_DOUBLE /**/

?H:?LONG_DOUBLESIZE:#ifdef HAS_LONG_DOUBLE

?H:?LONG_DOUBLESIZE:#define LONG_DOUBLESIZE \$longdblsize /**/

?H:?LONG_DOUBLESIZE:#define

LONG_DOUBLEKIND \$longdblkind /**/

?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLE 0

```

?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN 1
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN 2
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_X86_80_BIT_LITTLE_ENDIAN 3
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_X86_80_BIT_BIG_ENDIAN 4
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LE_LE 5
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BE_BE 6
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LE_BE 7
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BE_LE 8
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_VAX_H_FLOAT 9
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_UNKNOWN_FORMAT -1
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LITTLE_ENDIAN
LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LE_LE /* back-compat */
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BIG_ENDIAN
LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BE_BE
/* back-compat */
?H:?LONG_DOUBLESIZE:#$d_long_double_style_ieee LONG_DOUBLE_STYLE_IEEE
?H:?LONG_DOUBLESIZE:#$d_long_double_style_ieee_doubledouble
LONG_DOUBLE_STYLE_IEEE_DOUBLEDDOUBLE
?H:?LONG_DOUBLESIZE:#$d_long_double_style_ieee_extended
LONG_DOUBLE_STYLE_IEEE_EXTENDED
?H:?LONG_DOUBLESIZE:#$d_long_double_style_ieee_std LONG_DOUBLE_STYLE_IEEE_STD
?H:?LONG_DOUBLESIZE:#$d_long_double_style_vax LONG_DOUBLE_STYLE_VAX
?H:?LONG_DOUBLESIZE:#endif
?H:.
?F:!try
?LINT:known LONG_DOUBLE_IS_DOUBLE LONG_DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN
?LINT:known LONG_DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN
LONG_DOUBLE_IS_X86_80_BIT_LITTLE_ENDIAN
?LINT:known LONG_DOUBLE_IS_X86_80_BIT_BIG_ENDIAN
LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LITTLE_ENDIAN
?LINT:known LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BIG_ENDIAN
LONG_DOUBLE_IS_UNKNOWN_FORMAT
?LINT:known LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LE_LE
?LINT:known LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BE_BE
?LINT:known
LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_LE_BE
?LINT:known LONG_DOUBLE_IS_DOUBLEDDOUBLE_128_BIT_BE_LE
?LINT:known LONG_DOUBLE_IS_VAX_H_FLOAT
?LINT:set d_longdbl
?LINT:set d_ldexpl
: check for long doubles
echo " "
echo "Checking to see if you have long double..." >&4
echo 'int main() { long double x = 7.0; }' > try.c
set try
if eval $compile; then
val="$define"
echo "You have long double."

```

```

else
  val="$undef"
  echo "You do not have long double."
fi
$rm_try
set d_longdbl
eval $setvar

: see if ldexpl exists
set ldexpl d_ldexpl
eval $inlibc

@if LONG_DOUBLESIZE || longdblsize
: check for length of long double
?X: Check only if d_longdbl and if longdblsize is not already set.
case "${d_longdbl}${longdblsize}" in
$define)
  echo " "
  echo "Checking to see how big your long doubles are..." >&4
  $cat >try.c <<'EOCP'
#include <stdio.h>
int main()
{
  printf("%d\n", sizeof(long double));
}
EOCP
  set try
?X: Don't use compile_ok because some compilers warn you that they have
?X: 'long double'
  as just 'double'.
  set try
  if eval $compile; then
    longdblsize=`$run ./try`
    echo "Your long doubles are $longdblsize bytes long."
  else
    dflt='8'
    echo " "
    echo "(I can't seem to compile the test program. Guessing...)" >&4
    rp="What is the size of a long double (in bytes)?"
    ./myread
    longdblsize="$ans"
  fi
  if $test "X$doublesize" = "X$longdblsize"; then
    echo "That isn't any different from an ordinary double."
    echo "I'll keep your setting anyway, but you may see some"
    echo "harmless compilation warnings."
  fi
fi
;;

```

```

esac
$rm_try
@end

$echo "Checking the kind of long doubles you have..." >&4
case "$d_longdbl" in
define)
$cat <<EOP >try.c
#$i_stdlib I_STDLIB
#define LONGDBLSIZE $longdblsize
#define DOUBLESIZE $doublesize
#include <float.h>
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <stdio.h>
static const long double d = -0.1L;
int main() {
    unsigned const char* b = (unsigned const char*)&d;
#ifdef DOUBLESIZE == LONGDBLSIZE
    printf("0\n"); /* if it floats
like double */
    exit(0);
#endif
#ifdef (LDBL_MANT_DIG == 113 || FLT128_MANT_DIG == 113) && LONGDBLSIZE == 16
    if (b[0] == 0x9A && b[1] == 0x99 && b[15] == 0xBF) {
        /* IEEE 754 128-bit little-endian */
        printf("1\n");
        exit(0);
    }
    if (b[0] == 0xBF && b[14] == 0x99 && b[15] == 0x9A) {
        /* IEEE 128-bit big-endian, e.g. solaris sparc */
        printf("2\n");
        exit(0);
    }
#endif
/* For alignment 32-bit platforms have the 80 bits in 12 bytes,
* while 64-bits platforms have it in 16 bytes. The trailing bytes
* cannot be trusted. */
#ifdef LDBL_MANT_DIG == 64 && (LONGDBLSIZE == 16 || LONGDBLSIZE == 12)
    if (b[0] == 0xCD && b[9] == 0xBF) {
        /* x86 80-bit little-endian, sizeof 12 (ILP32, Solaris x86)
* or 16 (LP64, Linux and OS X), 4 or 6 bytes of padding.
* Also known as "extended precision". */
        printf("3\n");
        exit(0);
    }
    if (b[0] == 0xBF && b[9] == 0xCD) {

```

```

/* Is there ever big-endian 80-bit, really?
 *
 * The Motorola 68881 had another "extended
precision" format:
 * sign:1 exp:15 zero:16 integer:1 mantissa:63
 * for total of 96 bits of bytes. The zero bits were unused.
 * See "M68000 FAMILY PROGRAMMER'S REFERENCE MANUAL" for more details.
 * If it ever becomes relevant, this format should be allocated
 * a new doublekind code since it's quite different from the Intel x87.
 */
printf("4\n");
exit(0);
}
#endif
#if (LDBL_MANT_DIG == 106 || LDBL_MANT_DIG == 107) && LONGDBLSIZE == 16
/* software "double double", the 106 is 53+53.
 * but irix thinks it is 107. */
if (b[0] == 0x9A && b[7] == 0x3C && b[8] == 0x9A && b[15] == 0xBF) {
/* double double 128-bit fully little-endian,
 * little-endian doubles in little-endian order,
 * 9a 99 99 99 99 99 59 3c 9a 99 99 99 99 99 b9 bf */
printf("5\n");
exit(0);
}
if (b[0] == 0xBF && b[7] == 0x9A && b[8] == 0x3C && b[15] == 0x9A) {
/* double double 128-bit fully big-endian,
 * big-endian doubles in big-endian order,
 * e.g. PPC/Power and MIPS:
 * bf b9 99 99 99 99 9a 3c 59 99 99 99 99 99 9a */
printf("6\n");
exit(0);
}
if (b[0] == 0x9A && b[7] == 0xBF && b[8] == 0x9A && b[15] == 0x3C) {
/* double double 128-bit mixed endian.
 * little-endian doubles in big-endian order,
 * e.g. ppc64el,
 * 9a 99 99 99 99 99 b9 bf 9a 99 99 99 99 59 3c */
printf("7\n");
exit(0);
}
if (b[0] == 0x3C && b[7] == 0x9A && b[8] == 0xBF && b[15] == 0x9A) {
/* double double 128-bit mixed endian,
 * big-endian doubles in little-endian order,
 * 3c 59 99 99 99 99 9a bf b9 99 99 99 99 9a */
printf("8\n");
exit(0);
}
}
#endif

```

```

/* We are largely making this up because it may well be
* that the VAX format H was never made available to C,
* only to Fortran. */
#if LONGDBLSIZE == 16 && defined(__vax__)
if (b[0] == 0xFD && b[15] == 0x99) {
/* VAX format H, PDP-11 mixed endian. */
printf("9\n");
exit(0);
}
#endif
printf("-1\n"); /* unknown
*/
exit(0);
}
EOP
set try
if eval $compile; then
longdblkind=`$run ./try`
else
longdblkind=-1
fi
;;
*) longdblkind=0 ;;
esac
case "$longdblkind" in
0) echo "Your long doubles are doubles." >&4 ;;
1) echo "You have IEEE 754 128-bit little endian long doubles." >&4 ;;
2) echo "You have IEEE 754 128-bit big endian long doubles." >&4 ;;
3) echo "You have x86 80-bit little endian long doubles." >& 4 ;;
4) echo "You have x86 80-bit big endian long doubles." >& 4 ;;
5) echo "You have 128-bit fully little-endian double-double long doubles (64-bit LEs in LE)." >& 4 ;;
6) echo "You have 128-bit fully big-endian double-double long doubles (64-bit BEs in BE)." >& 4 ;;
7) echo "You have 128-bit mixed-endian double-double long doubles (64-bit LEs in BE)." >& 4 ;;
8) echo "You have 128-bit mixed-endian double-double long doubles (64-bit BEs in LE)." >& 4 ;;
9) echo "You have 128-bit PDP-style mixed-endian long doubles (VAX format H)." >& 4 ;;
*) echo "Cannot figure out your long double."
>&4 ;;
esac
d_long_double_style_ieee=$undef
d_long_double_style_ieee_std=$undef
d_long_double_style_ieee_extended=$undef
d_long_double_style_ieee_doubledouble=$undef
d_long_double_style_vax=$undef
case "$longdblkind" in
1|2|3|4|5|6|7|8) d_long_double_style_ieee=$define ;;
esac
case "$longdblkind" in
1|2) d_long_double_style_ieee_std=$define ;;

```



```

esac
case "$longdblkind" in
3|4) d_long_double_style_ieee_extended=$define ;;
esac
case "$longdblkind" in
5|6|7|8) d_long_double_style_ieee_doubledouble=$define ;;
esac
case "$longdblkind" in
9) d_long_double_style_vax=$define ;;
esac
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_longdbl.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2005 H.Merijn Brand

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_unsetenv: Inlibc

?MAKE: -pick add \$@ %<

?S:d_unsetenv:

?S: This variable conditionally defines the HAS_UNSETENV symbol, which

?S: indicates to the C program that the unsetenv () routine is available.

?S:.

?C:HAS_UNSETENV:

?C: This symbol, if defined, indicates that the unsetenv () routine is

?C: available for use.

?C:.

?H:#\$d_unsetenv HAS_UNSETENV /**/

?H:.

?LINT:set d_unsetenv

: see if unsetenv exists

set unsetenv d_unsetenv

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_unsetenv.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_static_inline.U,v \$

?RCS:

?RCS: Copyright (c) 2010 Andrew Dougherty

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafayette.edu>

?RCS:

?MAKE:d_static_inline perl_static_inline: Compile Setvar gccversion \
cat echo run hint rm rm_try

?MAKE: -pick add \$@ %<

?S:d_static_inline:

?S: This variable conditionally defines the HAS_STATIC_INLINE symbol,
?S: which indicates that the C compiler supports C99-style static
?S: inline. That is, the function can't be called from another
?S: translation unit.

?S:.

?S:perl_static_inline:

?S: This variable defines the PERL_STATIC_INLINE
symbol to
?S: the best-guess incantation to use for static inline functions.

?S: Possibilities include

?S: static inline (c99)

?S: static __inline__ (gcc -ansi)

?S: static __inline (MSVC)

?S: static _inline (older MSVC)

?S: static (c89 compilers)

?S:.

?C:HAS_STATIC_INLINE :

?C: This symbol, if defined, indicates that the C compiler supports
?C: C99-style static inline. That is, the function can't be called
?C: from another translation unit.

?C:.

?C:PERL_STATIC_INLINE:

?C: This symbol gives the best-guess incantation to use for static
?C: inline functions. If HAS_STATIC_INLINE is defined, this will
?C: give C99-style inline. If HAS_STATIC_INLINE is not defined,
?C: this will give a plain 'static'. It will always be defined
?C: to something that gives static linkage.

?C: Possibilities include

?C: static inline (c99)

?C: static __inline__ (gcc -ansi)

?C: static __inline (MSVC)

?C: static _inline (older MSVC)

?C: static

(c89 compilers)

?C:.

?H:#\$d_static_inline HAS_STATIC_INLINE /**/

?H:#define PERL_STATIC_INLINE \$perl_static_inline /**/

?H:.

?LINT:set d_static_inline

?T:inline xxx

?F:!try

: see what flavor, if any, of static inline is supported

echo " "

echo "Checking to see if your system supports static inline..."

?X: Build two programs. The first uses static inline in file a.c and

?X: should work. The second also includes b.c which tries to link against

?X: the static function in a.c. This should fail.

?X:.

\$cat > try.c <<'EOCP'

#include <stdlib.h>

extern int f_via_a(int x);

extern int f_via_b(int x);

int main(int argc, char **argv)

{

int y;

y = f_via_a(0);

#ifdef USE_B

y = f_via_b(0);

#endif

if (y == 42) {

return EXIT_SUCCESS;

}

else {

return EXIT_FAILURE;

}

}

EOCP

\$cat > a.c <<'EOCP'

static INLINE int f(int x) {

int y;

y = x + 42;

return y;

}

int f_via_a(int x)

{

return f(x);

}

EOCP

\$cat > b.c <<'EOCP'

```
extern int f(int x);
```

```
int  
f_via_b(int x)  
{  
    return f(x);  
}  
EOCP
```

```
# Respect a hint (or previous) value for perl_static_inline, if there is one.
```

```
case "$perl_static_inline" in
```

```
) # Check the various possibilities, and break out on success.
```

```
# For gcc, prefer __inline__, which will still permit
```

```
# cflags.SH to add in -ansi.
```

```
case "$gccversion" in
```

```
) xxx="inline __inline__ __inline _inline";;
```

```
*) xxx="__inline__ inline __inline _inline";;
```

```
esac
```

```
for inline in $xxx; do
```

```
set try -DINLINE=$inline a.c
```

```
if eval $compile && $run ./try; then
```

```
# Now make sure there is no external linkage of static
```

```
# functions
```

```
set try -DINLINE=$inline -DUSE_B a.c b.c
```

```
if eval $compile && $run ./try; then
```

```
$echo "Your compiler supports static $inline, " >&4
```

```
$echo "but it also creates an external definition," >&4
```

```
$echo "so I won't use it." >&4
```

```
val=$undef
```

```
else
```

```
$echo "Your compiler supports static $inline." >&4
```

```
val=$define
```

```
perl_static_inline="static $inline";
```

```
break;
```

```
fi
```

```
else
```

```
$echo
```

```
"Your compiler does NOT support static $inline." >&4
```

```
val="$undef"
```

```
fi
```

```
done
```

```
::
```

```
*inline*) # Some variant of inline exists.
```

```
echo "Keeping your $hint value of $perl_static_inline."
```

```
val=$define
```

```
::
```

```
static) # No inline capabilities
```

```
echo "Keeping your $hint value of $perl_static_inline."
```

```

val=$undef
;;
*) # Unrecognized previous value -- blindly trust the supplied
# value and hope it makes sense. Use old value for
# d_static_inline, if there is one.
echo "Keeping your $hint value of $perl_static_inline."
case "$d_static_inline" in
  *) val=$define ;;
  *) val=$d_static_inline ;;
esac
;;
esac
# Fallback to plain 'static' if nothing worked.
case "$perl_static_inline" in
  *)
  perl_static_inline="static"
  val=$undef
  ;;
esac
set d_static_inline
eval $setvar
$rm -f a.[co] b.[co]
$rm_try

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_static_inline.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_strtod.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strtod.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:46:36 ram
?RCS: patch61: created
?RCS:
?RCS:
?MAKE:d_strtod: Inlibc
?MAKE:-pick add $@ %<
?S:d_strtod:

```

?S: This variable conditionally defines the HAS_STRTOD symbol, which

?S: indicates to the C program that the strtod() routine is available

?S: to provide better numeric string conversion than atof().

?S:.

?C:HAS_STRTOD (STRTOD):

?C: This symbol, if defined,

indicates that the strtod routine is

?C: available to provide better numeric string conversion than atof().

?C:.

?H:#\$d_strtod HAS_STRTOD /**/

?H:.

?LINT:set d_strtod

: see if strtod exists

set strtod d_strtod

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strtod.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: models.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 16:13:17 ram

?RCS: patch61: added ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.1 1993/08/25 14:02:39 ram

?RCS: patch6: added default for large

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:17 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:models split small medium large huge: test cat Myread sysman Oldconfig \

Loc Warn contains rm

?MAKE: -pick add \$@ %<

?S:models:

?S: This variable contains the list of memory models supported by
this

?S: system. Possible component values are none, split, unsplit, small,

?S: medium, large, and huge. The component values are space separated.

?S:.

?S:split:

?S: This variable contains a flag which will tell the C compiler and loader

?S: to produce a program that will run in separate I and D space, for those

?S: machines that support separation of instruction and data space. It is

?S: up to the Makefile to use this.

?S:.

?S:small:

?S: This variable contains a flag which will tell the C compiler and loader

?S: to produce a program running with a small memory model. It is up to

?S: the Makefile to use this.

?S:.

?S:medium:

?S: This variable contains a flag which will tell the C compiler and loader

?S: to produce a program running with a medium memory model. If the

?S: medium model is not supported, contains the flag to produce large

?S: model programs. It is up to the Makefile to use this.

?S:.

?S:large:

?S: This variable contains a flag which will tell the C compiler and loader

?S: to

produce a program running with a large memory model. It is up to

?S: the Makefile to use this.

?S:.

?S:huge:

?S: This variable contains a flag which will tell the C compiler and loader

?S: to produce a program running with a huge memory model. If the

?S: huge model is not supported, contains the flag to produce large

?S: model programs. It is up to the Makefile to use this.

?S:.

?T:unsplit tans modelcc

?F:!pdp11

?D:large="

?LINT:extern cc

: see what memory models we can support

case "\$models" in

")

?X: We may not use Cppsym or we get a circular dependency through cc.

?X: But this should work regardless of which cc we eventually use.

```
$cat >pdp11.c <<'EOP'
```

```
int main() {
```

```
#ifdef pdp11
```

```
exit(0);
```

```
#else
```

```
exit(1);
```

```
#endif
```

```
}
```

EOP

?X: Run cc in a subshell in case they don't have a 'cc' command.

?X: Presumably they do have gcc or something.

```
case "$cc" in
") modelcc="$cc" ;;
*) modelcc="cc" ;;
esac
( $modelcc -o pdp11 pdp11.c ) >/dev/null 2>&1
if $test -f pdp11 && ./pdp11 2>/dev/null;
then
dflt='unsplit split'
else
tans=`./loc . X /lib/small /lib/large /usr/lib/small /usr/lib/large /lib/medium /usr/lib/medium /lib/huge`
case "$tans" in
X) dflt='none';;
*) if $test -d /lib/small || $test -d /usr/lib/small; then
dflt='small'
else
dflt="
fi
if $test -d /lib/medium || $test -d /usr/lib/medium; then
dflt="$dflt medium"
fi
if $test -d /lib/large || $test -d /usr/lib/large; then
dflt="$dflt large"
fi
if $test -d /lib/huge || $test -d /usr/lib/huge; then
dflt="$dflt huge"
fi
esac
fi;;
*) dflt="$models";;
esac
$cat <<EOM
```

Some systems have different model sizes. On most systems they are called small, medium, large, and huge. On the PDP11 they are called unsplit and split. If your system doesn't support different memory models, say "none". If you wish to force everything to one memory model, say "none" here and put the appropriate flags later when it asks you for other cc and ld flags.

Venix systems may wish

to put "none" and let the compiler figure things out.

(In the following question multiple model names should be space separated.)

The default for most systems is "none".

EOM

rp="Which memory models are supported?"


```

./myread
models="$ans"

case "$models" in
none)
small="
medium="
large="
huge="
unsplit="
split="
;;
*split)
case "$split" in
") if $contains '-i' $sysman/ld.1 >/dev/null 2>&1 || \
    $contains '-i' $sysman/cc.1 >/dev/null 2>&1; then
dflt='-i'
else
dflt='none'
fi;;
*) dflt="$split";;
esac
rp="What flag indicates separate I and D space?"
./myread
tans="$ans"
case "$tans" in
none) tans="";;
esac
split="$tans"
unsplit="";;
*large*|*small*|*medium*|*huge*)
case "$models" in
*large*)
case "$large" in
") dflt='-M!';;
*) dflt="$large";;
esac
rp="What flag indicates large model?"
./myread
tans="$ans"
case "$tans" in
none) tans="";;
esac
large="$tans";;
*) large="";;
esac
case "$models" in
*huge*) case "$huge" in

```

```

")
dflt='-Mh';;
*) dflt="$huge";;
esac
rp="What flag indicates huge model?"
./myread
tans="$ans"
case "$ans" in
none) tans="";
esac
huge="$ans";;
*) huge="$large";;
esac
case "$models" in
*medium*) case "$medium" in
") dflt='-Mm';;
*) dflt="$medium";;
esac
rp="What flag indicates medium model?"
./myread
tans="$ans"
case "$ans" in
none) tans="";
esac
medium="$ans";;
*) medium="$large";;
esac
case "$models" in
*small*) case "$small" in
") dflt='none';;
*) dflt="$small";;
esac
rp="What flag indicates small model?"
./myread
tans="$ans"
case "$ans" in
none) tans="";
esac
small="$ans";;
*) small="";;
esac
;;
*)
./warn "Unrecognized memory models--you may have to edit Makefile.SH"
;;
esac
$rm -f pdp11.* pdp11

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/models.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_strerror.U,v 3.0.1.3 1994/05/13 15:20:27 ram Exp \$
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: d_strerror.U,v \$
?RCS: Revision 3.0.1.3 1994/05/13 15:20:27 ram
?RCS: patch27: now uses new macro support for cleaner Strerror def
?RCS:
?RCS: Revision 3.0.1.2 1994/05/06 14:58:26 ram
?RCS: patch23: renamed strerror into Strerror to protect name space (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:08:56 ram
?RCS: patch16: protected code looking for sys_errnolist[] with @if
?RCS: patch16: added default value for d_syserrlst
?RCS:
?RCS: Revision
3.0 1993/08/18 12:07:35 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_syserrlst d_syserrlst: Csym Findhdr
?MAKE: -pick add \$@ %<
?S:d_syserrlst:
?S: This variable conditionally defines HAS_SYS_ERRLIST if sys_errlist[] is
?S: available to translate error numbers to strings.
?S:.
?S:d_syserrlst:
?S: This variable conditionally defines HAS_SYS_ERRNOLIST if sys_errnolist[]
?S: is available to translate error numbers to the symbolic name.
?S:.
?C:HAS_SYS_ERRLIST (SYSERRLIST):
?C: This symbol, if defined, indicates that the sys_errlist array is
?C: available to translate error numbers to strings. The extern int
?C: sys_nerr gives the size of that table.
?C:.
?C:HAS_SYS_ERRNOLIST (SYSERRNOLIST):
?C: This symbol, if defined, indicates that the sys_errnolist array is
?C: available to translate an errno code into its symbolic name (e.g.

?C: ENOENT). The extern int sys_nerrno gives the size of that table.

?C:.

?H:#\$d_syserrlst HAS_SYS_ERRLIST /**/

?H:#\$d_sysernlst HAS_SYS_ERRNOLIST /**/

?H:.

?D:d_sysernlst="

?T:val

:

see if sys_errlist[] exists

echo " "

if test "X\$d_syserrlst" = X; then

if set sys_errlist val -a d_syserrlst; eval \$csym; \$val; then

echo "You have sys_errlist[], so we could roll our own strerror."

d_syserrlst="\$define"

else

echo "You don't have sys_errlist[], so strerror() is welcome."

d_syserrlst="\$undef"

fi

fi

@if d_sysernlst || HAS_SYS_ERRNOLIST

if set sys_errnolist val -a d_sysernlst; eval \$csym; \$val; then

echo "(Symbolic error codes can be fetched via the sys_errnolist[] array.)"

d_sysernlst="\$define"

else

echo "(However, I can't extract the symbolic error code out of errno.)"

d_sysernlst="\$undef"

fi

@end

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_strerror.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_sethostent_r.U,v 0RCS:

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?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_sethostent_r sethostent_r_proto: Inlibc Protochk Hasproto i_systypes \
usethreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_sethostent_r:

?S: This variable conditionally defines the HAS_SETHOSTENT_R symbol,

?S: which indicates to the C program that the sethostent_r()

?S: routine is available.

?S:.

?S:sethostent_r_proto:

?S: This variable encodes the prototype of sethostent_r.

?S: It is zero if d_sethostent_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_sethostent_r

?S: is defined.

?S:.

?C:HAS_SETHOSTENT_R:

?C: This symbol, if defined, indicates that the sethostent_r routine

?C: is

available to sethostent re-entrantly.

?C:.

?C:SETHOSTENT_R_PROTO:

?C: This symbol encodes the prototype of sethostent_r.

?C: It is zero if d_sethostent_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_sethostent_r

?C: is defined.

?C:.

?H:#\$d_sethostent_r HAS_SETHOSTENT_R /**/

?H:#define SETHOSTENT_R_PROTO \$sethostent_r_proto /**/

?H:.

?T:try hdrs d_sethostent_r_proto

: see if sethostent_r exists

set sethostent_r d_sethostent_r

eval \$inlibc

case "\$d_sethostent_r" in

"\$define")

hdrs="\$i_systypes sys/types.h define stdio.h \$i_netdb netdb.h"

case "\$d_sethostent_r_proto:\$susethreads" in

":define") d_sethostent_r_proto=define

set d_sethostent_r_proto sethostent_r \$hdrs

eval \$hasproto ;;

*) ;;

esac

case "\$d_sethostent_r_proto" in

define)

case "\$sethostent_r_proto" in

"|0) try='int sethostent_r(int, struct hostent_data*);'

./protochk "\$extern_C \$try" \$hdrs && sethostent_r_proto=I_ID ;;

esac

case "\$sethostent_r_proto" in

"|0) try='void

sethostent_r(int, struct hostent_data*);'

./protochk "\$extern_C \$try" \$hdrs && sethostent_r_proto=V_ID ;;

esac

case "\$sethostent_r_proto" in

"|0) d_sethostent_r=undef

```

sethostent_r_proto=0
echo "Disabling sethostent_r, cannot determine prototype." >&4 ;;
*) case "$sethostent_r_proto" in
REENTRANT_PROTO*) ;;
*) sethostent_r_proto="REENTRANT_PROTO_${sethostent_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "sethostent_r has no prototype, not using it." >&4 ;;
esac
d_sethostent_r=undef
sethostent_r_proto=0
;;
esac
;;
*) sethostent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_sethostent_r.U

```

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?RCS:

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?RCS:

?MAKE:gccversion gccosandvers: cat cpp rm +cc \

Myread Guess Options Oldconfig Loc osname osvers grep run ccname

?MAKE: -pick add \$@ %<

?S:gccversion:

?S: If GNU cc (gcc) is used, this variable holds '1' or '3' (for instance)

?S: to indicate whether the compiler is version 1 or 3. This is used in

?S: setting some of the default cflags. It is set to " if not gcc.

?S:.

?S:gccosandvers:

?S: If GNU cc (gcc) is used, this variable the operating system and

```

?S: version
used to compile the gcc. It is set to " if not gcc,
?S: or if nothing useful can be parsed as the os version.
?S:.
?T: gccshortvers in cdir d
?F: !try.c !try
?LINT: extern locincpth ccflags ldflags
?LINT: change locincpth ccname cpp
: Check whether they have gcc in any guise.
echo " "
echo "Checking for GNU cc in disguise and/or its version number..." >&4
$cat >try.c <<EOM
#include <stdio.h>
int main() {
#ifdef __GNUC__
#ifdef __VERSION__
printf("%s\n", __VERSION__);
#else
printf("%s\n", "1");
#endif
#endif
exit(0);
}
EOM
if $cc -o try $ccflags $ldflags try.c >/dev/null 2>&1; then
gccversion=`$run ./try`
case "$gccversion" in
") echo "You are not using GNU cc." ;;
*) echo "You are using GNU cc $gccversion."
ccname=gcc
;;
esac
else
echo " "
echo "*** WHOA THERE!!! ***" >&4
echo " Your C compiler \"$cc\" doesn't seem to be working!" >&4
?X: using -K will prevent aborting--maybe they're cross compiling?
case "$knowitall" in
")
echo " You'd better
start hunting for one and let me know about it." >&4
exit 1
;;
esac
fi
$rm -f try try.*
case "$gccversion" in
1*) cpp=`./loc gcc-cpp $cpp $pth` ;;

```

```

esac
case "$gccversion" in
") gccosandvers=" ;;
*) gccshortvers=`echo "$gccversion"|sed 's/ .*//'^
gccosandvers=`$cc -v 2>&1 | \
$grep /specs$|sed 's!.*[/^-/]*-[^-/*-]\([^-/*-]\)/$gccshortvers/specs!|1!'"^
gccshortvers="
case "$gccosandvers" in
$osname) gccosandvers=" ;; # linux gccs seem to have no linux osvers, grr
$osname$osvers) ;; # looking good
$osname*) cat <<EOM >&4

```

*** WHOA THERE!!! ***

Your gcc has not been compiled for the exact release of your operating system (\$gccosandvers versus \$osname\$osvers).

In general it is a good idea to keep gcc synchronized with the operating system because otherwise serious problems may ensue when trying to compile software, like Perl.

I'm trying to be optimistic here, though, and will continue.

If later during the configuration and build icky compilation problems appear (headerfile conflicts being the most common manifestation), I suggest reinstalling the gcc to match your operating system release.

EOM

```

;;
*) gccosandvers=" ;; # failed to parse, better be silent
esac
;;
esac
case "$ccname" in
") ccname="$cc" ;;
esac

```

: gcc 3.1 complains about adding -Idirectories that it already knows about,
: so we will take those off from locincpth.

```

case "$gccversion" in
3*)
echo "main(){}">try.c
for indir in `$cc -v -c try.c 2>&1 | \
sed '1,/^\#include <\\.\\.\\.>/d;/^\#End of search list/,,$d;s/^ //'^ ; do
locincpth=`echo $locincpth | sed s!$indir!!`
done
$rm -f try try.*

```


esac

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/gccvers.U

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:gidsign: Myread Typedef gidtype Compile run

?MAKE: -pick add \$@ %<

?S:gidsign:

?S: This variable contains the signedness of a gidtype.

?S: 1 for unsigned, -1 for signed.

?S:.

?C:Gid_t_sign:

?C: This symbol holds the signedness of a Gid_t.

?C: 1 for unsigned, -1 for signed.

?C:.

?H:#define Gid_t_sign \$gidsign /* GID sign */

?H:.

?T:yyy zzz

?F:!try

: Check if GID is signed

echo " "

case "\$gidtype" in

*_t) zzz="\$gidtype" ;;

*) zzz="gid" ;;

esac

echo "Checking the sign of \$zzz..." >&4

cat > try.c <<EOCP

#include <sys/types.h>

#include

<stdio.h>

int main() {

 \$gidtype foo = -1;

 if (foo < 0)

 printf("-1\n");

 else

 printf("1\n");

}

```

EOCP
set try
if eval $compile; then
  yyy=`$run ./try`
  case "$yyy" in
    *) gidsign=1
      echo "(I can't execute the test program--guessing unsigned.)" >&4
      ;;
    *) gidsign=$yyy
      case "$gidsign" in
        1) echo "Your $zzz is unsigned." ;;
        -1) echo "Your $zzz is signed." ;;
      esac
      ;;
    esac
  else
    gidsign=1
    echo "(I can't compile the test program--guessing unsigned.)" >&4
  fi

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/gidsign.U

```

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?RCS:

?MAKE:usemorebits: Setvar

?MAKE: -pick add \$@ %<

?Y:TOP

?S:usemorebits:

?S: This variable conditionally defines the USE_MORE_BITS symbol,

?S: and indicates that explicit 64-bit interfaces and long doubles

?S: should be used when available.

?S:.

?C:USE_MORE_BITS:

?C: This symbol, if defined, indicates that 64-bit interfaces and

?C: long doubles should be used when available.

?C:.

?H:?%<:#ifndef USE_MORE_BITS

?H:?%<:#\$usemorebits USE_MORE_BITS /**/

?H:?%<:#endif

?H:.

```
?LINT:extern use64bitint
?LINT:change use64bitint
?LINT:extern uselongdouble
?LINT:change uselongdouble
: Check if morebits is requested
case "$usemorebits" in
"$define"|true|[yY]*)
use64bitint="$define"
uselongdouble="$define"
usemorebits="$define"
;;
*) usemorebits="$undef"
;;
esac
```

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usemorebits.U
```

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```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
```

```
?RCS:
```

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```

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```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?MAKE:d_mmap mmaptype: Inlibc i_sysmman cat cc cflags
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_mmap:
```

```
?S: This variable conditionally defines HAS_MMAP if mmap() is
```

```
?S: available to map a file into memory.
```

```
?S:.
```

```
?S:mmaptype:
```

```
?S: This symbol contains the type of pointer returned by mmap()
```

```
?S: (and simultaneously the type of the first argument).
```

```
?S: It can be 'void *' or 'caddr_t'.
```

```
?S:.
```

```
?C:HAS_MMAP:
```

```
?C: This symbol, if defined, indicates that the mmap system call is
```

```
?C: available to map a file into memory.
```

```
?C:.
```

```
?C:Mmap_t:
```

```
?C: This symbol
```

holds the return type of the mmap() system call
?C: (and simultaneously the type of the first argument).
?C: Usually set to 'void *' or 'caddr_t'.
?C:.

```
?H:#$d_mmap HAS_MMMap /**/  
?H:#define Mmap_t $mmaptype /**/  
?H:.  
?LINT:set d_mmap  
: see if mmap exists  
set mmap d_mmap  
eval $inlibc  
: see what shmat returns  
: default to something harmless  
mmaptype='void *'  
case "$i_sysmman$d_mmap" in  
"$define$define")  
$cat >mmap.c <<'END'  
#include <sys/mman.h>  
void *mmap();  
END  
if $cc $ccflags -c mmap.c >/dev/null 2>&1; then  
mmaptype='void *'  
else  
mmaptype='caddr_t'  
fi  
echo "and it returns ($mmaptype)." >&4  
;;  
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_mmap.U
```

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```
?RCS: $Id: i_malloc.U,v 3.5 2008/03/29 14:06:51 merijn Exp $  
?RCS:  
?RCS: Copyright (c) 2008, H.Merijn Brand  
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?RCS: of the source tree for dist 3.5.  
?RCS:  
?MAKE:i_mallocmalloc: Inhdr  
?MAKE: -pick add $@ %<  
?S:i_mallocmalloc:  
?S: This variable conditionally defines the I_MALLOCMALLOCC symbol,
```

?S: and indicates whether a C program should include <malloc/malloc.h>.

?S:.

?C:I_MALLOCMALLOC:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <malloc/malloc.h>.

?C:.

?H:#\$i_mallocmalloc I_MALLOCMALLOC /**/

?H:.

?LINT:set i_mallocmalloc

: see if malloc/malloc.h has to be included

set malloc/malloc.h i_mallocmalloc

eval

\$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_mallocmalloc.U

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:gidsize: Myread Typedef gidtype Compile run i_stdlib

?MAKE: -pick add \$@ %<

?S:gidsize:

?S: This variable contains the size of a gidtype in bytes.

?S:.

?C:Gid_t_size:

?C: This symbol holds the size of a Gid_t in bytes.

?C:.

?H:#define Gid_t_size \$gidsize /* GID size */

?H:.

?T:yyy zzz

?F:!try

: Check the size of GID

echo " "

case "\$gidtype" in

*_t) zzz="\$gidtype" ;;

*) zzz="gid" ;;

esac

echo "Checking the size of \$zzz..." >&4

cat > try.c <<EOCP

```

#include <sys/types.h>
#include <stdio.h>
#ifdef _STDLIB
#include
<stdlib.h>
#endif
int main() {
    printf("%d\n", (int)sizeof($gidtype));
    exit(0);
}
EOCP
set try
if eval $compile_ok; then
yyy=`$run ./try`
case "$yyy" in
") gidsize=4
echo "(I can't execute the test program--guessing $gidsize.)" >&4
;;
*) gidsize=$yyy
echo "Your $zzz is $gidsize bytes long."
;;
esac
else
gidsize=4
echo "(I can't compile the test program--guessing $gidsize.)" >&4
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/gidsize.U
```

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?RCS: \$Id: d_normsig.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

?RCS: \$Log: d_normsig.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:37:03 ram

?RCS: patch61: replaced .a with \$_a all over the place

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:14:48 ram

```

?RCS: patch36: call ./bsd explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:44 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_normsig joblib: test Setvar Guess _a
?MAKE: -pick add $@ %<
?S:d_normsig:
?S: This variable conditionally
    defines the NORMSIG symbol, which
?S: indicates to the C program that the normal signal handling routines
?S: should be used, as opposed to the ones in 4.1bsd (sigset, etc.).
?S:.
?S:joblib:
?S: This variable holds the argument to be passed to the loader to include
?S: the strange signal handling routines from 4.1bsd. On systems that
?S: have NORMSIG defined this variable is null.
?S:.
?C:NORMSIG:
?C: This symbol, if defined, indicates that normal signal handling routines
?C: should be used, as opposed to the ones in 4.1bsd (sigset, etc.).
?C:.
?H:#$d_normsig NORMSIG /**/
?H:.
?LINT:set d_normsig
: see if we need -ljobs and if we have sigset, etc.
echo " "
if $test -r /usr/lib/libjobs$_a || $test -r /usr/local/lib/libjobs$_a ; then
echo "Jobs library found." >&4
val="$undef"
joblib='-ljobs'
else
if ./bsd; then
echo "No jobs library found. (I suppose this is at least 4.2...)" >&4
else
echo "No jobs library found. (That's okay, we all have our faults.)" >&4
fi
val="$define"
joblib=""
fi
set
d_normsig
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_normsig.U

```

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```
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?RCS:
?MAKE:uselargefiles \
ccflags_uselargefiles \
ldflags_uselargefiles \
libswanted_uselargefiles: \
Myread Oldconfig Setvar test lseeksize fpossize \
fpostype Compile echo n c cat lseektype rm_try run \
use64bitint use64bitall i_stdlib
?MAKE: -pick add $@ %<
?Y:TOP
?S:uselargefiles:
?S: This variable conditionally defines the USE_LARGE_FILES symbol,
?S: and indicates that large file interfaces should be used when
?S: available.
?S:.
?S:ccflags_uselargefiles:
?S: This variable contains the compiler flags needed by large file builds
?S: and added to ccflags by hints files.
?S:.
?S:ldflags_uselargefiles:
?S: This variable contains the loader flags needed by large file builds
?S: and added to ldflags by
?S: hints files.
?S:.
?S:libswanted_uselargefiles:
?S: This variable contains the libraries needed by large file builds
?S: and added to ldflags by hints files. It is a space separated list
?S: of the library names without the "lib" prefix or any suffix, just
?S: like libswanted..
?S:.
?C:USE_LARGE_FILES:
?C: This symbol, if defined, indicates that large file support
?C: should be used when available.
?C:.
?H:?%<:#ifndef USE_LARGE_FILES
?H:?%<:#$uselargefiles USE_LARGE_FILES /**/
?H:?%<:#endif
?H:.
?INIT:ccflags_uselargefiles="
?INIT:ldflags_uselargefiles="
```



```
?INIT:libswanted_uselargefiles="
?T:yyy zzz
?F:!uselargefiles.cbu !try
?LINT:change lseeksize
?LINT:change fpossize
?LINT:extern usefs
?LINT:use use64bitint
?LINT:use use64bitall
: Check for large file support
# Backward compatibility (usefs is deprecated).
case "$usefs" in
"$define"|true|[yY]*)
cat <<EOM >&4

*** Configure -Dusefs is deprecated, using -Duselargefiles instead.
```

```
EOM
uselargefiles="$define"
;;
esac
```

```
case "$lseeksize:$fpossize"
in
8:8) cat <<EOM
```

You can have files larger than 2 gigabytes.

```
EOM
val="$define" ;;
*) case "$uselargefiles" in
"$undef"|false|[nN]*) dflt='n' ;;
*) dflt='y' ;;
esac
cat <<EOM
```

Perl can be built to understand large files (files larger than 2 gigabytes) on some systems. To do so, Configure can be run with `-Duselargefiles`.

If this doesn't make any sense to you, just accept the default `'$dflt'`.

```
EOM
rp="Try to understand large files, if available?"
./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef" ;;
esac
;;
esac
set uselargefiles
eval $setvar
```

```

: Look for a hint-file generated 'call-back-unit'. If the
: user has specified that a large files perl is to be built,
: we may need to set or change some other defaults.
if $test -f uselargefiles.cbu; then
  echo "Your platform has some specific hints regarding large file builds, using them..."
  . ./uselargefiles.cbu
fi
case "$uselargefiles" in
"$define")
  if $test -f uselargefiles.cbu;
  then
    echo " "
    echo "Rechecking to see how big your file offsets are..." >&4
    $cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main()
{
  printf("%d\n", (int)sizeof($lseektype));
  return(0);
}
EOCP
  set try
  if eval $compile_ok; then
    lseeksize=`$run ./try`
    $echo "Your file offsets are now $lseeksize bytes long."
  else
    dflt="$lseeksize"
    echo " "
    echo "(I can't seem to compile the test program. Guessing...)"
    rp="What is the size of your file offsets (in bytes)?"
    . ./myread
    lseeksize="$ans"
  fi
  case "$fpostype" in
*_t) zzz="$fpostype" ;;
*) zzz="fpos_t" ;;
esac
  $echo $n "Rechecking the size of $zzz...$c" >&4
  $cat > try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
#include <stdlib.h>
#ifdef L_STDLIB
#include <stdlib.h>
#endif
int main() {
  printf("%d\n", (int)sizeof($fpostype));

```

```

    return(0);
}
EOCP
set try
if eval $compile_ok; then
    yyy=`$run ./try`
    dflt="$lseeksize"
    case "$yyy" in
    *) echo
    " "
        echo "(I can't execute the test program--guessing $fpossizе.)" >&4
        ;;
    *) fpossizе=$yyy
        echo "$fpossizе bytes." >&4
        ;;
    esac
else
    dflt="$fpossizе"
    echo " "
    echo "(I can't compile the test program. Guessing...)" >&4
    rp="What is the size of your file positions (in bytes)?"
    ./myread
    fpossizе="$ans"
fi
$rm_try
fi
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/uselfs.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_sigblock.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_sigblock.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:21 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_sigblock: Inlibc
?MAKE: -pick add \$@ %<
?S:d_sigblock:
?S: This variable conditionally defines HAS_SIGBLOCK if sigblock() is
?S: available to block signal reception.
?S:.
?C:HAS_SIGBLOCK:
?C: This symbol, if defined, indicates that the sigblock routine is
?C: available to block signal reception.
?C:.
?H:#\$d_sigblock HAS_SIGBLOCK /**/
?H:.
?LINT:set
d_sigblock
: see if sigblock exists
set sigblock d_sigblock
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sigblock.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Config_h.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: Config_h.U,v \$
?RCS: Revision 3.0.1.5 1997/02/28 14:57:43 ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.4 1995/09/25 09:10:49 ram
?RCS: patch59: commented the purpose of the #un-def directive
?RCS:
?RCS: Revision 3.0.1.3 1995/01/30 14:25:39 ram
?RCS: patch49: typo fixes in leading config.h comment (WED)
?RCS:
?RCS: Revision 3.0.1.2 1993/08/24 12:13:20 ram
?RCS: patch3: added TOP as a local shell temporary variable
?RCS:
?RCS:

```

Revision 3.0.1.1 1993/08/19 06:42:20 ram
?RCS: patch1: leading config.sh searching was not aborting properly
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:47 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This file ends up producing the config_h.SH script, which is run to produce
?X: the config.h file. The file ./Config_h below contains all the ?H: lines
?X: extracted out of all the units. Metaconfig itself adds the !GROK!THIS!.
?X: Note that this code isn't included into Configure, but must be shipped with.
?X:
?X: For those who wish to know why the file is config_h.SH instead of the more
?X: natural config.h.SH, well... it is to support systems like MS-DOG. Only one
?X: 'dot' is allowed within the file name, as it is part of the "extension" of
?X: the file. MS-DOG will not let you have two 'dots' because that would mean
?X: two "extensions".
?X:
?MAKE:Config_h: Id End Config_sh Obsol_h myuname cf_time cf_by package src
?MAKE: -pick c_h_weed $@ %<
?MAKE: -pick
c_h_weed $@ ./Config_h
?MAKE: -pick c_h_weed $@ ./Obsol_h
?T:PERL_CONFIG_SH TOP
?LINT:unclosed !GROK!THIS!
?LINT:extern CONFIG_H CONFIG_SH
?LINT:change CONFIG_H CONFIG_SH
?X:?LINT:nocomment
: Set up for generating config_h.SH
case "$CONFIG_SH" in
") CONFIG_SH=config.sh;;
esac
case "$CONFIG_H" in
") CONFIG_H=config.h;;
esac
case $PERL_CONFIG_SH in
")
if test -f $CONFIG_SH; then TOP=.;
elif test -f ../$CONFIG_SH; then TOP=..;
elif test -f ../../$CONFIG_SH; then TOP=../../;
elif test -f ../../../$CONFIG_SH; then TOP=../../../;
elif test -f ../../../../$CONFIG_SH; then TOP=../../../../;
else
echo "Can't find $CONFIG_SH."; exit 1
fi
.$TOP/$CONFIG_SH
;;
esac

```

?X: Make sure we are in the directory where the .SH file is located.

```

case "$0" in
*/*) cd `expr X$0 : 'X\(.*/\)` ;;
esac
echo "Extracting $CONFIG_H (with variable substitutions)"
?X:
?X: Since we unconditionally translate leading #undef into /*#define, we're
?X: stuck when we really want to have a #undef in $CONFIG_H.
That's why there
?X: is provision here for #un-def, which is translated back into #undef after
?X: all original #undef have been processed.
?X:
?X: Previously, we changed all
?X: #undef FOO /**/
?X: into
?X: /*#define FOO /**/
?X: The xlc compiler (available on IBM's AIX) complains that this is
?X: an illegal attempt to write a nested comment, and warns against it.
?X: There's apparently no way to shut the compiler up, either.
?X: This sed command from Hallvard B Furuseth <h.b.furuseth@usit.uio.no>
?X: changes it to
?X: /*#define FOO / **/
sed <<!GROK!THIS!>$CONFIG_H -e 's!^#undef\(.*/\)!/*#define\1 \!' -e 's!^#un-def!#undef!'
/* This file was produced by running the config_h.SH script, which
* gets its values from $CONFIG_SH, which is generally produced by
* running Configure.
*
* Feel free to modify any of this as the need arises. Note, however,
* that running config_h.SH again will wipe out any changes you've made.
* For a more permanent change edit $CONFIG_SH and
rerun config_h.SH.
*/

/* Package name : $package
* Source directory : $src
* Configuration time: $cf_time
* Configured by : $cf_by
* Target system : $myuname
*/

#endif _config_h_
#define _config_h_

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/modified/Config_h.U
No license file was found, but licenses were detected in source scan.

```

```
?RCS: $Id: i_syslog.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_syslog: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_syslog:
?S: This variable conditionally defines the I_SYSLOG symbol,
?S: and indicates whether a C program should include <syslog.h>.
?S:.
?C:I_SYSLOG:
?C: This symbol, if defined, indicates that <syslog.h> exists and
?C: should be included.
?C:.
?H:#$i_syslog I_SYSLOG /**/
?H:.
?LINT:set i_syslog
: see if this is a syslog.h system
set syslog.h i_syslog
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_syslog.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_rdchk.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_rdchk.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:51 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_rdchk: Inlibc
?MAKE: -pick add $@ %<
?S:d_rdchk:
?S: This variable conditionally defines the HAS_RDCHK symbol, which
?S: indicates to the C program that the rdchk() routine is available
```

?S: to find out if there is input pending on an IO channel.

?S:.

?C:HAS_RDCHK (RDCHK):

?C: This symbol, if defined, indicates that the rdchk routine is available

?C: to find out if there is input pending on an IO channel. Generally

?C: the routine is used only if FIONREAD and O_NDELAY aren't available.

?C:.

?H:#\$d_rdchk HAS_RDCHK /**/

?H:.

?LINT:set d_rdchk

: see if rdchk exists

set rdchk d_rdchk

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_rdchk.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getprotoent_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_getprotoent_r getprotoent_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_getprotoent_r:

?S: This variable conditionally defines the HAS_GETPROTOENT_R symbol,

?S: which indicates to the C program that the getprotoent_r()

?S: routine is available.

?S:.

?S:getprotoent_r_proto:

?S: This variable encodes the prototype of getprotoent_r.

?S: It is zero if d_getprotoent_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotoent_r

?S: is defined.

?S:.

?C:HAS_GETPROTOENT_R:

?C: This symbol, if defined, indicates that the getprotoent_r routine

?C: is available to getprotoent re-entrantly.

?C:.

?C:GETPROTOENT_R_PROTO:


```

?C: This symbol encodes the prototype of getprotoent_r.
?C: It is zero if d_getprotoent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotoent_r
?C: is defined.
?C:.
?H:#$d_getprotoent_r HAS_GETPROTOENT_R /**/
?H:#define GETPROTOENT_R_PROTO $getprotoent_r_proto /**/
?H:.
?T:try hdrs d_getprotoent_r_proto
: see if getprotoent_r exists
set getprotoent_r d_getprotoent_r
eval $inlibc
case "$d_getprotoent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getprotoent_r_proto:$usethreads" in
":define") d_getprotoent_r_proto=define
set d_getprotoent_r_proto getprotoent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getprotoent_r_proto" in
define)
case "$getprotoent_r_proto" in
"|0) try='int getprotoent_r(struct protoent*, char*, size_t, struct protoent**);'
./protochk "$extern_C $try" $hdrs && getprotoent_r_proto=I_SBWR
;;
esac
case "$getprotoent_r_proto" in
"|0) try='int getprotoent_r(struct protoent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getprotoent_r_proto=I_SBI ;;
esac
case "$getprotoent_r_proto" in
"|0) try='struct protoent* getprotoent_r(struct protoent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getprotoent_r_proto=S_SBI ;;
esac
case "$getprotoent_r_proto" in
"|0) try='int getprotoent_r(struct protoent*, struct protoent_data*);'
./protochk "$extern_C $try" $hdrs && getprotoent_r_proto=I_SD ;;
esac
case "$getprotoent_r_proto" in
"|0) d_getprotoent_r=undef
getprotoent_r_proto=0
echo "Disabling getprotoent_r, cannot determine prototype." >&4 ;;
* ) case "$getprotoent_r_proto" in
REENTRANT_PROTO*) ;;
*) getprotoent_r_proto="REENTRANT_PROTO_$getprotoent_r_proto" ;;
esac

```

```

echo "Prototype: $try" ;;
esac
;;
*) case "$susetthreads" in
define) echo "getprotoent_r has no prototype, not using it." >&4 ;;
esac
d_getprotoent_r=undef
getprotoent_r_proto=0
;;
esac
;;
*) getprotoent_r_proto=0
;;
esac

```

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getprotoent_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_sigaction.U,v 3.0.1.1 1997/02/28 15:44:29 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d_sigaction.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:44:29 ram

?RCS: patch61: created

?RCS:

?RCS:

?MAKE:d_sigaction: Csym Compile Setvar cat rm_try i_stdlib

?MAKE: -pick add \$@ %<

?S:d_sigaction:

?S: This variable conditionally defines the HAS_SIGACTION symbol, which

?S: indicates that the Vr4 sigaction() routine is available.

?S:.

?C:HAS_SIGACTION:

?C: This symbol, if defined, indicates that Vr4's sigaction() routine

?C: is available.

?C:.

?H:#\$d_sigaction

```

HAS_SIGACTION /**/
?H:.
?T:val
?LINT:set d_sigaction
: see if we have sigaction
echo " "
if set sigaction val -f d_sigaction; eval $csym; $val; then
echo 'sigaction() found.' >&4
?X:
?X: Solaris 2.5_x86 with SunWorks Pro C 3.0.1 doesn't have a complete
?X: sigaction structure if compiled with cc -Xc. This compile test
?X: will fail then. <doughera@lafcol.lafayette.edu>
?X:
$cat > try.c <<EOP
#include <stdio.h>
#include <sys/types.h>
#include <signal.h>
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main()
{
    struct sigaction act, oact;
    act.sa_flags = 0;
    oact.sa_handler = 0;
    /* so that act and oact are used */
    exit(act.sa_flags == 0 && oact.sa_handler == 0);
}
EOP
set try
if eval $compile_ok; then
    val="$define"
else
    echo "But you don't seem to have a usable struct sigaction." >&4
    val="$undef"
fi
else
    echo 'sigaction NOT found.' >&4
    val="$undef"
fi
set d_sigaction; eval $setvar
$rm_try

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/compline/d_sigaction.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_niin.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_niin.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:24 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit looks wether <netinet/in.h> is available or not
?X:
?MAKE:i_niin i_sysin: Inhdr
?MAKE: -pick add $@ %<
?S:i_niin:
?S: This variable conditionally defines I_NETINET_IN, which indicates
?S: to the C program that it should include <netinet/in.h>. Otherwise,
?S: you may try <sys/in.h>.
?S:.
?S:i_sysin:
?S: This variable conditionally
defines I_SYS_IN, which indicates
?S: to the C program that it should include <sys/in.h> instead of
?S: <netinet/in.h>.
?S:.
?C:I_NETINET_IN:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <netinet/in.h>. Otherwise, you may try <sys/in.h>.
?C:.
?C:I_SYS_IN (I_SYSIN):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/in.h> instead of <netinet/in.h>.
?C:.
?H:#$i_niin I_NETINET_IN /**/
?H:#$i_sysin I_SYS_IN /**/
?H:.
?LINT:set i_niin i_sysin
: see if this is a netinet/in.h or sys/in.h system
set netinet/in.h i_niin sys/in.h i_sysin
eval $inhdr
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_niin.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_gethbynm.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:08 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_gethbynm: Inlibc

?MAKE: -pick add @\$ %<

?S:d_gethbynm (d_gethstby):

?S: This variable conditionally defines the HAS_GETHOSTBYNAME symbol, which

?S: indicates to the C program that the gethostbyname() routine is available

?S: to lookup host names in some data base or other.

?S:.

?C:HAS_GETHOSTBYNAME (GETHOSTBYNAME):

?C: This symbol, if defined, indicates that the gethostbyname()
routine is

?C: available to lookup host names in some data base or other.

?C:.

?H:#\$d_gethbynm HAS_GETHOSTBYNAME /**/

?H:.

?LINT:set d_gethbynm

: see if gethostbyname exists

set gethostbyname d_gethbynm

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gethbynm.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_safemcpy.U,v \$

?RCS: Revision 3.0.1.5 1997/02/28 15:41:12 ram

?RCS: patch61: improved overlapping copy check

?RCS: patch61: comfort them if they have memmove

?RCS: patch61: added ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.4 1995/07/25 13:58:46 ram

?RCS: patch56: re-arranged compile line to include ldflags before objects

?RCS:

?RCS: Revision 3.0.1.3 1995/03/21 08:47:26 ram

?RCS: patch52: swapped two first arguments of memcopy() calls

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 16:15:10

ram

?RCS: patch36: added 'ldflags' to the test compile line (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 14:53:12 ram

?RCS: patch23: ensure string is not optimized in read-only memory (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:58 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_safemcpy: cat d_memcopy +cc +optimize +ccflags +libs +ldflags rm \

d_memmove i_memory i_stdlib i_string i_unistd Oldconfig Setvar

?MAKE: -pick add \$@ %<

?S:d_safemcpy:

?S: This variable conditionally defines the HAS_SAFE_MEMCPY symbol if

?S: the memcopy() routine can do overlapping copies.

?S:.

?C:HAS_SAFE_MEMCPY (SAFE_MEMCPY):

?C: This symbol, if defined, indicates that the memcopy routine is available

?C: to copy potentially overlapping memory blocks. Otherwise you should

?C: probably use memmove() or memcopy(). If neither is defined, roll your

?C: own version.

?C:.

?H:#\$d_safemcpy HAS_SAFE_MEMCPY /**/

?H:.

?F:!safemcpy

?LINT: set d_safemcpy

: can memcopy handle overlapping blocks?

?X:

assume the worst

val="\$undef"

```

case "$d_memcpy" in
"$define")
echo " "
echo "Checking to see if your memcpy() can do overlapping copies..." >&4
$cat >foo.c <<EOCP
#$i_memory I_MEMORY
#$i_stdlib I_STDLIB
#$i_string I_STRING
#$i_unistd I_UNISTD
EOCP
$cat >>foo.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
# include <memory.h>
#endif
#ifdef I_STDLIB
# include <stdlib.h>
#endif
#ifdef I_STRING
# include <string.h>
#else
# include <strings.h>
#endif
#ifdef I_UNISTD
# include <unistd.h> /* Needed for NetBSD */
#endif
int main()
{
char buf[128], abc[128];
char *b;
int len;
int off;
int align;

/* Copy "abcde..." string to char abc[] so that gcc doesn't
try to store the string in read-only memory. */
memcpy(abc, "abcdefghijklmnopqrstuvwxy0123456789", 36);

for (align = 7; align >= 0; align--) {
for (len = 36; len; len--) {
b = buf+align;
memcpy(b, abc, len);
for (off = 1; off <= len; off++) {
memcpy(b+off, b, len);
memcpy(b, b+off, len);
if (memcmp(b, abc, len))
exit(1);
}
}
}

```

```

}
}
exit(0);
}
EOCP
if
$cc $optimize $ccflags $ldflags \
    -o safemcpy foo.c $libs >/dev/null 2>&1; then
if ./safemcpy 2>/dev/null; then
    echo "Yes, it can."
    val="$define"
else
    echo "It can't, sorry."
    case "$d_memmove" in
"$define") echo "But that's Ok since you have memmove()." ;;
    esac
fi
else
    echo "(I can't compile the test program, so we'll assume not...)"
    case "$d_memmove" in
"$define") echo "But that's Ok since you have memmove()." ;;
    esac
fi
;;
esac
$rm -f foo.* safemcpy core
set d_safemcpy
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_safemcpy.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Inhdr.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Inhdr.U,v \$

?RCS: Revision 3.0.1.2 1995/05/12 12:01:31 ram

?RCS: patch54: deleted tabs that caused some /bin/sh to core dump (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 15:55:01 ram

?RCS: patch36: call ./whoa explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:01 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit checks wether a set of header files exists or not.

?X: If the first header is not
found, the function tries to locate
?X: the next header, and so on, until one is found or there is no
?X: more header in the list.

?X:

?X: To use it, say:

?X: set header i_header [header2 i_header2 ...]

?X: eval \$inhdr

?X:

?MAKE:Inhdr: test Findhdr Whoa

?MAKE: -pick add \$@ %<

?LINT:define inhdr

?V:inhdr

?S:inhdr:

?S: This shell variable is used internally by Configure to check
?S: wether a set of headers exist or not. A typical use is:
?S: set header i_header [header2 i_header2 ...]
?S: eval \$inhdr

?S: That will print a message, saying wether header was found or not
?S: and set i_header* accordingly. If the first header is not found,
?S: we try the next one, until the list is empty or one is found.

?S:.

?T:xxx xxf var td xxnf tu yyy instead was cont
: define an alternate in-header-list? function
inhdr='echo " "; td=\$define; tu=\$undef; yyy=\$@;
cont=true; xxf="echo \"<\$1> found.\" >&4";
case \$# in 2) xxnf="echo \"<\$1> NOT found.\" >&4";;
*) xxnf="echo \"<\$1> NOT found, ...\" >&4";;
esac;
case
\$# in 4) instead=instead;; *) instead="at last";; esac;
while \$test "\$cont"; do
xxx=`./findhdr \$1`
var=\$2; eval "was=\\$2";
if \$test "\$xxx" && \$test -r "\$xxx";
then eval \$xxf;
?X: Next line shifted left 1 tabstop to avoid sh core dump on MachTen 2.1.1.
eval "case \"\\${\$var}\" in \$undef) ./whoa; esac"; eval "\$var=\\${td}";
cont="";
else eval \$xxnf;

?X: Likewise, the next line has been shifted left 1 tabstop -- ADO, 08/03/95

```
eval "case \"\$$var\" in $define) . ./whoa; esac"; eval "$var=\$tu"; fi;
set $yyy; shift; shift; yyy=$@;
case $# in 0) cont="";;
2) xxf="echo \"but I found <\$1> $instead.\" >&4";
   xxnf="echo \"and I did not find <\$1> either.\" >&4";;
*) xxf="echo \"but I found <\$1> instead.\" >&4";
   xxnf="echo \"there is no <\$1>, ...\" >&4";;
esac;
done;
?X: Remaining values are set to 'undef'
while $stest "$yyy";
do set $yyy; var=$2; eval "was=\$$2";
eval "case \"\$$var\" in $define) . ./whoa; esac"; eval "$var=\$tu";
set $yyy; shift; shift; yyy=$@;
done'
```

Found

in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Inhdr.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: socksizetype.U,v \$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:socksizetype: \

Protochk Oldconfig Myread cat d_socket d_socklen_t sizetype \
usesocks i_socks i_systypes extern_C

?MAKE: -pick add \$@ %<

?S:socksizetype:

?S: This variable holds the type used for the size argument

?S: for various socket calls like accept. Usual values include

?S: socklen_t, size_t, and int.

?S:.

?C:Sock_size_t:

?C: This symbol holds the type used for the size argument of

?C: various socket calls (just the base type, not the pointer-to).

?C:.

?H:#define Sock_size_t \$socksizetype /**/

?H:.

?T:xxx yyy try

@if Sock_size_t

: check for type of the size argument to socket calls

```

case "$d_socket" in
"$define")
$cat <<EOM

```

Checking to see what type is the last argument
of accept().

EOM

```

yyy="
case "$d_socklen_t" in
"$define") yyy="$yyy socklen_t"
esac
yyy="$yyy $sizetype int long unsigned"
for xxx in $yyy; do
case "$socksizetype" in
") try="$extern_C int accept(int, struct sockaddr *, $xxx *);"
case "$usesocks" in
"$define")
if ./protochk "$try" $i_systypes sys/types.h $d_socket sys/socket.h literal '#define INCLUDE_PROTOTYPES'
$i_socks socks.h.; then
echo "Your system accepts '$xxx *' for the last argument of accept()."
socksizetype="$xxx"
fi
;;
*) if ./protochk "$try" $i_systypes sys/types.h $d_socket sys/socket.h; then
echo "Your system accepts '$xxx *' for the last argument of accept()."
socksizetype="$xxx"
fi
;;
esac
done
: In case none of those worked, prompt the user.
case "$socksizetype" in
") rp='What is the type for socket address structure sizes?'
dflt='int'
. ./myread
socksizetype=$ans
;;
esac
;;
*) : no sockets, so pick relatively harmless default
socksizetype='int'
;;
esac
@end

```

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/socksizetype.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: nlist_pfx.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: nlist_pfx.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:26:18 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:25 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:nlist_pfx nlist_fnd: cat test Myread Oldconfig libnlist \

+cc +ccflags

?MAKE: -pick add \$@ %<

?S:nlist_pfx:

?S: This variable holds any characters which precede the symbol name

?S: when doing an nlist search.

?S:.

?S:nlist_fnd:

?S: This

variable holds the member of the nlist structure which is

?S: nonzero if an nlist search succeeds. Presently, it is always "n_value".

?S:.

?C:NLIST_PREFIX:

?C: This manifest constant holds the string of characters which should

?C: precede the symbol name when doing an nlist search.

?C:.

?C:NLIST_FOUND:

?C: This manifest constant holds the member of the nlist structure which

?C: is nonzero if an nlist search succeeds.

?C:.

?H:#define NLIST_PREFIX \$nlist_pfx /**/

?H:#define NLIST_FOUND \$nlist_fnd /**/

?H:.

?F:!nlisttest

?T:nlist_loc

: Nose around for nlist stuff

```

echo " "
echo "Checking out nlist stuff..." >&4
$cat >nlisttest.c <<'EOCP'
#include <stdio.h>
#include <nlist.h>

main(argc, argv)
int argc;
char **argv;
{
int (*loc)();
extern int hereIam();
static struct nlist nl[] = {
    { "IamNotFound", 0 },
    { "hereIam", 0 },
    { "_hereIam", 0 },
    { ".hereIam", 0 },
    { "", 0 }
};

loc = hereIam;

if(argc == 1) {
    printf("%ld\n", loc);}
else {
    int i;
    int rc;

    if(nlist("./nlisttest",
nl) == -1) exit(-1);
    i = argv[1][0] - '0';
    printf("%d %d %d\n", nl[i].n_name, nl[i].n_type, nl[i].n_value);
    }
    exit(0);}

int hereIam() {

    return;}
EOCP
nlist_fnd=n_value
if $cc $ccflags -o nlisttest nlisttest.c $libnlist >/dev/null 2>&1 ; then
set `./nlisttest`
nlist_loc=$1

set `./nlisttest 0`
if $test "$3" = "0" ; then
    echo "$nlist_fnd is 0 if nlist() fails, as I expected."
else

```

```
$cat <<EOM
```

Hello, Jim. We have just discovered that \$nlist_fnd was nonzero on an nlist() lookup failure! Your mission, should you choose to accept it, is to edit either config.sh (to provide a Good value for nlist_fnd) or The Code (to find an alternative to NLIST_FOUND), and reporting the full details of your success to the MetaConfig Police. Of course, should you fail...

```
EOM
```

```
nlist_fnd="/* Blech! */ /*"
```

```
fi
```

```
set `./nlisttest 1`
```

```
if $test "$nlist_loc" = "$3" ; then
```

```
echo "Symbols are stored with no initial characters."
```

```
nlist_pfx=
```

```
else
```

```
set `./nlisttest 2`
```

```
if
```

```
$test "$nlist_loc" = "$3" ; then
```

```
echo "Symbols are stored with an initial underscore."
```

```
nlist_pfx=_
```

```
else
```

```
set `./nlisttest 3`
```

```
if $test "$nlist_loc" = "$3" ; then
```

```
echo "Symbols are stored with an initial dot."
```

```
nlist_pfx=.
```

```
else
```

```
$cat <<EOM
```

I can't figure out the symbol prefix!

You get to edit config.sh and fix 'nlist_pfx' (Configure will let you do this at the end of its configuration questions), or config.h and fix the value of the NLIST_PREFIX symbol.

```
EOM
```

```
nlist_pfx="/* Blech! */ /*"
```

```
fi
```

```
fi
```

```
fi
```

```
else
```

```
$cat <<EOM
```

I can't get the nlist test program working!

You get to edit config.sh and fix 'nlist_pfx' (Configure will let you do this at the end of its configuration questions) and 'nlist_fnd', or config.h and fix the value of the NLIST_PREFIX and NLIST_FOUND symbols.

```
EOM
```

```
nlist_pfx="/* Blech! */ /*"
```

```
nlist_fnd="/* Blech! */ /*"
```

```
fi
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/nlist_pfx.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: lseektype.U,v 3.0.1.1 1994/08/29 16:30:10 ram Exp \$
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: lseektype.U,v \$
?RCS: Revision 3.0.1.1 1994/08/29 16:30:10 ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:08 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:lseektype lseeksize: Myread Typedef cat Compile rm_try longsize run
?MAKE: -pick add \$@ %<
?S:lseektype:
?S: This variable defines lseektype to be something like off_t, long,
?S: or whatever type is used to declare
lseek offset's type in the
?S: kernel (which also appears to be lseek's return type).
?S:.
?S:lseeksize:
?S: This variable defines lseeksize to be something like off_t, long,
?S: or whatever type is used to declare lseek offset's type in the
?S: kernel (which also appears to be lseek's return type).
?S:.
?C:Off_t (LSEEKTYPE):
?C: This symbol holds the type used to declare offsets in the kernel.
?C: It can be int, long, off_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?C:LSEEKSIZE:
?C: This symbol holds the number of bytes used by the Off_t.
?C:.
?C:Off_t_size:
?C: This symbol holds the number of bytes used by the Off_t.
?C:.
?H:#define Off_t \$lseektype /* <offset> type */
?H:#define LSEEKSIZE \$lseeksize /* <offset> size */
?H:#define Off_t_size \$lseeksize /* <offset> size */

```

?H:
?F:!try
?LINT:set lseektype
: see what type lseek is declared as in the kernel
rp="What is the type used for lseek's offset on this system?"
set off_t lseektype
  long stdio.h sys/types.h
eval $typedef_ask

echo " "
echo "Checking to see how big your file offsets are..." >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main()
{
  printf("%d\n", (int)sizeof($lseektype));
  return(0);
}
EOCP
set try
if eval $compile_ok; then
  lseeksize=`$run ./try`
  echo "Your file offsets are $lseeksize bytes long."
else
  dflt=$longsize
  echo " "
  echo "(I can't seem to compile the test program. Guessing...)"
  rp="What is the size of your file offsets (in bytes)?"
  ./myread
  lseeksize="$ans"
fi
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/lseektype.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: cflags.U,v 3.0.1.9 1997/02/28 15:27:07 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
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?RCS: as specified in the README file that comes with the distribution.
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```

```
?RCS: of the source tree for dist 3.0.
```


?RCS:
?RCS: \$Log: ccflags.U,v \$
?RCS: Revision 3.0.1.9 1997/02/28 15:27:07 ram
?RCS: patch61: removed support for NO_PROTOTYPE detection on SCO
?RCS: patch61: new locincpth variable
?RCS: patch61: added info on the "additional ld flags" question
?RCS:
?RCS: Revision 3.0.1.8 1995/07/25 13:48:54 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.7 1995/05/12 12:08:33 ram
?RCS: patch54: now checks for cc/ccflags/ldflags
coherency
?RCS:
?RCS: Revision 3.0.1.6 1994/10/29 16:07:02 ram
?RCS: patch36: gcc versioning no longer relies on the C compiler's name
?RCS: patch36: simplified check for gcc version checking (ADO)
?RCS:
?RCS: Revision 3.0.1.5 1994/08/29 16:06:35 ram
?RCS: patch32: propagate -posix flag from ccflags to ldflags
?RCS:
?RCS: Revision 3.0.1.4 1994/05/06 14:28:45 ram
?RCS: patch23: -fpcc-struct-return only needed in gcc 1.x (ADO)
?RCS: patch23: cppflags now computed on an option-by-option basis
?RCS: patch23: magically added cc flags now only done the first time
?RCS:
?RCS: Revision 3.0.1.3 1993/09/13 15:58:29 ram
?RCS: patch10: explicitly mention -DDEBUG just in case they need it (WAD)
?RCS: patch10: removed all the "tans" variable usage (WAD)
?RCS:
?RCS: Revision 3.0.1.2 1993/08/27 14:39:38 ram
?RCS: patch7: added support for OSF/1 machines
?RCS:
?RCS: Revision 3.0.1.1 1993/08/25 14:00:24 ram
?RCS: patch6: added defaults for cppflags, ccflags and ldflags
?RCS:
?RCS:
Revision 3.0 1993/08/18 12:05:31 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:ccflags ldflags lkflags cppflags optimize locincpth: test cat osname \
Myread Guess Options Oldconfig +gccversion mips_type +usrinc \
package contains rm +cc cppstdin cppminus cprun cpplast libpth \
libs loclibpth hint usesocks sh run rm_try sysroot
?MAKE: -pick add \$@ %<
?S:ccflags:
?S: This variable contains any additional C compiler flags desired by
?S: the user. It is up to the Makefile to use this.

?S:.

?S:cppflags:
?S: This variable holds the flags that will be passed to the C pre-processor. It is up to the Makefile to use it.

?S:.

?S:optimize:
?S: This variable contains any optimizer/debugger flag that should be used.
?S: It is up to the Makefile to use it.

?S:.

?S:ldflags:
?S: This variable contains any additional C loader flags desired by the user. It is up to the Makefile to use this.

?S:.

?S:lkflags:
?S: This variable contains any additional C partial linker flags desired by the user. It is up to the Makefile to use this.

?S:.

?S:locincpth:
?S: This variable contains a list of additional directories to be searched by the compiler. The appropriate '-I' directives will be added to cflags. This is intended to simplify setting local directories from the Configure command line.
?S: It's not much, but it parallels the loclibpth stuff in libpth.U.

?S:.

?T:inctest thisincl xxx inclwanted ftry previous thislibdir

?T:EBUGGING DEBUGGING

?T:check flag callback checkccflag

?F:!cpp.c !gcctest !try

?D:cppflags=""

?D:cflags=""

?D:ldflags=""

?D:optimize=""

?LINT:extern _sysroot

?INIT:: Possible local include directories to search.

?INIT:: Set locincpth to "" in a hint file to defeat local include searches.

?INIT:locincpth="/usr/local/include /opt/local/include /usr/gnu/include"

?INIT:locincpth="\$locincpth /opt/gnu/include /usr/GNU/include /opt/GNU/include"

?INIT::

?INIT:: no include file wanted by default

?INIT:inclwanted=""

?INIT:

?INIT::

Enable -DEBUGGING and -DDEBUGGING from the command line

?INIT:EBUGGING=""

?INIT:DEBUGGING=""

?INIT:

: determine optimization, if desired, or use for debug flag also

```
?X: Allow for Configure -Uoptimize -- it's not strictly sensible, but
?X: it has happened and we know what they mean. AD 2/16/98
case "$optimize" in
'|$undef) dflt='none';;
") dflt='-O';;
*) dflt="$optimize";;
esac
$cat <<EOH
```

By default, \$package compiles with the -O flag to use the optimizer. Alternately, you might want to use the symbolic debugger, which uses the -g flag (on traditional Unix systems). Either flag can be specified here. To use neither flag, specify the word "none".

```
EOH
rp="What optimizer/debugger flag should be used?"
./myread
optimize="$ans"
case "$optimize" in
'none') optimize=" ";;
esac
```

```
: Check what DEBUGGING is required from the command line
:-DEBUGGING or -DDEBUGGING or
:-DEBUGGING=both = -g + -DDEBUGGING
:-DEBUGGING=-g or -Doptimize=-g = -g
:-DEBUGGING=none or -UDEBUGGING =
:
-DEBUGGING=old or -DEBUGGING=default = ? $optimize
case "$EBUGGING" in
") ;;
*) DEBUGGING=$EBUGGING ;;
esac
```

```
case "$DEBUGGING" in
-g|both|$define)
  case "$optimize" in
  *-g*) ;;
  *) optimize="$optimize -g" ;;
  esac ;;
none|$undef)
  case "$optimize" in
  *-g*) set `echo "X $optimize " | sed 's/ -g / /'`
  shift
  optimize="$*"
  ;;
  esac ;;
esac
```

```

dflt="
case "$DEBUGGING" in
both|$define) dflt='-DDEBUGGING'
esac

```

: argument order is deliberate, as the flag will start with - which set could
: think is an option

```

checkccflag='check=$1; flag=$2; callback=$3;
echo " ";
echo "Checking if your compiler accepts $flag" 2>&1;
[ "X$sysroot" != "X" ] && echo "For sysroot = $sysroot";
echo "int main(void) { return 0; }" > gcctest.c;
if $cc $_sysroot -O2 $flag -o gcctest gcctest.c 2>gcctest.out && $run ./gcctest; then
    echo "Yes, it does." 2>&1;
    if $test -s gcctest.out ; then
        echo "But your platform does not like it:";
        cat gcctest.out;
    else
case "$ccflags"
in
*$check*)
    echo "Leaving current flags $ccflags alone." 2>&1
    ;;
*) dflt="$dflt $flag";
    eval $callback
    ;;
esac
fi
else
    echo "Nope, it does not, but that is ok." 2>&1;
fi
'

```

: We will not override a previous value, but we might want to
: augment a hint file

```

case "$hint" in
default|recommended)
case "$gccversion" in
1*) dflt="$dflt -fpcc-struct-return" ;;
esac
case "$optimize:$DEBUGGING" in
*-g*:old) dflt="$dflt -DDEBUGGING";;
esac
?X: check for POSIXized ISC
case "$gccversion" in
2*) if $test -d /etc/conf/kconfig.d &&
    $contains _POSIX_VERSION $usrinc/sys/unistd.h >/dev/null 2>&1

```

```

then
# Interactive Systems (ISC) POSIX mode.
dflt="$dflt -posix"
fi
;;
esac
?X: If the user has gcc-2.95 or greater, try adding -fno-strict-alias.
?X: Since the gcc "version" can be non-numeric, e.g.
?X: "2.95.1 19990809 (prerelease)" , we'll do the test on any version
?X: greater than 2.8.
?X: --Andy Dougherty 27 Aug 1999
case "$gccversion" in
1*) ;;
2.[0-8]*)
;;
?*) set strict-aliasing -fno-strict-aliasing
eval $checkccflag
;;
esac
?X: HMB 200405
?X: -pipe has shown a compile time speedup of about 40% on Linux and HP-UX
?X: and also worked on cygwin-1.5.9
?X: If a system fails, disable it in the hints. 99% of gcc uses binutils
# For gcc, adding -pipe speeds up compilations for some, but apparently
# some assemblers can't read from stdin. (It also slows down compilations
# in other cases, but those are apparently rarer these days.) AD 5/2004.
case "$gccversion" in
?*) set pipe -pipe
eval $checkccflag
;;
esac

?X: NWC 200712
# on x86_64 (at least) we require an extra library (libssp) in the
# link command line. This library is not named, so I infer that it is
# an implementation detail that may change. Hence the safest approach
# is to add the flag to the flags passed to the compiler at link time,
# as that way the compiler can do the right implementation dependant
# thing. (NWC)
case "$osname" in
amigaos)
;; # -fstack-protector builds but doesn't work
*) case "$gccversion" in
?*) set stack-protector-strong -fstack-protector-strong
eval $checkccflag
case "$dflt" in
*-fstack-protector-strong*) ;; # It got added.
*) # Try the plain/older -fstack-protector.

```

```

    set stack-protector -fstack-protector
    eval $checkccflag
    ;;
esac
;;
esac
;;
esac
;;
esac

```

?X: In USG mode, a MIPS system may need some BSD includes

```

case "$mips_type" in
*BSD*) inclwanted="$locincpth $usrinc";;
*) inclwanted="$locincpth $inclwanted $usrinc/bsd";;
esac
for thisincl in $inclwanted; do
if $test -d $thisincl; then
if $test x$thisincl != x$usrinc; then
case "$dflt" in
*" -I$thisincl "*);;
*) dflt="$dflt -I$thisincl ";;
esac
fi
fi
done

```

?X: Include test function (header, symbol)

```

inctest='if $contains $2 $usrinc/$1 >/dev/null 2>&1; then
xxx=true;
elif $contains $2 $usrinc/sys/$1 >/dev/null 2>&1; then
xxx=true;
else
xxx=false;
fi;
if $xxx; then
case "$dflt" in
*$2*);;
*)
dflt="$dflt -D$2";;
esac;
fi'

```

```

set signal.h LANGUAGE_C; eval $inctest

```

```

case "$usesocks" in
$define)
ccflags="$ccflags -DSOCKS"

```

```

;;
esac

case "$hint" in
default|recommended) dflt="$ccflags $dflt" ;;
*) dflt="$ccflags";;
esac

case "$dflt" in
"|' ') dflt=none;;
esac

$cat <<EOH

```

Your C compiler may want other flags. For this question you should include `-I/whatever` and `-DWHATEVER` flags and any other flags used by the C compiler, but you should NOT include libraries or `ld` flags like `-lwhatever`. If you want `$package` to honor its debug switch, you should include `-DDEBUGGING` here. Your C compiler might also need additional flags, such as `-D_POSIX_SOURCE`.

To use no flags, specify the word "none".

```

EOH
?X: strip leading space
set X $dflt
shift
dflt=${1+"$@"}
rp="Any additional cc flags?"
./myread
case "$ans" in
none) ccflags="";;
*) ccflags="$ans";;
esac

```

: the following weeds options from `ccflags` that are of no interest to `cpp`

```

case "$cppflags" in
") cppflags="$ccflags"
;;
*) set X $ccflags; shift
case " $cppflags " in
*" $1 "*" ;; # Try to avoid doubling the cppflags.
*) cppflags="$cppflags $ccflags" ;;
esac
;;
esac
case "$gccversion" in
1*) cppflags="$cppflags -D__GNUC__"
esac

```

```

case "$mips_type" in
");;
*BSD*) cppflags="$cppflags -DSYSTYPE_BSD43";;
esac
case "$Scppflags" in
");;
*)
echo " "
echo "Let me guess what the preprocessor flags are..." >&4
set X $Scppflags
shift
cppflags="
$cat >cpp.c <<'EOM'
#define BLURFL foo

BLURFL xx LFRULB
EOM
?X:
?X: For each cc flag, try it out with both cppstdin and cprun, since the
?X: first is almost surely a cc wrapper. We have to try both in case
?X: of cc flags like '-Olimit 2900' that are actually two words...
?X:
previous="
for flag in $*
do
case "$flag" in
-*) ftry="$flag";;
*) ftry="$previous $flag";;
esac
if $cppstdin -DLFRULB=bar $cppflags $ftry $cppminus <cpp.c \
>cpp1.out 2>/dev/null && \
$cpprun -DLFRULB=bar $cppflags $ftry $cpplast <cpp.c \
>cpp2.out
2>/dev/null && \
$contains 'foo.*xx.*bar' cpp1.out >/dev/null 2>&1 && \
$contains 'foo.*xx.*bar' cpp2.out >/dev/null 2>&1
then
cppflags="$cppflags $ftry"
previous="
else
previous="$flag"
fi
done
set X $cppflags
shift
cppflags=${1+"$@"}
case "$cppflags" in
*~*) echo "They appear to be: $cppflags";;

```



```

esac
$rm -f cpp.c cpp?.out
;;
esac

: flags used in final linking phase
case "$ldflags" in
") if ./venix; then
    dflt='-i -z'
else
    dflt=""
fi
case "$ccflags" in
*_posix*) dflt="$dflt -posix" ;;
esac
;;
*) dflt="$ldflags";;
esac
# See note above about -fstack-protector
case "$ccflags" in
*_fstack-protector-strong*)
case "$dflt" in
*_fstack-protector-strong*) ;; # Don't add it again
*) dflt="$dflt -fstack-protector-strong" ;;
esac
;;
*_fstack-protector*)
case "$dflt" in
*_fstack-protector*) ;; # Don't add it again
*) dflt="$dflt -fstack-protector" ;;
esac
;;
esac

: Try to guess additional flags to pick up local libraries.
for thislibdir in $libpth;
do
case " $loclibpth " in
*" $thislibdir ")
case "$dflt " in
*_L$thislibdir ") ;;
*) dflt="$dflt -L$thislibdir" ;;
esac
;;
esac
done

case "$dflt" in

```

```
) dflt='none' ;;
esac
```

```
$cat <<EOH
```

Your C linker may need flags. For this question you should include `-L/whatever` and any other flags used by the C linker, but you should NOT include libraries like `-lwhatever`.

Make sure you include the appropriate `-L/path` flags if your C linker does not normally search all of the directories you specified above, namely

```
$libpth
```

To use no flags, specify the word "none".

```
EOH
```

```
rp="Any additional ld flags (NOT including libraries)?"
./myread
case "$ans" in
none) ldflags="";;
*) ldflags="$ans";;
esac
rmlist="$rmlist pdp11"
```

```
@if lkflags
```

```
: partial linking may need other flags
```

```
case "$lkflags" in
```

```
) case "$ldflags" in
```

```
) dflt='none';;
```

```
*) dflt="$ldflags";;
```

```
esac;;
```

```
*) dflt="$lkflags";;
```

```
esac
```

```
echo " "
```

```
rp="Partial linking flags to be used (NOT including -r)?"
```

```
./myread
```

```
case "$ans" in
```

```
none)
```

```
lkflags="";;
```

```
*) lkflags="$ans";;
```

```
esac
```

```
@end
```

```
?X:
```

```
?X: If the user changes compilers after selecting a hint file, it's
```

```
?X: possible that the suggested ccflags/ldflags will be wrong. Try to
```

```
?X: compile and run a simple test program. Let the user see all the
```

?X: error messages. -- ADO and RAM
?X: Sometimes, particularly on Linux systems, there is a bad library
?X: (e.g. a dangling symlink or incompatible library or a "run-time"
?X: version but not a "development" version of a library). This test
?X: will catch those sorts of problems too, though how to fix them
?X: may not be obvious.

?X:

: coherency check

echo " "

echo "Checking your choice of C compiler and flags for coherency..." >&4

\$cat > try.c <<'EOF'

```
#include <stdio.h>
```

```
int main() { printf("Ok\n"); return(0); }
```

EOF

?X: Strip extra blanks in case some of the following variables are empty

```
set X $cc -o try $optimize $ccflags $ldflags try.c $libs
```

```
shift
```

\$cat >try.msg <<'EOM'

I've tried to compile and run the following simple program:

EOM

\$cat

```
try.c >> try.msg
```

\$cat >> try.msg <<EOM

I used the command:

```
$*
```

```
$run ./try
```

and I got the following output:

EOM

```
dflt=y
```

?X: Use "sh -c" to avoid error messages tagged with leading "Configure:".

?X: We need to try the resulting executable, because cc might yield a 0 status

?X: even when ld failed, in which case the executable will not run properly,

?X: if its x bit is set at all...

```
if $sh -c "$cc -o try $optimize $ccflags $ldflags try.c $libs" >>try.msg 2>&1; then
```

```
if $sh -c "$run ./try " >>try.msg 2>&1; then
```

```
xxx=`$run ./try`
```

```
case "$xxx" in
```

```
"Ok") dflt=n ;;
```

```
*) echo "The program compiled OK, but produced no output." >> try.msg ;;
```

```
esac
```

```
else
```

```
echo "The program compiled OK, but exited with status $?." >>try.msg
```

```

rp="You have a problem. Shall I abort Configure"
dflt=y
fi
else
echo "I can't compile the test program." >>try.msg
rp="You have a BIG problem. Shall I abort Configure"
dflt=y
fi
case "$dflt" in
y)
$cat try.msg >&4
?X: using -K will prevent
default aborting--maybe they're cross compiling?
case "$knowitall" in
")
echo "(The supplied flags or libraries might be incorrect.)"
;;
*) dflt=n;;
esac
echo " "
./myread
case "$ans" in
n*|N*) ;;
*) echo "Ok. Stopping Configure." >&4
exit 1
;;
esac
;;
n) echo "OK, that should do.";;
esac
$rm_try gcctest gcctest.out

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/ccflags.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_pause.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:
?RCS: \$Log: d_pause.U,v \$
?RCS: Revision 3.0.1.1 1994/08/29 16:09:54 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_pause: Inlibc
?MAKE: -pick add \$@ %<
?S:d_pause:
?S: This variable conditionally defines the HAS_PAUSE symbol, which
?S: indicates to the C program that the pause() routine is available
?S: to suspend a process until a signal is received.
?S:.
?C:HAS_PAUSE :
?C: This symbol,
if defined, indicates that the pause routine is
?C: available to suspend a process until a signal is received.
?C:.
?H:#\$d_pause HAS_PAUSE /**/
?H:.
?LINT:set d_pause
: see if pause exists
set pause d_pause
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pause.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_drem.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: \$Log: d_drem.U,v \$
?RCS: Revision 3.0.1.1 1994/10/29 16:12:14 ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_drem: Inlibc
?MAKE: -pick add \$@ %<
?S:d_drem:

?S: This variable conditionally defines the HAS_DREM symbol, which

?S: indicates to the C program that the drem() routine is available.

?S:.

?C:HAS_DREM :

?C: This symbol, if defined, indicates that the drem routine is

?C: available.

This routine is roughly the same as fmod, i.e. it

?C: computes the remainder $r=x-n*y$, where $n=rint(x/y)$, whereas fmod

?C: uses $n=trunc(x/y)$.

?C:.

?H:#\$d_drem HAS_DREM /**/

?H:.

?LINT:set d_drem

: see if drem exists

set drem d_drem

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_drem.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_pthread_atfork: Inlibc cat Compile usethreads Setvar

?MAKE: -pick add \$@ %<

?S:d_pthread_atfork:

?S: This variable conditionally defines the HAS_PTHREAD_ATFORK symbol,

?S: which indicates to the C program that the pthread_atfork()

?S: routine is available.

?S:.

?C:HAS_PTHREAD_ATFORK:

?C: This symbol, if defined, indicates that the pthread_atfork routine

?C: is available to setup fork handlers.

?C:.

?H:#\$d_pthread_atfork HAS_PTHREAD_ATFORK /**/

?H:.

?LINT:set d_pthread_atfork

: see whether the pthread_atfork exists

\$cat >try.c <<EOP

#include <pthread.h>

#include <stdio.h>

int main() {

```
#ifdef PTHREAD_ATFORK
    pthread_atfork(NULL,NULL,NULL);
#endif
}
EOP
```

: see if pthread_atfork exists

```
set
try -DPTHREAD_ATFORK
if eval $compile; then
    val="$define"
else
    val="$undef"
fi
case "$usethreads" in
$define)
    case "$val" in
$define) echo 'pthread_atfork found.' >&4 ;;
*)      echo 'pthread_atfork NOT found.' >&4 ;;
    esac
esac
set d_pthread_atfork
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_pthread_atfork.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_mblen.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_mblen.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:09:40 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d_mblen: Inlibc

?MAKE:-pick add \$@ %<

?S:d_mblen:

?S: This variable conditionally defines the HAS_MBLLEN symbol, which

?S: indicates to the C program that the mblen() routine is available

?S: to find the number of bytes in a multibyte character.

?S:.

?C:HAS_MBLLEN:

?C: This

symbol, if defined, indicates that the mblen routine is available

?C: to find the number of bytes in a multibyte character.

?C:.

?H:#\$d_mblen HAS_MBLLEN /**/

?H:.

?LINT:set d_mblen

: see if mblen exists

set mblen d_mblen

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mblen.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_asctime_r.U,v 0RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_asctime_r asctime_r_proto: Inlibc Protochk Hasproto i_systypes \
usethreads i_time i_systime extern_C

?MAKE: -pick add \$@ %<

?S:d_asctime_r:

?S: This variable conditionally defines the HAS_ASCTIME_R symbol,

?S: which indicates to the C program that the asctime_r()

?S: routine is available.

?S:.

?S:asctime_r_proto:

?S: This variable encodes the prototype of asctime_r.

?S: It is zero if d_asctime_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_asctime_r

?S: is defined.

?S:.

?C:HAS_ASCTIME_R:

?C: This symbol, if defined, indicates that the asctime_r routine

?C: is available to asctime

re-entrantly.

?C:.


```

?C:ASCTIME_R_PROTO:
?C: This symbol encodes the prototype of asctime_r.
?C: It is zero if d_asctime_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_asctime_r
?C: is defined.
?C:.
?H:#$d_asctime_r HAS_ASCTIME_R /**/
?H:#define ASCTIME_R_PROTO $asctime_r_proto /**/
?H:.
?T:try hdrs d_asctime_r_proto
: see if asctime_r exists
set asctime_r d_asctime_r
eval $inlibc
case "$d_asctime_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_time time.h $i_systime sys/time.h"
case "$d_asctime_r_proto:$usetthreads" in
":define") d_asctime_r_proto=define
set d_asctime_r_proto asctime_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_asctime_r_proto" in
define)
case "$asctime_r_proto" in
"|0) try='char* asctime_r(const struct tm*, char*);'
./protochk "$extern_C $try" $hdrs && asctime_r_proto=B_SB ;;
esac
case "$asctime_r_proto" in
"|0) try='char* asctime_r(const struct tm*, char*, int);'
./protochk "$extern_C $try" $hdrs
&& asctime_r_proto=B_SBI ;;
esac
case "$asctime_r_proto" in
"|0) try='int asctime_r(const struct tm*, char*);'
./protochk "$extern_C $try" $hdrs && asctime_r_proto=I_SB ;;
esac
case "$asctime_r_proto" in
"|0) try='int asctime_r(const struct tm*, char*, int);'
./protochk "$extern_C $try" $hdrs && asctime_r_proto=I_SBI ;;
esac
case "$asctime_r_proto" in
"|0) d_asctime_r=undef
asctime_r_proto=0
echo "Disabling asctime_r, cannot determine prototype." >&4 ;;
* ) case "$asctime_r_proto" in
REENTRANT_PROTO*) ;;
*) asctime_r_proto="REENTRANT_PROTO_$asctime_r_proto" ;;

```

```

esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "asctime_r has no prototype, not using it." >&4 ;;
esac
d_asctime_r=undef
asctime_r_proto=0
;;
esac
;;
*) asctime_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_asctime_r.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_termio.U,v \$

?RCS: Revision 3.0.1.4 1994/10/29 16:20:54 ram

?RCS: patch36: call ./usg and ./Cpplib explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0.1.3 1994/08/29 16:26:38 ram

?RCS: patch32: don't include all three I_* symbols in config.h

?RCS: patch32: (had forgotten to undo this part last time)

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:25:03 ram

?RCS: patch27: undone ADO's fix in previous patch since it was useless

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:05:23

ram

?RCS: patch23: now include all three defines in config.h (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:44 ram

?RCS: Baseline for dist 3.0 netwide release.

```

?RCS:
?MAKE:i_termio i_sgtty i_termios: test Inlibc Cppsym Guess Setvar Findhdr Warn
?MAKE: -pick add $@ %<
?S:i_termio:
?S: This variable conditionally defines the I_TERMIO symbol, which
?S: indicates to the C program that it should include <termio.h> rather
?S: than <sgtty.h>.
?S:.
?S:i_termios:
?S: This variable conditionally defines the I_TERMIOS symbol, which
?S: indicates to the C program that the POSIX <termios.h> file is
?S: to be included.
?S:.
?S:i_sgtty:
?S: This variable conditionally defines the I_SGTTY symbol, which
?S: indicates to the C program that it should include <sgtty.h> rather
?S: than <termio.h>.
?S:.
?C:I_TERMIO:
?C: This symbol, if defined, indicates that the program should include
?C: <termio.h> rather than <sgtty.h>. There are also differences in
?C: the ioctl() calls that depend on the value of
?C: this symbol.
?C:.
?C:I_TERMIOS:
?C: This symbol, if defined, indicates that the program should include
?C: the POSIX termios.h rather than sgtty.h or termio.h.
?C: There are also differences in the ioctl() calls that depend on the
?C: value of this symbol.
?C:.
?C:I_SGTTY:
?C: This symbol, if defined, indicates that the program should include
?C: <sgtty.h> rather than <termio.h>. There are also differences in
?C: the ioctl() calls that depend on the value of this symbol.
?C:.
?H:#$i_termio I_TERMIO /**/
?H:#$i_termios I_TERMIOS /**/
?H:#$i_sgtty I_SGTTY /**/
?H:.
?T:val2 val3
?LINT:set i_termio i_sgtty i_termios
: see if this is a termio system
val="$undef"
val2="$undef"
val3="$undef"
?X: Prefer POSIX-approved termios.h over all else
if $test `./findhdr termios.h`; then
set tcsetattr i_termios

```

```

eval $inlibc
val3="$i_termios"
fi
echo " "
case "$val3" in
"$define") echo "You have POSIX termios.h... good!" >&4;;
*) if ./Cpplib.py; then
case "`bin/universe`" in
ucb) if $test `./findhdr
sgtty.h`; then
val2="$define"
echo "<sgtty.h> found." >&4
else
echo "System is pyramid with BSD universe."
./warn "<sgtty.h> not found--you could have problems."
fi;;
*) if $test `./findhdr termio.h`; then
val="$define"
echo "<termio.h> found." >&4
else
echo "System is pyramid with USG universe."
./warn "<termio.h> not found--you could have problems."
fi;;
esac
?X: Start with USG to avoid problems if both usg/bsd was guessed
elif ./usg; then
if $test `./findhdr termio.h`; then
echo "<termio.h> found." >&4
val="$define"
elif $test `./findhdr sgtty.h`; then
echo "<sgtty.h> found." >&4
val2="$define"
else
./warn "Neither <termio.h> nor <sgtty.h> found--cross fingers!"
fi
else
if $test `./findhdr sgtty.h`; then
echo "<sgtty.h> found." >&4
val2="$define"
elif $test `./findhdr termio.h`; then
echo "<termio.h> found." >&4
val="$define"
else
./warn "Neither <sgtty.h> nor <termio.h> found--cross
fingers!"
fi
fi;;
esac

```

```
set i_termio; eval $setvar
val=$val2; set i_sgtty; eval $setvar
val=$val3; set i_termios; eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_termio.U
```

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?RCS:

?MAKE:d_c99_variadic_macros: Compile Setvar cat rm_try run

?MAKE: -pick add \$@ %<

?S:d_c99_variadic_macros:

?S: This variable conditionally defines the HAS_C99_VARIADIC_MACROS

?S: symbol, which indicates to the C program that C99 variadic macros

?S: are available.

?S:.

?C:HAS_C99_VARIADIC_MACROS:

?C: If defined, the compiler supports C99 variadic macros.

?C:.

?H:#\$d_c99_variadic_macros HAS_C99_VARIADIC_MACROS /**/

?H:.

?F:!try

: see if the Compiler supports C99 variadic macros

echo "Checking for C99 variadic macros." >&4

\$cat >try.c <<EOCP

#include

<stdio.h>

#include <stdarg.h>

#define foo(buffer, format, ...) sprintf(buffer, format, __VA_ARGS__)

```
int main() {
```

```
    char buf[20];
```

```
    foo(buf, "%d %g %.*s", 123, 456.0, (int)3, "789fail");
```

```
    puts(buf);
```

```
    return 0;
```

```
}
```

```
EOCP
```

```
set try
```

```
if eval $compile && $run ./try 2>&1 >/dev/null; then
```

```

    case "`$run ./try`" in
    "123 456 789")
    echo "You have C99 variadic macros." >&4
    d_c99_variadic_macros="$define"
    ;;
    *)
    echo "You don't have functional C99 variadic macros." >&4
    d_c99_variadic_macros="$undef"
    ;;
    esac
else
    echo "I couldn't compile and run the test program, so I assume that you don't have functional C99 variadic
macros." >&4
    d_c99_variadic_macros="$undef"
fi
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_c99_variadic.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Config_h.U,v \$

?RCS: Revision 3.0.1.5 1997/02/28 14:57:43 ram

?RCS: patch61: added support for src.U

?RCS:

?RCS: Revision 3.0.1.4 1995/09/25 09:10:49 ram

?RCS: patch59: commented the purpose of the #un-def directive

?RCS:

?RCS: Revision 3.0.1.3 1995/01/30 14:25:39 ram

?RCS: patch49: typo fixes in leading config.h comment (WED)

?RCS:

?RCS: Revision 3.0.1.2 1993/08/24 12:13:20 ram

?RCS: patch3: added TOP as a local shell temporary variable

?RCS:

?RCS: Revision 3.0.1.1 1993/08/19 06:42:20

ram

?RCS: patch1: leading config.sh searching was not aborting properly

```

?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:47 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This file ends up producing the config_h.SH script, which is run to produce
?X: the config.h file. The file ./Config_h below contains all the ?H: lines
?X: extracted out of all the units. Metaconfig itself adds the !GROK!THIS!.
?X: Note that this code isn't included into Configure, but must be shipped with.
?X:
?X: For those who wish to know why the file is config_h.SH instead of the more
?X: natural config.h.SH, well... it is to support systems like MS-DOG. Only one
?X: 'dot' is allowed within the file name, as it is part of the "extension" of
?X: the file. MS-DOG will not let you have two 'dots' because that would mean
?X: two "extensions".
?X:
?MAKE:Config_h: Id End Config_sh Obsol_h myuname cf_time cf_by package src
?MAKE: -pick c_h_weed $@ %<
?MAKE: -pick c_h_weed $@ ./Config_h
?MAKE: -pick
c_h_weed $@ ./Obsol_h
?T:CONFIG TOP
?LINT:unclosed !GROK!THIS!
?LINT:extern CONFIG_H CONFIG_SH
?LINT:change CONFIG_H CONFIG_SH
?LINT:nocomment
case "$CONFIG_SH" in
") CONFIG_SH=config.sh;;
esac
case "$CONFIG_H" in
") CONFIG_H=config.h;;
esac
case $CONFIG in
")
if test -f $CONFIG_SH; then TOP=.;
elif test -f ../$CONFIG_SH; then TOP=../.;
elif test -f ../../$CONFIG_SH; then TOP=../../.;
elif test -f ../../../$CONFIG_SH; then TOP=../../../.;
elif test -f ../../../../$CONFIG_SH; then TOP=../../../../.;
else
echo "Can't find $CONFIG_SH."; exit 1
fi
. $TOP/$CONFIG_SH
;;
esac
?X: Make sure we are in the directory where the .SH file is located.
case "$0" in
*/*) cd `expr X$0 : 'X\(.*/\)` ;;

```

```

esac
echo "Extracting $CONFIG_H (with variable substitutions)"
?X:
?X: Since we unconditionally translate leading #undef into /*#define, we're
?X: stuck when we really want to have a #undef in config.h. That's why there
?X: is provision here for #un-def, which is translated back into #undef after
?X:
all original #undef have been processed.
?X:
?X: Previously, we changed all
?X: #undef FOO /**/
?X: into
?X: /*#define FOO /**/
?X: The xlc compiler (available on IBM's AIX) complains that this is
?X: an illegal attempt to write a nested comment, and warns against it.
?X: There's apparently no way to shut the compiler up, either.
?X: This sed command from Hallvard B Furuseth <h.b.furuseth@usit.uio.no>
?X: changes it to
?X: /*#define FOO / **/
sed <<!GROK!THIS! >$CONFIG_H -e 's!^#undef(.*^)\!/*#define\1 \!' -e 's!^#un-def!#undef!'
/*
* This file was produced by running the config_h.SH script, which
* gets its values from $CONFIG_SH, which is generally produced by
* running Configure.
*
* Feel free to modify any of this as the need arises. Note, however,
* that running config_h.SH again will wipe out any changes you've made.
* For a more permanent change edit $CONFIG_SH and rerun config_h.SH.
*
*\$Id: Config_h.U 1 2006-08-24 12:32:52Z rmanfredi $
*/

/*
* Package name
  : $package
* Source directory : $src
* Configuration time: $cf_time
* Configured by    : $cf_by
* Target system    : $myuname
*/

#ifndef _config_h_
#define _config_h_

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/Config_h.U

```


No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getnetbyname_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getnetbyname_r getnetbyname_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getnetbyname_r:
?S: This variable conditionally defines the HAS_GETNETBYNAME_R symbol,
?S: which indicates to the C program that the getnetbyname_r()
?S: routine is available.
?S:.
?S:getnetbyname_r_proto:
?S: This variable encodes the prototype of getnetbyname_r.
?S: It is zero if d_getnetbyname_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetbyname_r
?S: is defined.
?S:.
?C:HAS_GETNETBYNAME_R:
?C: This symbol, if defined, indicates that
the getnetbyname_r routine
?C: is available to getnetbyname re-entrantly.
?C:.
?C:GETNETBYNAME_R_PROTO:
?C: This symbol encodes the prototype of getnetbyname_r.
?C: It is zero if d_getnetbyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetbyname_r
?C: is defined.
?C:.
?H:#$d_getnetbyname_r HAS_GETNETBYNAME_R /**/
?H:#define GETNETBYNAME_R_PROTO $getnetbyname_r_proto /**/
?H:.
?T:try hdrs d_getnetbyname_r_proto
: see if getnetbyname_r exists
set getnetbyname_r d_getnetbyname_r
eval $inlibc
case "$d_getnetbyname_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getnetbyname_r_proto:$usethreads" in
":define") d_getnetbyname_r_proto=define
set d_getnetbyname_r_proto getnetbyname_r $hdrs
```

```

eval $hasproto ;;
*) ;;
esac
case "$d_getnetbyname_r_proto" in
define)
case "$getnetbyname_r_proto" in
"|0) try='int getnetbyname_r(const char*, struct netent*, char*, size_t, struct netent**, int*);'
./protochk "$extern_C
$try" $hdrs && getnetbyname_r_proto=I_CSBWRE ;;
esac
case "$getnetbyname_r_proto" in
"|0) try='int getnetbyname_r(const char*, struct netent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getnetbyname_r_proto=I_CSBI ;;
esac
case "$getnetbyname_r_proto" in
"|0) try='struct netent* getnetbyname_r(const char*, struct netent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getnetbyname_r_proto=S_CSBI ;;
esac
case "$getnetbyname_r_proto" in
"|0) try='int getnetbyname_r(const char*, struct netent*, struct netent_data*);'
./protochk "$extern_C $try" $hdrs && getnetbyname_r_proto=I_CSD ;;
esac
case "$getnetbyname_r_proto" in
"|0) d_getnetbyname_r=undef
getnetbyname_r_proto=0
echo "Disabling getnetbyname_r, cannot determine prototype." >&4 ;;
*) case "$getnetbyname_r_proto" in
REENTRANT_PROTO*) ;;
*) getnetbyname_r_proto="REENTRANT_PROTO_$getnetbyname_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susetthreads" in
define) echo
"getnetbyname_r has no prototype, not using it." >&4 ;;
esac
d_getnetbyname_r=undef
getnetbyname_r_proto=0
;;
esac
;;
*) getnetbyname_r_proto=0
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/threads/d_getnetbyname_r.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strtol.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strtol.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:39 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_strtol: Inlibc
?MAKE: -pick add $@ %<
?S:d_strtol:
?S: This variable conditionally defines the HAS_STRTOL symbol, which
?S: indicates to the C program that the strtol() routine is available
?S: to provide better numeric string conversion than atoi() and friends.
?S:.
?C:HAS_STRTOL (STRTOL):
?C: This symbol, if defined, indicates that
?C: the strtol routine is available
?C: to provide better numeric string conversion than atoi() and friends.
?C:.
?H:#$d_strtol HAS_STRTOL /**/
?H:.
?LINT:set d_strtol
: see if strtol exists
set strtol d_strtol
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_strtol.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: defeditor.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: defeditor.U,v \$

?RCS: Revision 3.0.1.1 1995/01/11 15:30:16 ram

?RCS: patch45: can now use the 'vi' variable since path stripping is deferred

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:05 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE: defeditor: Getfile Oldconfig Loc vi

?MAKE: -pick add \$@ %<

?S: defeditor:

?S: This variable contains the eventual value of the DEFEDITOR symbol,

?S: which contains the name of the default editor.

?S:.

?C: DEFEDITOR:

?C: This

symbol contains the full pathname of the default editor.

?C:.

?H: #define DEFEDITOR "\$defeditor" /**/

?H:.

: determine default editor

echo " "

case "\$defeditor" in

*)

case "\$vi" in

/) dflt="\$vi";;

*) dflt=/usr/ucb/vi;;

esac

;;

*) dflt="\$defeditor"

;;

esac

fn=f/

rp="What is the default editor on your system?"

./getfile

defeditor="\$ans"

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/defeditor.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_castneg.U,v 3.0.1.2 1995/05/12 12:11:21 ram Exp \$

?RCS:

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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: d_castneg.U,v \$
?RCS: Revision 3.0.1.2 1995/05/12 12:11:21 ram
?RCS: patch54: made sure cc and ccflags are conditional dependencies
?RCS: patch54: added improved test case for Interactive Unix
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:10:50 ram
?RCS: patch36: don't forget to tell user about compilation failures (ADO)
?RCS: patch36: declare signal handler correctly using 'signal_t' (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:47 ram
?RCS: Baseline
for dist 3.0 netwide release.
?RCS:
?X:
?X: Can the compiler cast negative / odd floats to unsigned values.
?X:
?MAKE:d_castneg castflags: cat Compile rm_try Setvar signal_t run i_stdlib
?MAKE: -pick add \$@ %<
?S:d_castneg:
?S: This variable conditionally defines CASTNEG, which indicates
?S: whether the C compiler can cast negative float to unsigned.
?S:.
?S:castflags:
?S: This variable contains a flag that precise difficulties the
?S: compiler has casting odd floating values to unsigned long:
?S: 0 = ok
?S: 1 = couldn't cast < 0
?S: 2 = couldn't cast >= 0x80000000
?S: 4 = couldn't cast in argument expression list
?S:.
?C:CASTNEGFLOAT:
?C: This symbol is defined if the C compiler can cast negative
?C: numbers to unsigned longs, ints and shorts.
?C:.
?C:CASTFLAGS:
?C: This symbol contains flags that say what difficulties the compiler
?C: has casting odd floating values to unsigned long:
?C: 0 = ok
?C: 1 = couldn't cast < 0
?C: 2 = couldn't cast >= 0x80000000
?C: 4 = couldn't

```

cast in argument expression list
?C:.
?H:#$d_castneg CASTNEGFLOAT /**/
?H:#define CASTFLAGS $castflags /**/
?H:.
?F:!try
?LINT:set d_castneg
: check for ability to cast negative floats to unsigned
echo " "
echo 'Checking whether your C compiler can cast negative float to unsigned.' >&4
$cat >try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <sys/types.h>
#include <signal.h>
$signal_t blech(int s) { exit(7); }
$signal_t blech_in_list(int s) { exit(4); }
unsigned long dummy_long(unsigned long p) { return p; }
unsigned int dummy_int(unsigned int p) { return p; }
unsigned short dummy_short(unsigned short p) { return p; }
int main()
{
double f;
unsigned long along;
unsigned int aint;
unsigned short ashort;
int result = 0;
char str[16];

/* Frustrate gcc-2.7.2's optimizer which failed this test with
   a direct f = -123. assignment. gcc-2.8.0 reportedly
   optimized the whole file away
*/
/* Store the number in a writable
string for gcc to pass to
sscanf under HP-UX.
*/
sprintf(str, "-123");
sscanf(str, "%lf", &f); /* f = -123.; */

signal(SIGFPE, blech);
along = (unsigned long)f;
aint = (unsigned int)f;
ashort = (unsigned short)f;
if (along != (unsigned long)-123)

```

```

result |= 1;
if (aint != (unsigned int)-123)
    result |= 1;
if (ashort != (unsigned short)-123)
    result |= 1;
sprintf(str, "1073741824.");
sscanf(str, "%lf", &f); /* f = (double)0x40000000; */
f = f + f;
along = 0;
along = (unsigned long)f;
if (along != 0x80000000)
    result |= 2;
f -= 1.;
along = 0;
along = (unsigned long)f;
if (along != 0x7fffffff)
    result |= 1;
f += 2.;
along = 0;
along = (unsigned long)f;
if (along != 0x80000001)
    result |= 2;
if (result)
    exit(result);

```

?X:

?X: The following is a test for Interactive Unix Version 4.1, which

?X: has an 'improved' compiler which can correctly cast negative

?X: floats in expression lists, but apparently not in argument lists.

?X: Contributed by Winfried Koenig

<win@incom.rhein-main.de>

?X:

```

signal(SIGFPE, blech_in_list);
sprintf(str, "123.");
sscanf(str, "%lf", &f); /* f = 123.; */
along = dummy_long((unsigned long)f);
aint = dummy_int((unsigned int)f);
ashort = dummy_short((unsigned short)f);
if (along != (unsigned long)123)
    result |= 4;
if (aint != (unsigned int)123)
    result |= 4;
if (ashort != (unsigned short)123)
    result |= 4;
exit(result);

```

}

EOCP

set try

```

if eval $compile_ok; then
    $run ./try 2>/dev/null
    castflags=$?
else
    echo "(I can't seem to compile the test program--assuming it can't)"
    castflags=7
fi
case "$castflags" in
0) val="$define"
    echo "Yup, it can."
    ;;
*) val="$undef"
    echo "Nope, it can't."
    ;;
esac
set d_castneg
eval $setvar
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_castneg.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_tzmin.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_tzmin.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:16:58 ram
?RCS: patch36: call ./bsd explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:49 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_tzmin: contains cppstdin cppminus timeincl rm Setvar Guess
?MAKE:-pick add $@ %<
?S:d_tzmin:
?S: This symbol conditionally defines TZ_MINUTESWEST if the system uses
?S: tz_minuteswest in time header instead of timezone.
?S:.
?C:TZ_MINUTESWEST:

```



```

?C: This
symbol is defined if this system uses tz_minuteswest
?C: in time header instead of timezone.
?C: If not defined, you may have to use struct timeb and ftime() rather
?C: than the new gettimeofday() system call.
?C:.
?H:#$d_tzmin TZ_MINUTESWEST /**/
?H:.
?LINT:set d_tzmin
: see if tz_minuteswest is defined in time header
echo " "
val="$undef"
$cppstdin $cppminus < $timeincl > try 2>&1
if $contains 'tz_minuteswest' try >/dev/null 2>&1; then
echo "You have tz_minuteswest defined in $timeincl rather than timezone." >&4
val="$define"
elif $contains 'timezone' try >/dev/null 2>&1; then
echo "You have timezone defined in $timeincl rather than tz_minuteswest." >&4
else
echo "Your $timeincl file looks strange." >&4
fi
if ./bsd; then
case "$d_tzmin" in
"$undef") echo "(Maybe your system is an USG one after all?)";;
esac
fi
set d_tzmin
eval $setvar
$rm -f try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_tzmin.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: warnflags.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>
```

```
?RCS:
```

```
?RCS: $Log: warnflags.U,v $
```

```

?RCS: Revision 3.0 1993/08/18 12:10:02 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:warnflags: cat cc contains Myread Guess Oldconfig Findhdr
?MAKE: -pick add $@ %<
?S:warnflags:
?S: This variable contains any additional C compiler flags to generate
?S: warnings from the compiler. It is up to the Makefile to use this.
?S:.
: offer additional
  warning flags for compilation
$cat <<EOH

```

You may wish to compile with extra compiler warnings enabled.
 Note that doing so enhances your chance of receiving your free set of steak knives, particularly if you find any bugs and report them.
 If you don't want extra warnings, answer "none".

```

EOH
case "$warnflags" in
  *) case "$cc" in
      *gcc*)
        dflt="-Wall -Wno-comment"
        if $contains 'fprintf' `./findhdr stdio.h` >/dev/null 2>&1; then
          :
        else
          dflt="$dflt -Wno-implicit"
        fi
      ;;
    *) dflt="none";;
  esac
;;
') dflt="none";;
*) dflt="$warnflags";;
esac

```

```

rp="Any $cc flags to enable warnings?"
./myread
case "$ans" in
  none) warnflags='';;
  *) warnflags="$ans";;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/warnflags.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: packadmin.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:packadmin: cf_email Oldconfig Myread cat spackage package
?MAKE: -pick add \$@ %<
?Y:TOP
?S:packadmin:
?S: Electronic mail address of the package administrator.
?S:.
: check wehther they will act as local admin for the package
\$cat <<EOM

If you or somebody else will be maintaining \$package at your site, please
fill in the correct e-mail address here so that they may be contacted
if necessary. You may enter "none"
for no administrator.

```
EOM
case "$packadmin" in
") dflt="$cf_email";;
*) dflt="$packadmin";;
esac
rp="$spackage administrator e-mail address"
./myread
packadmin="$ans"
```

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/packadmin.U
No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.

```

?RCS:
?MAKE:d_telldirproto: Hasproto i_systypes i_dirent
?MAKE: -pick add $@ %<
?S:d_telldirproto:
?S: This variable conditionally defines the HAS_TELLDIR_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the telldir() function. Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_TELLDIR_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the telldir() function. Otherwise, it is up
?C: to the program to supply one. A good guess
is
?C: extern long telldir(DIR*);
?C:.
?H:#$d_telldirproto HAS_TELLDIR_PROTO /**/
?H:.
?LINT:set d_telldirproto
: see if prototype for telldir is available
echo " "
set d_telldirproto telldir $i_systypes sys/types.h $i_dirent dirent.h
eval $hasproto

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_telldirproto.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setrgid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setrgid.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:14 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setrgid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setrgid:
?S: This variable conditionally defines the HAS_SETRGID symbol, which
?S: indicates to the C program that the setrgid() routine is available

```

?S: to change the real gid of the current program.
?S:.
?C:HAS_SETRGID (SETRGID):
?C: This symbol, if defined, indicates that the setrgid
routine is available
?C: to change the real gid of the current program.
?C:.
?H:#\$d_setrgid HAS_SETRGID /**/
?H:.
?LINT:set d_setrgid
: see if setrgid exists
set setrgid d_setrgid
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setrgid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:ivdformat uvuformat uvoformat uvxformat uvXUformat \
nvEUformat nvFUformat nvGUformat \
nveformat nvfformat nvgformat: \
ivsize longsize intsize shortsize \
sPRId64 sPRIu64 sPRIo64 sPRIx64 sPRIXU64 \
uselongdouble d_longdbl usequadmath d_PRIgldbl \
sPRIEUdbl sPRIFUdbl sPRIGUdbl sPRIeldbl sPRIfldb sPRIgldbl \
test echo
?MAKE:-pick add \$@ %<
?S:ivdformat:
?S: This variable contains the format string used for printing
?S: a Perl IV as a signed decimal integer.
?S:.
?S:uvuformat:
?S: This variable contains the format string used for printing
?S: a Perl UV as an unsigned decimal integer.
?S:.
?S:uvoformat:
?S: This variable contains the format string used for printing
?S: a Perl UV as an unsigned
octal integer.
?S:.

?S:uvxformat:

?S: This variable contains the format string used for printing

?S: a Perl UV as an unsigned hexadecimal integer in lowercase abcdef.

?S:.

?S:uvXUformat:

?S: This variable contains the format string used for printing

?S: a Perl UV as an unsigned hexadecimal integer in uppercase ABCDEF.

?S:.

?S:nveformat:

?S: This variable contains the format string used for printing

?S: a Perl NV using %e-ish floating point format.

?S:.

?S:nvffformat:

?S: This variable contains the format string used for printing

?S: a Perl NV using %f-ish floating point format.

?S:.

?S:nvgformat:

?S: This variable contains the format string used for printing

?S: a Perl NV using %g-ish floating point format.

?S:.

?S:nvEUformat:

?S: This variable contains the format string used for printing

?S: a Perl NV using %E-ish floating point format.

?S:.

?S:nvFUformat:

?S: This variable contains the format string used for printing

?S: a Perl NV using %F-ish floating point format.

?S:.

?S:nvGUformat:

?S: This

variable contains the format string used for printing

?S: a Perl NV using %G-ish floating point format.

?S:.

?C:IVdf:

?C: This symbol defines the format string used for printing a Perl IV

?C: as a signed decimal integer.

?C:.

?C:UVuf:

?C: This symbol defines the format string used for printing a Perl UV

?C: as an unsigned decimal integer.

?C:.

?C:UVof:

?C: This symbol defines the format string used for printing a Perl UV

?C: as an unsigned octal integer.

?C:.

?C:UVxf:

?C: This symbol defines the format string used for printing a Perl UV

?C: as an unsigned hexadecimal integer in lowercase abcdef.

```

?C:.
?C:UVXf:
?C: This symbol defines the format string used for printing a Perl UV
?C: as an unsigned hexadecimal integer in uppercase ABCDEF.
?C:.
?C:NVef:
?C: This symbol defines the format string used for printing a Perl NV
?C: using %e-ish floating point format.
?C:.
?C:NVff:
?C: This symbol defines the format string used for printing a Perl NV
?C: using %f-ish floating point
format.
?C:.
?C:NVgf:
?C: This symbol defines the format string used for printing a Perl NV
?C: using %g-ish floating point format.
?C:.
?C:NVEf:
?C: This symbol defines the format string used for printing a Perl NV
?C: using %E-ish floating point format.
?C:.
?C:NVff:
?C: This symbol defines the format string used for printing a Perl NV
?C: using %F-ish floating point format.
?C:.
?C:NVGf:
?C: This symbol defines the format string used for printing a Perl NV
?C: using %G-ish floating point format.
?C:.
?H:#define IVdf $ivdformat /**/
?H:#define UVuf $uvuformat /**/
?H:#define UVof $uvoformat /**/
?H:#define UVxf $uvxformat /**/
?H:#define UVXf $uvXUformat /**/
?H:#define NVef $nveformat /**/
?H:#define NVff $nvffformat /**/
?H:#define NVgf $nvgformat /**/
?H:#define NVEf $nvEUformat /**/
?H:#define NVFf $nvFUformat /**/
?H:#define NVGf $nvGUformat /**/
?H:.
: Check format strings for internal types
echo " "
$echo "Checking the format strings to be used for Perl's
internal types..." >&4

if $test X"$ivsize" = X8; then

```

```

ivdformat="$sPRId64"
uvuformat="$sPRIu64"
uvoformat="$sPRIo64"
uvxformat="$sPRIx64"
uvXUformat="$sPRIXU64"
else
if $test X"$ivsize" = X"$longsize"; then
ivdformat="ld"
uvuformat="lu"
uvoformat="lo"
uvxformat="lx"
uvXUformat="lX"
else
if $test X"$ivsize" = X"$intsize"; then
ivdformat="d"
uvuformat="u"
uvoformat="o"
uvxformat="x"
uvXUformat="X"
else
: far out
if $test X"$ivsize" = X"$shortsize"; then
ivdformat="hd"
uvuformat="hu"
uvoformat="ho"
uvxformat="hx"
uvXUformat="hX"
fi
fi
fi
fi

if $test X"$usequadmath" = X"$define"; then
nveformat="Qe"
nvffformat="Qf"
nvgformat="Qg"
nvEUformat="QE"
nvFUformat="QF"
nvGUformat="QG"
else
if $test X"$uselongdouble" = X"$define" -a X"$d_longdbl" = X"$define" -a X"$d_PRIdbl" = X"$define"; then
nveformat="$sPRIeldbl"
nvffformat="$sPRIfldbl"
nvgformat="$sPRIGldbl"
nvEUformat="$sPRIEUldbl"
nvFUformat="$sPRIFUldbl"
nvGUformat="$sPRIGUldbl"

```



```

else
nveformat="e"
nvffformat="f"
nvgformat="g"
nvEUformat="E"
nvFUformat="F"
nvGUformat="G"
fi
fi

case "$ivdformat" in
") echo "$0: Fatal: failed to find format strings, cannot continue." >&4
  exit 1
  ;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/perlxf.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_endpwent_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_endpwent_r endpwent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_pwd extern_C

?MAKE: -pick add \$@ %<

?S:d_endpwent_r:

?S: This variable conditionally defines the HAS_ENDPWENT_R symbol,

?S: which indicates to the C program that the endpwent_r()

?S: routine is available.

?S:.

?S:endpwent_r_proto:

?S: This variable encodes the prototype of endpwent_r.

?S: It is zero if d_endpwent_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endpwent_r

?S: is defined.

?S:.

?C:HAS_ENDPWENT_R:

?C: This symbol, if defined, indicates that the endpwent_r routine

?C: is available to

endpwent re-entrantly.

?C:.

```

?C:ENDPWENT_R_PROTO:
?C: This symbol encodes the prototype of endpwent_r.
?C: It is zero if d_endpwent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endpwent_r
?C: is defined.
?C:.
?H:#$d_endpwent_r HAS_ENDPWENT_R /**/
?H:#define ENDPWENT_R_PROTO $endpwent_r_proto /**/
?H:.
?T:try hdrs d_endpwent_r_proto
: see if endpwent_r exists
set endpwent_r d_endpwent_r
eval $inlibc
case "$d_endpwent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
case "$d_endpwent_r_proto:$usethreads" in
":define") d_endpwent_r_proto=define
set d_endpwent_r_proto endpwent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_endpwent_r_proto" in
define)
case "$endpwent_r_proto" in
"|0) try='int endpwent_r(FILE**);'
./protochk "$extern_C $try" $hdrs && endpwent_r_proto=I_H ;;
esac
case "$endpwent_r_proto" in
"|0) try='void endpwent_r(FILE**);'
./protochk "$extern_C $try" $hdrs && endpwent_r_proto=V_H ;;
esac
case "$endpwent_r_proto"
in
"|0) d_endpwent_r=undef
endpwent_r_proto=0
echo "Disabling endpwent_r, cannot determine prototype." >&4 ;;
* ) case "$endpwent_r_proto" in
REENTRANT_PROTO*) ;;
*) endpwent_r_proto="REENTRANT_PROTO_$endpwent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "endpwent_r has no prototype, not using it." >&4 ;;
esac
d_endpwent_r=undef

```

```
endpwent_r_proto=0
;;
esac
;;
*) endpwent_r_proto=0
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endpwent_r.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysdir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysdir.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:22:30 ram
?RCS: patch32: fixed typo in I_SYS_DIR symbol name
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:30 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_sysdir: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysdir:
?S: This variable conditionally defines the I_SYS_DIR symbol, and indicates
?S: whether a C program should include <sys/dir.h>.
?S:.
?C:I_SYS_DIR (I_SYSDIR):
?C: This symbol, if
?C: defined, indicates to the C program that it should
?C: include <sys/dir.h>.
?C:.
?H:#$i_sysdir I_SYS_DIR /**/
?H:.
?LINT:set i_sysdir
: see if this is an sysdir system
set sys/dir.h i_sysdir
eval $inhdr
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysdir.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_munmap.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_munmap.U,v $
?RCS: Revision 3.0.1.1 1993/12/15 08:19:22 ram
?RCS: patch15: created
?RCS:
?MAKE:d_munmap: Inlibc
?MAKE: -pick add $@ %<
?S:d_munmap:
?S: This variable conditionally defines HAS_MUNMAP if munmap() is
?S: available to unmap a region mapped by mmap().
?S:.
?C:HAS_MUNMAP:
?C: This symbol, if defined, indicates that the munmap system call is
?C: available to unmap a region, usually mapped by mmap().
?C:.
?H:#$d_munmap HAS_MUNMAP /**/
?H:.
?LINT:set
d_munmap
: see if munmap exists
set munmap d_munmap
eval $inlibc
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_munmap.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_dbl_dig.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
```

```

?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_dbl_dig.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:07:28 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_dbl_dig: Myread contains cat rm Setvar \
cppstdin cppflags cppminus
?MAKE: -pick add $@ %<
?S:d_dbl_dig:
?S: This variable conditionally defines d_dbl_dig if this system's
?S: header files provide DBL_DIG, which is the number of significant
?S: digits in a double precision
number.
?S:.
?C:HAS_DBL_DIG:
?C: This symbol, if defined, indicates that this system's <float.h>
?C: or <limits.h> defines the symbol DBL_DIG, which is the number
?C: of significant digits in a double precision number. If this
?C: symbol is not defined, a guess of 15 is usually pretty good.
?C:.
?H:#$d_dbl_dig HAS_DBL_DIG /**/
?H:.
?F:!dbl_dig.c
?LINT:set d_dbl_dig
: See if number of significant digits in a double precision number is known
echo " "
$cat >dbl_dig.c <<EOM
#include <limits.h>
#include <float.h>
#ifdef DBL_DIG
printf("Contains DBL_DIG");
#endif
EOM
$cppstdin $cppflags $cppminus < dbl_dig.c >dbl_dig.E 2>/dev/null
if $contains 'DBL_DIG' dbl_dig.E >/dev/null 2>&1; then
echo "DBL_DIG found." >&4
val="$define"
else
echo "DBL_DIG NOT found." >&4
val="$undef"
fi
$rm -f dbl_dig.?
set d_dbl_dig

```

eval \$setvar

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_dbl_dig.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: installstyle.U,v 1.2 1999/07/13 14:56:06 doughera Exp \$

?RCS:

?RCS: Copyright (c) 1999 Andy Dougherty

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: installstyle.U,v \$

?RCS: Revision 1.2 1999/07/13 14:56:06 doughera

?RCS: Fix dependencies. Add more comments.

?RCS:

?RCS: Revision 1.1 1999/07/12 17:30:41 doughera

?RCS: Initial revision

?RCS:

?RCS:

?MAKE:installstyle: prefix Myread

?MAKE: -pick add \$@ %<

?X: Myread dependence is for dflt.

?S:installstyle:

?S: This variable describes the "style" of the perl installation.

?S: This is intended to be useful for tools that need to

?S: manipulate entire perl

distributions. Perl itself doesn't use

?S: this to find its libraries -- the library directories are

?S: stored directly in Config.pm. Currently, there are only two

?S: styles: "lib" and "lib/perl5". The default library locations

?S: (e.g. privlib, sitelib) are either \$prefix/lib or

?S: \$prefix/lib/perl5. The former is useful if \$prefix is a

?S: directory dedicated to perl (e.g. /opt/perl), while the latter

?S: is useful if \$prefix is shared by many packages, e.g. if

?S: \$prefix=/usr/local.

?S:

?S: Unfortunately, while this "style" variable is used to set

?S: defaults for all three directory hierarchies (core, vendor, and

?S: site), there is no guarantee that the same style is actually

?S: appropriate for all those directories. For example, \$prefix

?S: might be /opt/perl, but \$siteprefix might be /usr/local.

?S: (Perhaps, in retrospect, the "lib" style should never have been

?S: supported, but it did seem like a nice idea at the time.)
 ?S:
 ?S: The situation is even less clear for
 tools such as MakeMaker
 ?S: that can be used to install additional modules into
 ?S: non-standard places. For example, if a user intends to install
 ?S: a module into a private directory (perhaps by setting PREFIX on
 ?S: the Makefile.PL command line), then there is no reason to
 ?S: assume that the Configure-time \$installstyle setting will be
 ?S: relevant for that PREFIX.
 ?S:
 ?S: This may later be extended to include other information, so
 ?S: be careful with pattern-matching on the results.
 ?S:
 ?S: For compatibility with perl5.005 and earlier, the default
 ?S: setting is based on whether or not \$prefix contains the string
 ?S: "perl".
 ?S:.
 : determine installation style
 : For now, try to deduce it from prefix unless it is already set.
 : Reproduce behavior of 5.005 and earlier, maybe drop that in 5.7.
 case "\$installstyle" in
 ") case "\$prefix" in
 perl) dflt='lib';;
 *) dflt='lib/perl5' ;;
 esac
 ;;
 *) dflt="\$installstyle" ;;
 esac
 : Probably not worth prompting for this since we prompt
 for all
 : the directories individually, and the prompt would be too long and
 : confusing anyway.
 installstyle=\$dflt

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/installstyle.U

No license file was found, but licenses were detected in source scan.

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?RCS:

?MAKE:i_fenv: Inhdr

?MAKE: -pick add \$@ %<

?S:i_fenv:

?S: This variable conditionally defines the I_FENV symbol, which

?S: indicates to the C program that <fenv.h> exists and should

?S: be included.

?S:.

?C:I_FENV:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <fenv.h> to get the floating point environment definitions.

?C:.

?H:#\$i_fenv I_FENV /**/

?H:.

?LINT:set i_fenv

: see if this is a fenv.h system

set fenv.h i_fenv

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_fenv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Init.U,v 3.0.1.1 1994/10/31 09:45:59 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: Init.U,v \$

?RCS: Revision 3.0.1.1 1994/10/31 09:45:59 ram

?RCS: patch44: removed Options from MAKE to prevent Init overrides

?RCS: patch44: option processing now done after Myinit thanks to new Begin.U

?RCS: patch44: moved "Beginning of configuration questions" to Begin.U

?RCS: patch44: moved signal trapping instruction to Begin.U as well

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:02 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This file

initializes certain default variables used by Configure. They

?X: may be overridden or added to by definitions in Myinit.U.

?X:

?MAKE:Init eunicefix: Null

?MAKE: -pick add \$@ %<

?MAKE: -pick weed \$@ ./Init

?S:eunicefix:

?S: When running under Eunice this variable contains a command which will

?S: convert a shell script to the proper form of text file for it to be
 ?S: executable by the shell. On other systems it is a no-op.
 ?S:.
 ?V:define undef smallmach:rmlist
 ?X:
 ?X: Throughout the units, one may make use of \$define and \$undef to reference
 ?X: a defined symbol or an undefined one. There is no need to add them in
 ?X: the dependency line since this unit makes them visible via ?V:, and
 ?X: everyone inherits from those symbols since by convention Init.U is the
 ?X: root dependency.
 ?X:
 ?LINT:extern DJGPP
 ?LINT:extern _exe
 ?LINT:change _exe
 ?LINT:extern is_os2
 : Detect odd OSs
 define='define'
 undef='undef'
 smallmach='pdp11 i8086 z8000 i80286 iAPX286'
 rmlist=""

: We must find out about
 Eunice early
 eunicefix=':'
 if test -f /etc/unixtovms; then
 eunicefix=/etc/unixtovms
 fi
 if test -f /etc/unixtovms.exe; then
 eunicefix=/etc/unixtovms.exe
 fi

: Set executable suffix now -- needed before hints available
 if test -f "/libs/version.library"; then
 : Amiga OS
 _exe=""
 elif test -f "/system/gnu_library/bin/ar.pm"; then
 : Stratus VOS
 _exe=".pm"
 elif test -n "\$DJGPP"; then
 : DOS DJGPP
 _exe=".exe"
 elif test -f /kern/cookiejar; then
 : MiNT
 _exe=""
 elif test -d c:/ -o -n "\$is_os2" ; then
 : OS/2 or cygwin
 _exe=".exe"
 fi

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Init.U

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?RCS: \$Id\$

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: bitpbyte.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:02:54 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:27 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:bitpbyte: cat rm Myread +cc +ccflags

?MAKE: -pick add \$@ %<

?S:bitpbyte:

?S: This variable contains the value of the BITS_PER_BYTE symbol, which

?S: indicates to the C program how many bits there are in a byte.

?S:.

?C:BITS_PER_BYTE:

?C: This symbol contains the number
of bits in a byte, so that the C

?C: preprocessor can make decisions based on it.

?C:.

?H:#define BITS_PER_BYTE \$bitpbyte /**/

?H:.

?F:!try

: check for length of byte

echo " "

case "\$bitpbyte" in

")

echo "Checking to see how many bits there are in a byte..." >&4

\$cat >try.c <<'EOCP'

#include <stdio.h>

?X: Standard C requires a macro CHAR_BIT in <limits.h>

#ifdef __STDC__

#include <limits.h>

#ifndef CHAR_BIT

```

#define CHAR_BIT 8
#endif
#ifndef BITSPERBYTE
#define BITSPERBYTE CHAR_BIT
#endif
#else
?X: On non standard C, try with <values.h>
#include <values.h>
#ifndef BITSPERBYTE
#define BITSPERBYTE 8
#endif
#endif
int main()
{
    printf("%d\n", BITSPERBYTE);
}
EOCP
if $cc $ccflags -o try try.c >/dev/null 2>&1 ; then
    dflt=`./try`
else
    dflt='8'
    echo "(I can't seem to compile the test program.  Guessing...)"
fi
;;
*)
    dflt="$bitpbyte"
;;
esac
rp="What is the length of a byte (in bits)?"
./myread
bitpbyte="$ans"
$rm -f try.c try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/bitpbyte.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getgrent_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_getgrent_r getgrent_r_proto: Inlibc Protochk Hasproto i_systypes \

usethreads i_grp extern_C

```

?MAKE: -pick add $@ %<
?S:d_getgrent_r:
?S: This variable conditionally defines the HAS_GETGRENT_R symbol,
?S: which indicates to the C program that the getgrent_r()
?S: routine is available.
?S:.
?S:getgrent_r_proto:
?S: This variable encodes the prototype of getgrent_r.
?S: It is zero if d_getgrent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrent_r
?S: is defined.
?S:.
?C:HAS_GETGRENT_R:
?C: This symbol, if defined, indicates that the getgrent_r routine
?C: is available to
getgrent re-entrantly.
?C:.
?C:GETGRENT_R_PROTO:
?C: This symbol encodes the prototype of getgrent_r.
?C: It is zero if d_getgrent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrent_r
?C: is defined.
?C:.
?H:#$d_getgrent_r HAS_GETGRENT_R /**/
?H:#define GETGRENT_R_PROTO $getgrent_r_proto /**/
?H:.
?T:try hdrs d_getgrent_r_proto
: see if getgrent_r exists
set getgrent_r d_getgrent_r
eval $inlibc
case "$d_getgrent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_grp grp.h"
case "$d_getgrent_r_proto:$usethreads" in
":define") d_getgrent_r_proto=define
set d_getgrent_r_proto getgrent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getgrent_r_proto" in
define)
case "$getgrent_r_proto" in
"|0) try='int getgrent_r(struct group*, char*, size_t, struct group**);'
./protochk "$extern_C $try" $hdrs && getgrent_r_proto=I_SBWR ;;
esac
case "$getgrent_r_proto" in
"|0) try='int getgrent_r(struct group*, char*, int, struct group**);'
./protochk

```

```

"$extern_C $try" $hdrs && getgrent_r_proto=I_SBIR ;;
esac
case "$getgrent_r_proto" in
"|0) try='struct group* getgrent_r(struct group*, char*, size_t);'
./prochk "$extern_C $try" $hdrs && getgrent_r_proto=S_SBW ;;
esac
case "$getgrent_r_proto" in
"|0) try='struct group* getgrent_r(struct group*, char*, int);'
./prochk "$extern_C $try" $hdrs && getgrent_r_proto=S_SBI ;;
esac
case "$getgrent_r_proto" in
"|0) try='int getgrent_r(struct group*, char*, int);'
./prochk "$extern_C $try" $hdrs && getgrent_r_proto=I_SBI ;;
esac
case "$getgrent_r_proto" in
"|0) try='int getgrent_r(struct group*, char*, int, FILE**);'
./prochk "$extern_C $try" $hdrs && getgrent_r_proto=I_SBIH ;;
esac
case "$getgrent_r_proto" in
"|0) d_getgrent_r=undef
getgrent_r_proto=0
echo "Disabling getgrent_r, cannot determine prototype." >&4 ;;
*) case "$getgrent_r_proto" in
REENTRANT_PROTO*) ;;
*) getgrent_r_proto="REENTRANT_PROTO_$getgrent_r_proto" ;;
esac
echo "Prototype:
$try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "getgrent_r has no prototype, not using it." >&4 ;;
esac
d_getgrent_r=undef
getgrent_r_proto=0
;;
esac
;;
*) getgrent_r_proto=0
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getgrent_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: rcs_branch.U 1 2006-08-24 12:32:52Z rmanfredi \$

```

?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: rcs_branch.U,v $
?RCS: Revision 3.0 1993/08/18 12:09:40 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:rcs_branch: Myread contains Loc
?MAKE: -pick add $@ %<
?S:rcs_branch:
?S: This variable will hold "true" if rcs can take the -b<revision>
?S: option, which can make Life Easier on those folks who like to run
?S: rcsdiff manually.
?S:.
?T:xxx
: Tra la la la la
echo " "
echo "Checking to see if RCS understands the -b switch..." >&4
xxx=`./loc
rcs " $pth`
case "$xxx" in
")
rcs_branch=false
echo "Oh. You don't seem to have RCS here."
;;
*)
rcs > rcsbranch.out 2>&1
if $contains 'b\[rev\]' rcsbranch.out >/dev/null 2>&1 ; then
rcs_branch=true
echo "Nice! Your RCS is spiffy!"
else
rcs_branch=false
echo "Well, at least you have RCS. You know, a newer version is available."
fi
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/rcs_branch.U

```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: usenm.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:26:40 ram

?RCS: patch61: don't use nm with the GNU C library

?RCS: patch61: added support for Linux shared libs

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:57 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:usenm runnm nm_opt nm_so_opt: cat test Myread Oldconfig grep \
d_gnulibc nm egrep rsrc osname Guess

?MAKE: -pick add \$@ %<

?S:usenm:

?S: This variable contains 'true' or 'false' depending whether the
?S: nm extraction is wanted
or not.

?S:.

?S:runnm:

?S: This variable contains 'true' or 'false' depending whether the
?S: nm extraction should be performed or not, according to the value
?S: of usenm and the flags on the Configure command line.

?S:.

?S:nm_opt:

?S: This variable holds the options that may be necessary for nm.

?S:.

?S:nm_so_opt:

?S: This variable holds the options that may be necessary for nm
?S: to work on a shared library but that can not be used on an
?S: archive library. Currently, this is only used by Linux, where
?S: nm --dynamic is *required* to get symbols from an ELF library which
?S: has been stripped, but nm --dynamic is *fatal* on an archive library.
?S: Maybe Linux should just always set usenm=false.

?S:.

: see if nm is to be used to determine whether a symbol is defined or not

?X: If there is enough inquiries, it might be worth to wait for the nm
?X: extraction. Otherwise, the C compilations might be a better deal.

?X:

?X: Don't bother if we're using GNU libc -- skimo
case "\$usenm"

```

in
")
dflt="
case "$d_gnulibc" in
"$define")
echo " "
echo "$nm probably won't work on the GNU C Library." >&4
dflt=n
;;
esac
case "$dflt" in
")
if $test "$osname" = aix -a ! -f /lib/syscalls.exp; then
echo " "
echo "Whoops! This is an AIX system without /lib/syscalls.exp!" >&4
echo "'nm' won't be sufficient on this system." >&4
dflt=n
fi
;;
esac
case "$dflt" in
")
if ./gnu; then
echo " "
echo "Hmm... A GNU system without a GNU C Library? Weird..." >&4
dflt=n
else
dflt=`$grep 'inlibc|csym' $src/Configure | wc -l 2>/dev/null`
if $test $dflt -gt 20; then
dflt=y
else
dflt=n
fi
fi
;;
esac
*)
case "$usenm" in
true|$define) dflt=y;;
*) dflt=n;;
esac
;;
esac
$cat <<EOM

```

I can use `$nm` to extract the symbols from your C libraries. This is a time consuming task which may generate huge output on the disk (up

to 3 megabytes) but that should make the symbols extraction faster. The alternative is to skip the 'nm' extraction part and to compile a small test program instead to determine whether each symbol is present. If you have a fast C compiler and/or if your 'nm' output cannot be parsed, this may be the best solution.

EOM

```
rp='Shall I use nm to extract C symbols from the libraries?'
. ./myread
case "$ans" in
[Nn]*) usenm=false;;
*) usenm=true;;
esac
```

?X: Name extraction is to be run if 'nm' usage is wanted and if no -r flag
?X: was provided to configure (in which case we simply re-use the previous
?X: values).

```
runnm=$usenm
case "$reusel" in
true) runnm=false;;
esac
```

: nm options which may be necessary

```
case "$nm_opt" in
") if $test -f /mach_boot; then
  nm_opt=" # Mach
elif $test -d /usr/ccs/lib; then
  nm_opt='-p' # Solaris (and SunOS?)
elif $test -f /dgux; then
  nm_opt='-p' # DG-UX
elif $test -f /lib64/rld; then
  nm_opt='-p' # 64-bit Irix
else
  nm_opt=""
fi;;
esac
```

?X: nm options which may be necessary for shared libraries but illegal

?X: for archive libraries. Thank you,

Linux.

```
case "$nm_so_opt" in
") case "$osname" in
*linux*)
  if $nm --help | $grep 'dynamic' > /dev/null 2>&1; then
    nm_so_opt='--dynamic'
  fi
;;
```

```
esac
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/userm.U
```

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?RCS:

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?RCS:

?MAKE:d_strtold: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strtold:

?S: This variable conditionally defines the HAS_STRTOLD symbol, which

?S: indicates to the C program that the strtold() routine is available.

?S:.

?C:HAS_STRTOLD:

?C: This symbol, if defined, indicates that the strtold routine is

?C: available to convert strings to long doubles.

?C:.

?H:#\$d_strtold HAS_STRTOLD /**/

?H:.

?LINT:set d_strtold

: see if strtold exists

set strtold d_strtold

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtold.U
```

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Copyright (c) 2001 Jarkko Hietaniemi

?RCS:

?MAKE:run to from targetarch usecrosscompile: src awk cat grep test rm \
 echo sed mkdir cp touch chmod

?MAKE: -pick add \$@ %<

?Y:TOP

?S:usecrosscompile:

?S: This variable conditionally defines the USE_CROSS_COMPILE symbol,
 ?S: and indicates that our package has been cross-compiled.

?S:.

?S:run:

?S: This variable contains the command used by Configure
 ?S: to copy and execute a cross-compiled executable in the
 ?S: target host. Useful and available only during
 the build.

?S: Empty string " if not cross-compiling.

?S:.

?S:from:

?S: This variable contains the command used by Configure
 ?S: to copy files from the target host. Useful and available
 ?S: only during the build.

?S: The string ':' if not cross-compiling.

?S:.

?S:to:

?S: This variable contains the command used by Configure
 ?S: to copy to from the target host. Useful and available
 ?S: only during the build.

?S: The string ':' if not cross-compiling.

?S:.

?S:targetarch:

?S: If cross-compiling, this variable contains the target architecture.
 ?S: If not, this will be empty.

?S:.

?C:USE_CROSS_COMPILE:

?C: This symbol, if defined, indicates that the package is being
 ?C: cross-compiled.

?C:.

?C:CROSS_TARGET_ARCH:

?C: This symbol, if defined, indicates the target architecture
 ?C: the package has been cross-compiled to.

?C: Undefined if not a cross-compile.

?C:.

?H:?usecrosscompile:#ifndef USE_CROSS_COMPILE
 ?H:?usecrosscompile:#\$usecrosscompile USE_CROSS_COMPILE /**/
 ?H:?usecrosscompile:#define
 CROSS_TARGET_ARCH "\$targetarch" /**/
 ?H:?usecrosscompile:#endif
 ?H:.

```

?T:croak pwd exe f q i j cwd
?LINT:extern usecrosscompile
?LINT:extern cc
?LINT:extern usrinc
?LINT:change usrinc
?LINT:change ar
?LINT:change nm
?LINT:change ranlib
?LINT:extern targethost
?LINT:extern targetdir
?LINT:change targetdir
?LINT:extern targetuser
?LINT:change targetuser
?LINT:extern targetrun
?LINT:extern targetfrom
?LINT:extern targetto
?LINT:extern targetmkdir
?LINT:change targetrun
?LINT:change targetfrom
?LINT:change targetto
?LINT:change targetmkdir
?LINT:extern incpth
?LINT:extern libpth
?LINT:change incpth
?LINT:change libpth
?LINT:extern locincpth
?LINT:extern loclibpth
?LINT:change locincpth
?LINT:change loclibpth
?LINT:extern TMPDIR
: setup for possible cross-compilation
run="
to=:
from=:
usecrosscompile='undef'
targetarch="
case "$usecrosscompile" in
$define|true|[yY]*)
@if { test -d ../Cross }
?X:
?X: Cross-compilation is enabled when there is a 'Cross' directory found
?X: at the root
of the package. This directory must contain the following
?X: entries for defining the cross-compilation process:
?X:
?X: FIXME FIXME
?X: WE MUST DISTINGUISH BETWEEN LOCAL cross-compiling AND REMOTE ONE
?X: ACTUALLY, REMOTE COMPILATION SHOULD BE CONFIGURED INTERACTIVELY

```

?X: IT WILL COPY ALL THE FILES FROM THE MANIFEST DOWN TO THE REMOTE DIR...

?X: (and copy things like 'mkdep', etc...)

?X:

```
$echo "Cross-compiling..."
```

```
croak="
```

```
case "$cc" in
```

```
*-*-gcc)
```

?X: A cross-compiling gcc, probably.

```
targetarch=`$echo $cc|$sed 's/-gcc$//`
```

```
ar=$targetarch-ar
```

?X: leave out ld, choosing it is more complex

```
nm=$targetarch-nm
```

```
ranlib=$targetarch-ranlib
```

```
$echo 'extern int foo;' > try.c
```

```
set X ` $cc -v -E try.c 2>&1 | \
```

```
$awk '/^#include <./^End of search /|$grep '/include`
```

```
shift
```

```
if $test $# -gt 0; then
```

```
    incpth="$incpth $*"
```

```
incpth=""`$echo $incpth|$sed 's/^ //'`
```

```
echo "Guessing incpth '$incpth'." >&4
```

```
for i in $*; do
```

```
    j=""`$echo $i|$sed 's,/include$,/lib,`
```

```
    if
```

```
$test -d $j; then
```

```
    libpth="$libpth $j"
```

```
    fi
```

```
done
```

```
libpth=""`$echo $libpth|$sed 's/^ //'`
```

```
echo "Guessing libpth '$libpth'." >&4
```

```
    fi
```

```
    $rm -f try.c
```

```
    ;;
```

```
esac
```

```
case "$targetarch" in
```

```
) echo "Targetarch not defined." >&4; croak=y ;;
```

```
*) echo "Using targetarch $targetarch." >&4 ;;
```

```
esac
```

```
case "$incpth" in
```

```
) echo "Incpth not defined." >&4; croak=y ;;
```

```
*) echo "Using incpth '$incpth'." >&4 ;;
```

```
esac
```

```
case "$libpth" in
```

```
) echo "Libpth not defined." >&4; croak=y ;;
```

```
*) echo "Using libpth '$libpth'." >&4 ;;
```

```
esac
```

```
case "$usrinc" in
```

```
)
```

```

for i in $incpth; do
if $test -f $i/errno.h -a -f $i/stdio.h -a -f $i/time.h; then
    usrinc=$i
    echo "Guessing usrinc $usrinc." >&4
    break
fi
done
case "$usrinc" in
") echo "Usrinc not defined." >&4; croak=y ;;
esac
;;
*) echo "Using usrinc $usrinc." >&4 ;;
esac
case "$targethost" in
") echo "Targethost not defined." >&4; croak=y ;;
*) echo "Using targethost $targethost."
>&4
esac
locincpth=' '
loclibpth=' '
case "$croak" in
y) echo "Cannot continue, aborting." >&4; exit 1 ;;
esac
case "$src" in
/*) run=$src/Cross/run
    targetmkdir=$src/Cross/mkdir
    to=$src/Cross/to
    from=$src/Cross/from
    ;;
*) pwd=`$test -f ../Configure & cd ..; pwd`
    run=$pwd/Cross/run
    targetmkdir=$pwd/Cross/mkdir
    to=$pwd/Cross/to
    from=$pwd/Cross/from
    ;;
esac
case "$targetrun" in
") targetrun=ssh ;;
esac
case "$targetto" in
") targetto=scp ;;
esac
case "$targetfrom" in
") targetfrom=scp ;;
esac
run=$run-$targetrun
to=$to-$targetto
from=$from-$targetfrom

```

```

case "$targetdir" in
")
targetdir="{TMPDIR:-/tmp}"
echo "Guessing targetdir $targetdir." >&4
;;
esac
case "$targetuser" in
")
targetuser=root
echo "Guessing targetuser $targetuser." >&4
;;
esac
case "$targetfrom" in
scp) q=-q ;;
*) q=" ;;
esac
case "$targetrun" in
ssh|rsh)
$cat >$run <<EOF
#!/bin/sh
case "$1" in
-cwd)
shift
cwd=$1
shift
;;
esac
case "$cwd" in
") cwd=$targetdir ;;
esac
exe=$1
shift
if $test ! -f \${exe}.xok; then
$to \${exe}
$touch \${exe}.xok
fi
$targetrun -l $targetuser $targethost "cd \${cwd} && ./\${exe} \${@"
EOF
;;
*) echo "Unknown targetrun '$targetrun'" >&4
exit 1
;;
esac
case "$targetmkdir" in
*/Cross/mkdir)
$cat >$targetmkdir <<EOF
#!/bin/sh
$targetrun -l $targetuser $targethost "mkdir -p \${@"

```

```

EOF
    $chmod a+rx $targetmkdir
    ;;
*) echo "Unknown targetmkdir '$targetmkdir'" >&4
    exit 1
    ;;
esac
case "$targetto" in
scp|rcp)
    $cat >$to <<EOF
#!/bin/sh
for f in @$@
do
case "$f" in
/*)
    $targetmkdir `dirname $f`
    $targetto $q $f $targetuser@$targethost:$f || exit 1
    ;;
*)
    $targetmkdir $targetdir/`dirname $f`
    $targetto $q $f $targetuser@$targethost:$targetdir/$f || exit 1
    ;;
esac
done
exit 0
EOF
    ;;
cp) $cat >$to <<EOF
#!/bin/sh
for f in @$@
do
case "$f" in
/*)
    $mkdir -p $targetdir/`dirname
    $f`
    $cp $f $targetdir/$f || exit 1
    ;;
*)
    $targetmkdir $targetdir/`dirname $f`
    $cp $f $targetdir/$f || exit 1
    ;;
esac
done
exit 0
EOF
    ;;
*) echo "Unknown targetto '$targetto'" >&4
    exit 1

```



```

;;
esac
case "$targetfrom" in
scp|rcp)
    $cat >$from <<EOF
#!/bin/sh
for f in \${@}
do
    $rm -f \${f}
    $targetfrom $q $targetuser@$targethost:$targetdir/\${f} . || exit 1
done
exit 0
EOF
;;
cp) $cat >$from <<EOF
#!/bin/sh
for f in \${@}
do
    $rm -f \${f}
    cp $targetdir/\${f} . || exit 1
done
exit 0
EOF
;;
*) echo "Unknown targetfrom '$targetfrom'" >&4
    exit 1
;;
esac
if $test ! -f $run; then
    echo "Target 'run' script '$run' not found." >&4
else
    $chmod a+rx $run
fi
if $test ! -f $to; then
    echo "Target 'to' script '$to' not found." >&4
else
    $chmod a+rx $to
fi
if $test ! -f $from; then
    echo "Target 'from' script '$from' not found." >&4
else
    $chmod a+rx $from
fi
if $test ! -f $run -o ! -f $to -o !
-f $from; then
    exit 1
fi
$cat >&4 <<EOF

```

Using '\$run' for remote execution,
and '\$from' and '\$to'
for remote file transfer.

EOF

@else

echo "Cross-compilation is not supported for this package." >&4

exit 1

@end

::

esac

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Cross.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2001 Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_dbminiproto: Hasproto i_dbm

?MAKE: -pick add \$@ %<

?S:d_dbminiproto:

?S: This variable conditionally defines the HAS_DBMINIT_PROTO symbol,

?S: which indicates to the C program that the system provides

?S: a prototype for the dbminiproto() function. Otherwise, it is

?S: up to the program to supply one.

?S:.

?C:HAS_DBMINIT_PROTO:

?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the dbminiproto() function. Otherwise, it is up

?C: to the program to supply one. A good guess is

?C: extern

int dbminiproto(char *);

?C:.

?H:#\$d_dbminiproto HAS_DBMINIT_PROTO /**/

?H:.

?LINT:set d_dbminiproto

: see if prototype for dbminiproto is available

echo " "

set d_dbminiproto dbminiproto \$i_dbm dbm.h

eval \$hasproto

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_dbmunitproto.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: newslib.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: newslib.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:09:23 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:newslib newslibexp: test inews Oldconfig Getfile
```

```
?MAKE: -pick add $@ %<
```

```
?S:newslib:
```

```
?S: This variable contains the eventual value of the NEWSLIB symbol,
```

```
?S: which holds the name of the directory serving as the news library.
```

```
?S: It may have a ~ on the front. See newslibexp for expanded version.
```

```
?S:.
```

```
?S:newslibexp:
```

```
?S: This variable contains
```

```
the ~ expanded name of the news library
```

```
?S: directory. See newslib.
```

```
?S:.
```

```
?C:NEWSLIB:
```

```
?C: This symbol contains the name of the directory serving as the news
```

```
?C: library. The program must be prepared to do ~ expansion on it.
```

```
?C:.
```

```
?C:NEWSLIB_EXP:
```

```
?C: This symbol is the ~ expanded version of NEWSLIB, for programs that
```

```
?C: do not wish to deal with it at run-time.
```

```
?C:.
```

```
?H:#define NEWSLIB "$newslib" /**/
```

```
?H:#define NEWSLIB_EXP "$newslibexp" /**/
```

```
?H:.
```

```
?LINT:change inews
```

```
: figure out news library
```

```
case "$newslib" in
```

```
)
```

```
dflt=/usr/lib/news
```

```

;;
*) dflt=$newslib ;;
esac
echo " "
fn=d~
rp="Where is your news library?"
./getfile
newslib="$ans"
newslibexp="$ansexp"
if $test -f $newslibexp/inews; then
echo "Aha! Inews is really in $newslibexp! Maybe this is 2.10.2..." >&4
case "$inews" in
inews)
: null
;;
*) echo "(Make sure $inews isn't an old version.)";;
esac
inews=$newslibexp/inews
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/newslib.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_endgrent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_endgrent_r endgrent_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_grp extern_C
?MAKE: -pick add $@ %<
?S:d_endgrent_r:
?S: This variable conditionally defines the HAS_ENDGRENT_R symbol,
?S: which indicates to the C program that the endgrent_r()
?S: routine is available.
?S:.
?S:endgrent_r_proto:
?S: This variable encodes the prototype of endgrent_r.
?S: It is zero if d_endgrent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endgrent_r
?S: is defined.
?S:.
?C:HAS_ENDGRENT_R:

```

?C: This symbol, if defined, indicates that the endgrent_r routine
 ?C: is available to
 endgrent re-entrantly.
 ?C:.
 ?C:ENDGRENT_R_PROTO:
 ?C: This symbol encodes the prototype of endgrent_r.
 ?C: It is zero if d_endgrent_r is undef, and one of the
 ?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endgrent_r
 ?C: is defined.

```
?C:.  

?H:#$d_endgrent_r HAS_ENDGRENT_R /**/  

?H:#define ENDGRENT_R_PROTO $endgrent_r_proto /**/  

?H:.  

?T:try hdrs d_endgrent_r_proto  

: see if endgrent_r exists  

set endgrent_r d_endgrent_r  

eval $inlibc  

case "$d_endgrent_r" in  

"$define")  

  hdrs="$i_systypes sys/types.h define stdio.h $i_grp grp.h"  

  case "$d_endgrent_r_proto:$usetheads" in  

  ":define") d_endgrent_r_proto=define  

    set d_endgrent_r_proto endgrent_r $hdrs  

    eval $hasproto ;;  

  *) ;;  

  esac  

  case "$d_endgrent_r_proto" in  

  define)  

  case "$endgrent_r_proto" in  

  "|0) try='int endgrent_r(FILE**);'  

  ./protochk "$extern_C $try" $hdrs && endgrent_r_proto=I_H ;;  

  esac  

  case "$endgrent_r_proto" in  

  "|0) try='void endgrent_r(FILE**);'  

  ./protochk "$extern_C $try" $hdrs && endgrent_r_proto=V_H ;;  

  esac  

  case "$endgrent_r_proto"  

  in  

  "|0) d_endgrent_r=undef  

  endgrent_r_proto=0  

  echo "Disabling endgrent_r, cannot determine prototype." >&4 ;;  

  * ) case "$endgrent_r_proto" in  

  REENTRANT_PROTO*) ;;  

  *) endgrent_r_proto="REENTRANT_PROTO_$endgrent_r_proto" ;;  

  esac  

  echo "Prototype: $try" ;;  

  esac  

  ;;
```

```

*) case "$usethreads" in
define) echo "endgrent_r has no prototype, not using it." >&4 ;;
esac
d_endgrent_r=undef
endgrent_r_proto=0
;;
esac
;;
*) endgrent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endgrent_r.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_dup2.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_dup2.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:56 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_dup2: Inlibc
?MAKE: -pick add $@ %<
?S:d_dup2:
?S: This variable conditionally defines HAS_DUP2 if dup2() is
?S: available to duplicate file descriptors.
?S:.
?C:HAS_DUP2 (DUP2):
?C: This symbol, if defined, indicates that the dup2 routine is
?C: available to duplicate file descriptors.
?C:.
?H:#$d_dup2 HAS_DUP2 /**/
?H:.
?LINT:set d_dup2
:
see if dup2 exists
set dup2 d_dup2
eval $inlibc

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_dup2.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_memcmp.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_memcmp.U,v \$

?RCS: Revision 3.0.1.1 1993/09/13 16:02:35 ram

?RCS: patch10: removed text recommending bcmp over memcmp (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:33 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_memcmp: Inlibc

?MAKE: -pick add \$@ %<

?S:d_memcmp:

?S: This variable conditionally defines the HAS_MEMCMP symbol, which

?S: indicates to the C program that the memcmp() routine is available

?S: to compare blocks of

memory.

?S:.

?C:HAS_MEMCMP (MEMCMP):

?C: This symbol, if defined, indicates that the memcmp routine is available

?C: to compare blocks of memory.

?C:.

?H:#\$d_memcmp HAS_MEMCMP /**/

?H:.

?LINT:set d_memcmp

: see if memcmp exists

set memcmp d_memcmp

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memcmp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_pipe.U 1 2006-08-24 12:32:52Z rmanfredi \$

```

?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_pipe.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:11:44 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_pipe: Inlibc
?MAKE: -pick add $@ %<
?S:d_pipe:
?S: This variable conditionally defines the HAS_PIPE symbol, which
?S: indicates to the C program that the pipe() routine is available
?S: to create an inter-process channel.
?S:.
?C:HAS_PIPE :
?C: This symbol, if defined, indicates
    that the pipe routine is
?C: available to create an inter-process channel.
?C:.
?H:#$d_pipe HAS_PIPE /**/
?H:.
?LINT:set d_pipe
: see if pipe exists
set pipe d_pipe
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pipe.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

```


?RCS:
?RCS: \$Log: startperl.U,v \$
?RCS: Revision 3.0.1.1 1997/02/28 16:25:06 ram
?RCS: patch61: warn them if the #! line is too long for their OS
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:50 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:startperl: cat rm sharpbang perlpath d_portable Myread
?MAKE: -pick add \$@ %<
?S:startperl:
?S: This variable contains the string to put on the front of a perl
?S: script to make sure (hopefully) that it runs with perl and not some
?S: shell. Of course, that
leading line must be followed by the classical
?S: perl idiom:
?S: eval 'exec perl -S \$0 \${1+"\$@"}'
?S: if \$running_under_some_shell;
?S: to guarantee perl startup should the shell execute the script. Note
?S: that this magic incantation is not understood by csh.
?S:.
?C:STARTPERL:
?C: This symbol is the string that should be put on the front of a
?C: perl script to make sure (hopefully) that it runs with perl and
?C: not under some shell. That line should be followed by the classical
?C: invocation magic:
?C: eval 'exec perl -S \$0 \${1+"\$@"}'
?C: if \$running_under_some_shell;
?C: to guarantee perl startup should the shell execute the script at first.
?C:.
?H:#define STARTPERL "\$startperl"
?H:.
?T:pdft
?F:!xtry
: figure out how to guarantee perl startup
case "\$sharpbang" in
*!)
?X:
?X: Make sure the #!\$perlpath magic incantation indeed works on this
?X: system... It might not if the length of the #! hook is greater
?X: than some hardwired kernel limit. -- RAM, 15/03/96
?X:
\$cat
>xtry <<EOP
#!\$perlpath
system("exit 0");
EOP
chmod a+x xtry

```
if ./xtry >/dev/null 2>&1; then
$cat <<EOH
```

I can use the #! construct to start perl on your system. This will make startup of perl scripts faster, but may cause problems if you want to share those scripts and perl is not in a standard place (/usr/bin/perl) on all your platforms. The alternative is to force a shell by starting the script with a single '.' character.

```
EOH
pdfit=y
else
$cat <<EOH
```

I could use the #! construct to start perl on your system, but using #!\$perlpath would be too long for your kernel to grok. Indeed, most systems do limit the size of the leading #! string to 32 characters.

```
EOH
pdfit=n
fi
$rm -f xtry
case "$startperl" in
*!*) dflt=y;;
") case "$d_portable" in
"$define") dflt=n;;
*) dflt=$pdfit;;
esac;;
*) dflt=n;;
esac
rp='Shall I use #! to start up perl?'
./myread
case "$ans" in
y*|Y*) startperl="#!$perlpath";;
*) startperl=": # use perl";;
esac;;
*) startperl=":
# use perl";;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/startperl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: voidflags.U,v 3.0.1.2 1997/02/28 16:27:58 ram Exp $
```

```
?RCS:
```

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: voidflags.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 16:27:58 ram

?RCS: patch61: don't prompt them if the void support is high enough for us

?RCS:

?RCS: Revision 3.0.1.1 1995/01/11 15:37:44 ram

?RCS: patch45: cosmetic change to avoid spurious blank lines when using -s

?RCS:

?RCS: Revision 3.0 1993/08/18 12:10:01 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:voidflags defvoidused: cat rm_try contains +cc +ccflags package \
Oldconfig
Myread i_stdlib

?MAKE: -pick add \$@ %<

?S:voidflags:

?S: This variable contains the eventual value of the VOIDFLAGS symbol,
?S: which indicates how much support of the void type is given by this
?S: compiler. See VOIDFLAGS for more info.

?S:.

?S:defvoidused:

?S: This variable contains the default value of the VOIDUSED symbol (15).

?S:.

?X: Exceptionally, we have to explicitly alias the symbol name for
?X: config_h.SH, otherwise the comment would not appear.

?C:VOIDFLAGS ~ %<:

?C: This symbol indicates how much support of the void type is given by this
?C: compiler. What various bits mean:

?C:

?C: 1 = supports declaration of void

?C: 2 = supports arrays of pointers to functions returning void

?C: 4 = supports comparisons between pointers to void functions and
?C: addresses of void functions

?C: 8 = supports declaration of generic void pointers

?C:

?C: The package designer should define VOIDUSED to indicate the requirements
?C: of the package. This can be done either
by #defining VOIDUSED before
?C: including config.h, or by defining defvoidused in Myinit.U. If the
?C: latter approach is taken, only those flags will be tested. If the
?C: level of void support necessary is not present, defines void to int.

```

?C:.
?H:?%<:#ifndef VOIDUSED
?H:?%<:#define VOIDUSED $defvoidused
?H:?%<:#endif
?H:?%<:#define VOIDFLAGS $voidflags
?H:?%<:#if (VOIDFLAGS & VOIDUSED) != VOIDUSED
?H:?%<:#define void int /* is void to be avoided? */
?H:?%<:#define M_VOID /* Xenix strikes again */
?H:?%<:#endif
?H:.
?INIT:: full support for void wanted by default
?INIT:defvoidused=15
?INIT:
?LINT:known void M_VOID VOIDUSED
: check for void type
echo " "
echo "Checking to see how well your C compiler groks the void type..." >&4
case "$voidflags" in
")
$cat >try.c <<<EOCP
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#if TRY & 1
void sub() {
#else
sub() {
#endif
extern void moo(); /* function returning void */
void (*goo)(); /* ptr to func returning void
*/
#if TRY & 8
void *hue; /* generic ptr */
#endif
#if TRY & 2
void (*foo[10])();
#endif

#if TRY & 4
if(goo == moo) {
exit(0);
}
#endif
exit(0);
}
int main() { sub(); }
EOCP

```

```

?X: This unit used to use cc -S in those tests to try to speed up things, but
?X: unfortunately, AIX 3.2 does not support this option.
if $cc $ccflags -c -DTRY=$defvoidused try.c >.out 2>&1 ; then
    voidflags=$defvoidused
echo "Good. It appears to support void to the level $package wants.">&4
if $contains warning .out >/dev/null 2>&1; then
    echo "However, you might get some warnings that look like this:"
    $cat .out
fi
else
echo "Hmm, your compiler has some difficulty with void. Checking further..." >&4
if $cc $ccflags -c -DTRY=1 try.c >/dev/null 2>&1; then
    echo "It supports 1..."
if $cc $ccflags -c -DTRY=3 try.c >/dev/null 2>&1; then
    echo "It also supports 2..."
if $cc $ccflags -c -DTRY=7 try.c >/dev/null 2>&1; then
    voidflags=7
    echo "And it supports 4 but not 8 definitely."
else
    echo
    "It doesn't support 4..."
    if $cc $ccflags -c -DTRY=11 try.c >/dev/null 2>&1; then
        voidflags=11
        echo "But it supports 8."
    else
        voidflags=3
        echo "Neither does it support 8."
    fi
fi
else
echo "It does not support 2..."
if $cc $ccflags -c -DTRY=13 try.c >/dev/null 2>&1; then
    voidflags=13
    echo "But it supports 4 and 8."
else
if $cc $ccflags -c -DTRY=5 try.c >/dev/null 2>&1; then
    voidflags=5
    echo "And it supports 4 but has not heard about 8."
else
    echo "However it supports 8 but not 4."
fi
fi
fi
else
echo "There is no support at all for void."
voidflags=0
fi
fi

```

esac

?X: Only prompt user if support does not match the level we want

case "\$voidflags" in

"\$defvoidused") ;;

*) \$cat >&4 <<'EOM'

Support flag bits are:

1: basic void declarations.

2: arrays of pointers to functions returning void.

4: operations between pointers to and addresses of
void functions.

8: generic void pointers.

EOM

dflt="\$voidflags";

rp="Your void support flags add up to what?"

. ./myread

voidflags="\$ans"

::

esac

\$rm_try

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/voidflags.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000, Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_lseekproto: Hasproto i_systypes i_unistd

?MAKE: -pick add \$@ %<

?S:d_lseekproto:

?S: This variable conditionally defines the HAS_LSEEK_PROTO symbol,

?S: which indicates to the C program that the system provides

?S: a prototype for the lseek() function. Otherwise, it is

?S: up to the program to supply one.

?S:.

?C:HAS_LSEEK_PROTO:

?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the lseek() function. Otherwise, it is up

?C: to the program to supply one. A good guess is

?C: extern

```

off_t lseek(int, off_t, int);
?C:.
?H:#$d_lseekproto HAS_LSEEK_PROTO /**/
?H:.
?LINT:set d_lseekproto
: see if prototype for lseek is available
echo " "
set d_lseekproto lseek $i_systypes sys/types.h $i_unistd unistd.h
eval $hasproto

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_lseekproto.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_gethostent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_gethostent_r gethostent_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_gethostent_r:
?S: This variable conditionally defines the HAS_GETHOSTENT_R symbol,
?S: which indicates to the C program that the gethostent_r()
?S: routine is available.
?S:.
?S:gethostent_r_proto:
?S: This variable encodes the prototype of gethostent_r.
?S: It is zero if d_gethostent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gethostent_r
?S: is defined.
?S:.
?C:HAS_GETHOSTENT_R:
?C: This symbol, if defined, indicates that the gethostent_r routine
?C: is
  available to gethostent re-entrantly.
?C:.
?C:GETHOSTENT_R_PROTO:
?C: This symbol encodes the prototype of gethostent_r.
?C: It is zero if d_gethostent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gethostent_r
?C: is defined.
?C:.

```

```

?H:#$d_gethostent_r HAS_GETHOSTENT_R /**/
?H:#define GETHOSTENT_R_PROTO $gethostent_r_proto /**/
?H:.
?T:try hdrs d_gethostent_r_proto
: see if gethostent_r exists
set gethostent_r d_gethostent_r
eval $inlibc
case "$d_gethostent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_gethostent_r_proto:$usetthreads" in
":define") d_gethostent_r_proto=define
set d_gethostent_r_proto gethostent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_gethostent_r_proto" in
define)
case "$gethostent_r_proto" in
"|0) try='int gethostent_r(struct hostent*, char*, size_t, struct hostent**, int*);'
./protochk "$extern_C $try" $hdrs && gethostent_r_proto=I_SBWRE ;;
esac
case "$gethostent_r_proto"
in
"|0) try='int gethostent_r(struct hostent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && gethostent_r_proto=I_SBIE ;;
esac
case "$gethostent_r_proto" in
"|0) try='struct hostent* gethostent_r(struct hostent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && gethostent_r_proto=S_SBIE ;;
esac
case "$gethostent_r_proto" in
"|0) try='struct hostent* gethostent_r(struct hostent*, char*, int);'
./protochk "$extern_C $try" $hdrs && gethostent_r_proto=S_SBI ;;
esac
case "$gethostent_r_proto" in
"|0) try='int gethostent_r(struct hostent*, char*, int);'
./protochk "$extern_C $try" $hdrs && gethostent_r_proto=I_SBI ;;
esac
case "$gethostent_r_proto" in
"|0) try='int gethostent_r(struct hostent*, struct hostent_data*);'
./protochk "$extern_C $try" $hdrs && gethostent_r_proto=I_SD ;;
esac
case "$gethostent_r_proto" in
"|0) d_gethostent_r=undef
gethostent_r_proto=0
echo "Disabling gethostent_r, cannot determine prototype." >&4 ;;
* ) case

```



```

"$gethostent_r_proto" in
REENTRANT_PROTO*) ;;
*) gethostent_r_proto="REENTRANT_PROTO_${gethostent_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "gethostent_r has no prototype, not using it." >&4 ;;
esac
d_gethostent_r=undef
gethostent_r_proto=0
;;
esac
;;
*) gethostent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_gethostent_r.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_gethostbyaddr_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_gethostbyaddr_r gethostbyaddr_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_gethostbyaddr_r:

?S: This variable conditionally defines the HAS_GETHOSTBYADDR_R symbol,

?S: which indicates to the C program that the gethostbyaddr_r()

?S: routine is available.

?S:.

?S:gethostbyaddr_r_proto:

?S: This variable encodes the prototype of gethostbyaddr_r.

?S: It is zero if d_gethostbyaddr_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gethostbyaddr_r

?S: is defined.

?S:.

?C:HAS_GETHOSTBYADDR_R:

?C: This symbol, if defined, indicates

that the gethostbyaddr_r routine

?C: is available to gethostbyaddr re-entrantly.

?C:.

?C:GETHOSTBYADDR_R_PROTO:

?C: This symbol encodes the prototype of gethostbyaddr_r.

?C: It is zero if d_gethostbyaddr_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gethostbyaddr_r

?C: is defined.

?C:.

?H:#\$d_gethostbyaddr_r HAS_GETHOSTBYADDR_R /**/

?H:#define GETHOSTBYADDR_R_PROTO \$gethostbyaddr_r_proto /**/

?H:.

?T:try hdrs d_gethostbyaddr_r_proto

: see if gethostbyaddr_r exists

set gethostbyaddr_r d_gethostbyaddr_r

eval \$inlibc

case "\$d_gethostbyaddr_r" in

"\$define")

hdrs="\$i_systypes sys/types.h define stdio.h \$i_netdb netdb.h"

case "\$d_gethostbyaddr_r_proto:\$usethreads" in

":define") d_gethostbyaddr_r_proto=define

set d_gethostbyaddr_r_proto gethostbyaddr_r \$hdrs

eval \$hasproto ;;

*) ;;

esac

case "\$d_gethostbyaddr_r_proto" in

define)

case "\$gethostbyaddr_r_proto" in

"|0) try='int gethostbyaddr_r(const char*, size_t, int, struct hostent*, char*,

size_t, struct hostent**, int*);'

./protochk "\$extern_C \$try" \$hdrs && gethostbyaddr_r_proto=I_CWISBWRE ;;

esac

case "\$gethostbyaddr_r_proto" in

"|0) try='struct hostent* gethostbyaddr_r(const char*, size_t, int, struct hostent*, char*, size_t, int, int*);'

./protochk "\$extern_C \$try" \$hdrs && gethostbyaddr_r_proto=S_CWISBWIE ;;

esac

case "\$gethostbyaddr_r_proto" in

"|0) try='struct hostent* gethostbyaddr_r(const char*, size_t, int, struct hostent*, char*, int, int*);'

./protochk "\$extern_C \$try" \$hdrs && gethostbyaddr_r_proto=S_CWISBIE ;;

esac

case "\$gethostbyaddr_r_proto" in

"|0) try='struct hostent* gethostbyaddr_r(const void*, size_t, int, struct hostent*, char*, int, int*);'

./protochk "\$extern_C \$try" \$hdrs && gethostbyaddr_r_proto=S_TWISBIE ;;

esac

case "\$gethostbyaddr_r_proto" in

"|0) try='struct hostent* gethostbyaddr_r(const char*, int, int, struct hostent*, char*, int, int*);'

./protochk "\$extern_C \$try" \$hdrs && gethostbyaddr_r_proto=S_CIISBIE ;;

esac

```

case
"$gethostbyaddr_r_proto" in
"|0) try='struct hostent* gethostbyaddr_r(const char*, struct hostent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_CSBIE ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='struct hostent* gethostbyaddr_r(const void*, struct hostent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_TSBIE ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='int gethostbyaddr_r(const char*, size_t, int, struct hostent*, struct hostent_data*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_CWISD ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='int gethostbyaddr_r(const char*, int, int, struct hostent*, struct hostent_data*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_CHISD ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) try='int gethostbyaddr_r(const char*, int, int);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_CII ;;
esac
case
"$gethostbyaddr_r_proto" in
"|0) try='int gethostbyaddr_r(const void*, socklen_t, int, struct hostent*, char*, size_t, struct hostent**, int*);'
./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_TsISBWRE ;;
esac
case "$gethostbyaddr_r_proto" in
"|0) d_gethostbyaddr_r=undef
gethostbyaddr_r_proto=0
echo "Disabling gethostbyaddr_r, cannot determine prototype." >&4 ;;
* ) case "$gethostbyaddr_r_proto" in
REENTRANT_PROTO*) ;;
*) gethostbyaddr_r_proto="REENTRANT_PROTO_${gethostbyaddr_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "gethostbyaddr_r has no prototype, not using it." >&4 ;;
esac
d_gethostbyaddr_r=undef
gethostbyaddr_r_proto=0
;;
esac
;;
*) gethostbyaddr_r_proto=0
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_gethostbyaddr_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_wctomb.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_wctomb.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:20:43 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d_wctomb: Inlibc

?MAKE: -pick add \$@ %<

?S:d_wctomb:

?S: This variable conditionally defines the HAS_WCTOMB symbol, which

?S: indicates to the C program that the wctomb() routine is available

?S: to convert a wide character to a multibyte.

?S:.

?C:HAS_WCTOMB (WCTOMB):

?C: This

symbol, if defined, indicates that the wctomb routine is available

?C: to convert a wide character to a multibyte.

?C:.

?H:#\$d_wctomb HAS_WCTOMB /**/

?H:.

?LINT:set d_wctomb

: see if wctomb exists

set wctomb d_wctomb

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wctomb.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_semctl.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_semctl.U,v \$
?RCS: Revision 3.0 1993/08/18 12:07:04 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_semctl: Inlibc
?MAKE: -pick add \$@ %<
?S:d_semctl:
?S: This variable conditionally defines the HAS_SEMCTL symbol, which
?S: indicates to the C program that the semctl() routine is available.
?S:.
?C:HAS_SEMCTL:
?C: This symbol, if defined, indicates that the semctl() routine is
?C: available to perform semaphore control operations.
?C:.
?H:#\$d_semctl
HAS_SEMCTL /**/
?H:.
?LINT:set d_semctl
: see if semctl exists
set semctl d_semctl
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_semctl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: sbrksmart.U,v \$
?RCS: Revision 3.0.1.2 1995/01/11 15:35:41 ram
?RCS: patch45: now sets sbrksmart to undef explicitly when lacking sbrk()

```

?RCS: patch45: forgot a cast when using return value from sbrk()
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:16:45 ram
?RCS: patch16: created
?RCS:
?MAKE:sbrksmart: cat d_sbrk +cc +ccflags +libs rm
?MAKE: -pick add $@ %<
?S:sbrksmart:
?S: This variable conditionally defines HAS_SMART_SBRK if the sbrk()
?S: routine honors a negative argument to lower the break
value.
?S:.
?C:HAS_SMART_SBRK:
?C: This symbol is defined when the sbrk() system call may be used with
?C: a negative argument to lower the break value, therefore releasing
?C: core to the system. If not, you'd probably be better off using the
?C: mmap() system call.
?C:.
?H:#$sbrksmart HAS_SMART_SBRK /**/
?H:.
?T:dumb
?F:!sbrk
: see whether sbrk can release core to the kernel
echo " "
case "$d_sbrk" in
"$define")
echo "Let's see if your sbrk() is smart enough to release core..." >&4
$cat > sbrk.c <<EOC
#define INC 256 /* Small enough to be less than a page size */

int main()
{
char *obrk = (char *) sbrk(0);
char *nbrk;

nbrk = (char *) sbrk(INC);
if (nbrk == (char *) -1)
exit(1); /* Not enough memory */
if (nbrk != obrk)
exit(2); /* Unreliable sbrk() */
nbrk = (char *) sbrk(-INC);
if (nbrk == (char *) -1)
exit(3); /* May have understood negative arg as huge positive */
if (obrk != (char *) sbrk(0))
exit(4); /* Not smart, definitely */

exit(0); /* Ok */
}

```

```

EOC
sbrksmart="$undef"
dumb='--
assuming dumb sbrk().'
if $cc $cflags -o sbrk sbrk.c $libs >/dev/null 2>&1; then
./sbrk >/dev/null 2>&1
case $? in
0) sbrksmart="$define"
echo "Yes, it can be used with negative values." ;;
1) echo "Sorry, not enough memory $dumb" ;;
2) echo "No it's not, and besides it seems to be buggy..." ;;
3) echo "No, it fails with negative values." ;;
4) echo "Nope, your sbrk() is too dumb." ;;
*) echo "Err... Unexpected result $dumb" ;;
esac
else
echo "(Could not compile test program $dumb)"
fi
;;
*)
echo "Since you don't have sbrk(), let's forget about the smart test!"
sbrksmart="$undef"
;;
esac
$rm -f sbrk sbrk.* core

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sbrksmart.U

```

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_nl_langinfo: Inlibc i_langinfo

?MAKE: -pick add \$@ %<

?S:d_nl_langinfo:

?S: This variable conditionally defines the HAS_NL_LANGINFO symbol, which

?S: indicates to the C program that the nl_langinfo() routine is available.

?S:.

?C:HAS_NL_LANGINFO:

?C: This symbol, if defined, indicates that the nl_langinfo routine is

?C: available to return local data. You will also need <langinfo.h>

?C: and therefore I_LANGINFO.

```
?C:
?H:#$d_nl_langinfo HAS_NL_LANGINFO /**/
?H:
?LINT:set d_nl_langinfo
?LINT:use i_langinfo
: see if nl_langinfo exists
set nl_langinfo d_nl_langinfo
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nl_langinfo.U
```

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```
?RCS: $Id: d_nolnbuf.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_nolnbuf.U,v $
?RCS: Revision 3.0.1.1 1994/05/06 14:46:07 ram
?RCS: patch23: avoid looping in the "see that again?" prompt (WED)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:43 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_nolnbuf: test +cc cat rm Setvar Myread
?MAKE: -pick add $@ %<
?S:d_nolnbuf:
?S: This variable conditionally defines the NOLINEBUF symbol, which
?S: indicates to the C program that stdout is not buffered, so that
?S: the
program can call setbuf() or setlinebuf() for efficiency.
?S:
?C:NOLINEBUF:
?C: This symbol, if defined, indicates that stdout is not buffered, so that
?C: the program can call setbuf() or setlinebuf() for efficiency.
?C:
?H:#$d_nolnbuf NOLINEBUF /**/
?H:
?T:xxx
?F:!blurfl
?LINT:set d_nolnbuf
```



```

: check for buffering of stdout
echo " "
case "$d_nolnbuf" in
")
$cat <<'EOT' >blurfl.c
#include <stdio.h>
int main()
{
int i;

for (i = 0; i < 5; i++) {
putchar(i+'a');
sleep(1);
}
putchar('\n');
}
EOT
$cc -o blurfl blurfl.c >/dev/null 2>&1;
$rm -f blurfl.c
$cat >&4 <<'EOM'
Checking for buffering of stdout to terminal.

```

Observe the following characters as they are printed out, to see whether they print out all at once, or with a 1 second pause between each of them. If they print out one by one, you don't have buffering. If they print together (after about a 5 second pause), you do have buffering.

```

EOM
dflt='Type return to start printing the test characters'
rp="
.
./myread
xxx=y
while $test "$xxx" = 'y'; do
./blurfl 1>&4
dflt=n
rp='Would you like to see that again?'
. ./myread
case "$ans" in
[yY]*) xxx="y";;
*) xxx="n";;
esac
done
dflt=y
rp="Do you have buffering (printed all at once)?"
. ./myread
case "$ans" in
n*) val="$define";;

```

```

*) val="$undef";;
esac
;;
*)
case "$d_nolnbuf" in
"$define") dflt=n;;
*) dflt=y;;
esac
rp="Do you have buffering on stdout to terminals?"
. ./myread
case "$ans" in
n*) val="$define";;
*) val="$undef";;
esac
;;
esac
set d_nolnbuf
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_nolnbuf.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Magic_h.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

?RCS: \$Log: Magic_h.U,v \$

?RCS: Revision 3.0.1.2 1993/11/10 17:32:58 ram

?RCS: patch14: forgot to mention Id in the dependencies

?RCS:

?RCS: Revision 3.0.1.1 1993/10/16 13:46:59 ram

?RCS: patch12: created for ?M: lines support (magic symbols)

?RCS:

?X:

?X: This file ends up producing the confmagic.h include, which is used to

?X: automagically remap some C symbols via cpp redefinitions.

?X:

?X: The file ./Magic_h below contains all the ?M: lines extracted out
of all

?X: the units. Metaconfig itself adds the final #endif statement.

?X: Note that this code isn't included into Configure, but must be shipped with.

?X:

?MAKE:Magic_h: Id Config_h

?MAKE: -pick cm_h_weed \$@ %<

?MAKE: -pick cm_h_weed \$@ ./Magic_h

?LINT:nocomment

/*

* This file was produced by running metaconfig and is intended to be included

* after config.h and after all the other needed includes have been dealt with.

*

* This file may be empty, and should not be edited. Rerun metaconfig instead.

* If you wish to get rid of this magic, remove this file and rerun metaconfig

* without the -M option.

*

* \$Id: Magic_h.U 1 2006-08-24 12:32:52Z rmanfredi \$

*/

#ifndef _confmagic_h_

#define _confmagic_h_

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Magic_h.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_ustat.U,v \$

?RCS:

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?RCS:

?MAKE:i_ustat: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_ustat:

?S: This variable conditionally defines the I_USTAT symbol, and indicates

?S: whether a C program should include <ustat.h>.

?S:.

?C:I_USTAT:

?C: This symbol, if defined, indicates that <ustat.h> exists and

?C: should be included.

?C:.

?H:#\$i_ustat I_USTAT /**/

?H:.

?LINT:set i_ustat

: see if this is a ustat.h system

set ustat.h i_ustat

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_ustat.U

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?RCS: \$Id: Prefixit.U 1 2006-08-24 12:32:52Z rmanfredi \$

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?RCS:

?RCS: \$Log: Prefixit.U,v \$

?RCS: Revision 3.0.1.1 1995/01/30 14:29:22 ram

?RCS: patch49: created

?RCS:

?X:

?X: Used as: "set dflt var dir; eval \$prefixit" to set \$dflt to be

?X: \$prefix/dir by default, or the previous \$var depending on certain

?X: conditions:

?X: - If the \$oldprefix variable is empty, then \$prefix holds the same

?X: value as on previous runs. Therefore, reuse \$var if set, otherwise

?X: set \$dflt to \$prefix/dir.

?X: - If \$oldprefix is not

empty, then set \$dflt to \$prefix/dir if \$var

?X: is empty (first run). Otherwise, if \$var is \$oldprefix/dir, then

?X: change it to \$prefix/dir. If none of the above, reuse the old \$var.

?X:

?X: When dir is omitted, the dflt variable is set to \$var if prefix did not

?X: change, to an empty value otherwise. If dir=none, then a single space

?X: in var is kept as-is, even if the prefix changes.

?X:

?MAKE:Prefixit: prefix oldprefix

?MAKE: -pick add \$@ %<

?LINT:define prefixit

?S:prefixit:

?S: This shell variable is used internally by Configure to reset

?S: the leading installation prefix correctly when it is changed.

?S: set dflt var [dir]

?S: eval \$prefixit

?S: That will set \$dflt to \$var or \$prefix/dir depending on the

?S: value of \$var and \$oldprefix.

?S:.

?V:prefixit

```

?T:tp
: set the prefixit variable, to compute a suitable default value
prefixit='case "$3" in
""|none)
case "$oldprefix" in
"") eval "$1=\\"$2\"";;
*)
case "$3" in
"") eval "$1=";;
none)
eval "tp=\\"$2\"";
case
"$tp" in
""|" ") eval "$1=\\"$2\"";;
*) eval "$1=";;
esac;;
esac;;
esac;;
*)
eval "tp=\\"$oldprefix-\\"$2-\\""; eval "tp=\\"$tp\\"";
case "$tp" in
-|/*--|\~*--) eval "$1=\\"$prefix/$3\\"";;
/*-$oldprefix/*|\~*-$oldprefix/*)
eval "$1=\`echo \\"$2 | sed \\'s,^$oldprefix,$prefix,\`\"";;
*) eval "$1=\\"$2\\"";;
esac;;
esac'

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Prefixit.U

```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: lib.U,v \$

?RCS: Revision 3.0.1.3 1995/09/25 09:16:47 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.2 1995/01/30 14:38:08 ram

?RCS: patch49: can now handle installation prefix changes (from WED)

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:27:40 ram

?RCS: patch32: now uses installation prefix to set the default

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:56 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:lib libexp: Getfile

Loc Oldconfig Prefixit Prefixup prefixexp

?MAKE: -pick add \$@ %<

?Y:TOP

?S:lib:

?S: This variable holds the name of the directory in which the user wants

?S: to put public library files for the package in question. It is most

?S: often a local directory such as /usr/local/lib. Programs using this

?S: variable must be prepared to deal with filename expansion.

?S:.

?S:libexp:

?S: This variable is the same as the lib variable, but is filename expanded

?S: at configuration time, for convenient use in your makefiles.

?S:.

: determine where public libraries go

set lib lib

eval \$prefixit

case "\$lib" in

*)

dflt=`./loc . ." \$prefixexp/lib /usr/local/lib /usr/lib /lib`

set dflt

eval \$prefixup

::

*) dflt="\$lib";;

esac

echo " "

fn=d~

rp='Where do you want to put the public libraries?'

./getfile

lib="\$ans"

libexp="\$ansexp"

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lib.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: groupstye.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

```

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: groupstype.U,v $
?RCS: Revision 3.0.1.2 1994/10/29 16:18:08 ram
?RCS: patch36: no longer uses Setvar to set 'groupstype' (ADO)
?RCS: patch36: typo fix in the word 'argument' (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 07:00:18 ram
?RCS: patch30: created by ADO
?RCS:
?MAKE:groupstype: gidtype d_getgrps Myread Oldconfig Findhdr cat d_setgrps
?MAKE: -pick add $@ %<
?INIT:groupstype="
?S:groupstype:
?S: This
    variable defines Groups_t to be something like gid_t, int,
?S: ushort, or whatever type is used for the second argument to
?S: getgroups() and setgroups(). Usually, this is the same as
?S: gidtype (gid_t), but sometimes it isn't.
?S:.
?C:Groups_t (GROUPSTYPE):
?C: This symbol holds the type used for the second argument to
?C: getgroups() and setgroups(). Usually, this is the same as
?C: gidtype (gid_t) , but sometimes it isn't.
?C: It can be int, ushort, gid_t, etc...
?C: It may be necessary to include <sys/types.h> to get any
?C: typedef'ed information. This is only required if you have
?C: getgroups() or setgroups()..
?C:.
?H:%<:#if defined(HAS_GETGROUPS) || defined(HAS_SETGROUPS)
?H:%<:#define Groups_t $groupstype /* Type for 2nd arg to [sg]etgroups() */
?H:%<:#endif
?H:.
?W:%<:getgroups HAS_GETGROUPS setgroups HAS_SETGROUPS
: Find type of 2nd arg to 'getgroups()' and 'setgroups()'
echo " "
case "$d_getgrps$d_setgrps" in
*define*)
case
"$groupstype" in
") dflt="$gidtype" ;;

```

```
*) dflt="$groupstype" ;;
```

```
esac
```

```
$cat <<EOM
```

What type of pointer is the second argument to getgroups() and setgroups()?

Usually this is the same as group ids, \$gidtype, but not always.

EOM

```
rp='What type pointer is the second argument to getgroups() and setgroups()?'
```

```
. ./myread
```

```
groupstype="$ans"
```

```
::
```

```
*) groupstype="$gidtype";;
```

```
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/groupstype.U
```

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_fdim: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fdim:

?S: This variable conditionally defines the HAS_FDIM symbol, which

?S: indicates to the C program that the fdim() routine is available.

?S:.

?C:HAS_FDIM:

?C: This symbol, if defined, indicates that the fdim routine is

?C: available to do the positive difference function.

?C:.

?H:#\$d_fdim HAS_FDIM /**/

?H:.

?LINT:set d_fdim

: see if fdim exists

set fdim d_fdim

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fdim.U
```

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?RCS: \$Id: d_attribut.U 1 2006-08-24 12:32:52Z rmanfredi \$

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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: \$Log: d_attribut.U,v \$
?RCS: Revision 3.0.1.3 1995/01/30 14:33:45 ram
?RCS: patch49: test C program now includes <stdio.h> (WED)
?RCS:
?RCS: Revision 3.0.1.2 1995/01/11 15:25:47 ram
?RCS: patch45: fixed typo in the d_attribut variable (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:08:55 ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_attribute_deprecated d_attribute_format
d_attribute_malloc \
d_attribute_nonnull d_attribute_noreturn d_attribute_pure \
d_attribute_unused d_attribute_warn_unused_result \
d_printf_format_null: \
Myread Oldconfig cat cc ccflags rm Setvar contains i_stdlib run \
i_inttypes
?MAKE: -pick add \$@ %<
?S:d_attribute_format:
?S: This variable conditionally defines HASATTRIBUTE_FORMAT, which
?S: indicates the C compiler can check for printf-like formats.
?S:.
?S:d_attribute_deprecated:
?S: This variable conditionally defines HASATTRIBUTE_DEPRECATED, which
?S: indicates that GCC can handle the attribute for marking deprecated
?S: APIs
?S:.
?S:d_printf_format_null:
?S: This variable conditionally defines PRINTF_FORMAT_NULL_OK, which
?S: indicates the C compiler allows printf-like formats to be null.
?S:.
?S:d_attribute_malloc:
?S: This variable conditionally defines HASATTRIBUTE_MALLOC, which
?S: indicates the C compiler can understand functions as having
?S: malloc-like semantics.
?S:.
?S:d_attribute_nonnull:
?S: This
variable conditionally defines HASATTRIBUTE_NONNULL, which
?S: indicates that the C compiler can know that certain arguments

?S: must not be NULL, and will check accordingly at compile time.
?S:.
?S:d_attribute_noreturn:
?S: This variable conditionally defines HASATTRIBUTE_NORETURN, which
?S: indicates that the C compiler can know that certain functions
?S: are guaranteed never to return.
?S:.
?S:d_attribute_pure:
?S: This variable conditionally defines HASATTRIBUTE_PURE, which
?S: indicates that the C compiler can know that certain functions
?S: are "pure" functions, meaning that they have no side effects, and
?S: only rely on function input and/or global data for their results.
?S:.
?S:d_attribute_unused:
?S: This variable conditionally defines HASATTRIBUTE_UNUSED, which
?S: indicates that the C compiler can know that certain variables
?S: and arguments may not always be used, and to not throw warnings
?S: if they don't get used.
?S:.
?S:d_attribute_warn_unused_result:
?S: This variable
?S: conditionally defines
?S: HASATTRIBUTE_WARN_UNUSED_RESULT, which indicates that the C
?S: compiler can know that certain functions have a return values
?S: that must not be ignored, such as malloc() or open().
?S:.
?C:HASATTRIBUTE_FORMAT ~ %< (GNU_ATTRIBUTE_CHECK):
?C: Can we handle GCC attribute for checking printf-style formats
?C:.
?C:PRINTF_FORMAT_NULL_OK:
?C: Allows __printf__ format to be null when checking printf-style
?C:.
?C:HASATTRIBUTE_MALLOC:
?C: Can we handle GCC attribute for malloc-style functions.
?C:.
?C:HASATTRIBUTE_NONNULL:
?C: Can we handle GCC attribute for nonnull function parms.
?C:.
?C:HASATTRIBUTE_NORETURN:
?C: Can we handle GCC attribute for functions that do not return
?C:.
?C:HASATTRIBUTE_PURE:
?C: Can we handle GCC attribute for pure functions
?C:.
?C:HASATTRIBUTE_UNUSED:
?C: Can we handle GCC attribute for unused variables and arguments
?C:.
?C:HASATTRIBUTE_DEPRECATED:

```

?C: Can we handle GCC attribute for marking deprecated APIs
?C:.
?C:HASATTRIBUTE_WARN_UNUSED_RESULT
~ %< (HASATTRIBUTE):
?C: Can we handle GCC attribute for warning on unused results
?C:.
?H:%<:#$d_attribute_deprecated HASATTRIBUTE_DEPRECATED /**/
?H:%<:#$d_attribute_format HASATTRIBUTE_FORMAT /**/
?H:%<:#$d_printf_format_null PRINTF_FORMAT_NULL_OK /**/
?H:%<:#$d_attribute_noreturn HASATTRIBUTE_NORETURN /**/
?H:%<:#$d_attribute_malloc HASATTRIBUTE_MALLOC /**/
?H:%<:#$d_attribute_nonnull HASATTRIBUTE_NONNULL /**/
?H:%<:#$d_attribute_pure HASATTRIBUTE_PURE /**/
?H:%<:#$d_attribute_unused HASATTRIBUTE_UNUSED /**/
?H:%<:#$d_attribute_warn_unused_result HASATTRIBUTE_WARN_UNUSED_RESULT /**/
?H:.
?F:!attrib !attrib.out !attrib.c
?LINT:set d_attribute_deprecated
?LINT:set d_attribute_format
?LINT:set d_printf_format_null
?LINT:set d_attribute_malloc
?LINT:set d_attribute_nonnull
?LINT:set d_attribute_noreturn
?LINT:set d_attribute_pure
?LINT:set d_attribute_unused
?LINT:set d_attribute_warn_unused_result
: Look for GCC-style attribute format
case "$d_attribute_format"
in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((format)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
void my_special_printf(char* pat,...) __attribute__((__format__(__printf__,1,2)));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
if $contains 'warning' attrib.out >/dev/null 2>&1; then
echo "Your C compiler doesn't support __attribute__((format))."
val="$undef"
else
echo "Your C compiler supports __attribute__((format))."
val="$define"
fi
else
echo "Your C compiler doesn't seem to understand __attribute__ at all."
val="$undef"
fi

```

```

;;
*) val="$d_attribute_format" ;;
esac
set d_attribute_format
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute format with null format allowed
case "$d_printf_format_null" in
") case "$d_attribute_format" in
    $define)
    echo " "
    echo "Checking whether your compiler allows __printf__ format to be null ..." >&4
$cat >attrib.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef
    I_STDLIB
#include <stdlib.h>
#endif
#$i_inttypes I_INTTYPES
#ifdef I_INTTYPES
#include <inttypes.h>
#endif
#ifdef INTPTR_MAX
#define intptr_t int
#endif
int null_printf (char* pat,...) __attribute__((__format__(__printf__,1,2)));
int null_printf (char* pat,...) { return (int)(intptr_t)pat; }
int main () { exit(null_printf(NULL)); }
EOCP
if $cc $ccflags -o attrib attrib.c >attrib.out 2>&1 ; then
    : run the executable in case it produces a run-time warning
    if $run ./attrib >>attrib.out 2>&1; then
if $contains 'warning' attrib.out >/dev/null 2>&1; then
    echo "Your C compiler doesn't allow __printf__ format to be null."
    val="$undef"
else
    echo "Your C compiler allows __printf__ format to be null."
    val="$define"
fi
else
    echo "Your C compiler executable failed with __printf__ format null."
    val="$undef"
fi
else
    echo "Your C compiler fails with __printf__ format null."
    val="$undef"

```

```

fi
;;
*) val="$undef" ;;
esac
;;
*)
val="$d_printf_format_null" ;;
esac
set d_printf_format_null
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute malloc
case "$d_attribute_malloc" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((malloc)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
char *go_get_some_memory( int how_many_bytes ) __attribute__((malloc));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
if $contains 'warning' attrib.out >/dev/null 2>&1; then
echo "Your C compiler doesn't support __attribute__((malloc))."
val="$undef"
else
echo "Your C compiler supports __attribute__((malloc))."
val="$define"
fi
else
echo "Your C compiler doesn't seem to understand __attribute__ at all."
val="$undef"
fi
;;
*) val="$d_attribute_malloc" ;;
esac
set d_attribute_malloc
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute nonnull
case "$d_attribute_nonnull" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((nonnull(1))) ..."
>&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>

```

```

void do_something (char *some_pointer,...) __attribute__((nonnull(1)));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
if $contains 'warning' attrib.out >/dev/null 2>&1; then
echo "Your C compiler doesn't support __attribute__((nonnull))."
val="$undef"
else
echo "Your C compiler supports __attribute__((nonnull))."
val="$define"
fi
else
echo "Your C compiler doesn't seem to understand __attribute__ at all."
val="$undef"
fi
;;
*) val="$d_attribute_nonnull" ;;
esac
set d_attribute_nonnull
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute noreturn
case "$d_attribute_noreturn" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((noreturn)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
void fall_over_dead( void ) __attribute__((noreturn));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
if $contains 'warning' attrib.out >/dev/null 2>&1; then
echo "Your C compiler doesn't
support __attribute__((noreturn))."
val="$undef"
else
echo "Your C compiler supports __attribute__((noreturn))."
val="$define"
fi
else
echo "Your C compiler doesn't seem to understand __attribute__ at all."
val="$undef"
fi
;;
*) val="$d_attribute_noreturn" ;;
esac
set d_attribute_noreturn
eval $setvar

```

```
$rm -f attrib*
```

```
: Look for GCC-style attribute pure
```

```
case "$d_attribute_pure" in
```

```
)
```

```
echo " "
```

```
echo "Checking whether your compiler can handle __attribute__((pure)) ..." >&4
```

```
$cat >attrib.c <<'EOCP'
```

```
#include <stdio.h>
```

```
int square( int n ) __attribute__((pure));
```

```
EOCP
```

```
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
```

```
if $contains 'warning' attrib.out >/dev/null 2>&1; then
```

```
echo "Your C compiler doesn't support __attribute__((pure))."
```

```
val="$undef"
```

```
else
```

```
echo "Your C compiler supports __attribute__((pure))."
```

```
val="$define"
```

```
fi
```

```
else
```

```
echo "Your C compiler doesn't seem to understand __attribute__ at all."
```

```
val="$undef"
```

```
fi
```

```
::
```

```
*) val="$d_attribute_pure" ;;
```

```
esac
```

```
set d_attribute_pure
```

```
eval
```

```
$setvar
```

```
$rm -f attrib*
```

```
: Look for GCC-style attribute unused
```

```
case "$d_attribute_unused" in
```

```
)
```

```
echo " "
```

```
echo "Checking whether your compiler can handle __attribute__((unused)) ..." >&4
```

```
$cat >attrib.c <<'EOCP'
```

```
#include <stdio.h>
```

```
int do_something( int dummy __attribute__((unused)), int n );
```

```
EOCP
```

```
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
```

```
if $contains 'warning' attrib.out >/dev/null 2>&1; then
```

```
echo "Your C compiler doesn't support __attribute__((unused))."
```

```
val="$undef"
```

```
else
```

```
echo "Your C compiler supports __attribute__((unused))."
```

```
val="$define"
```

```
fi
```

```

else
echo "Your C compiler doesn't seem to understand __attribute__ at all."
val="$undef"
fi
;;
*) val="$d_attribute_unused" ;;
esac
set d_attribute_unused
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute deprecated
case "$d_attribute_deprecated" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((deprecated)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
int I_am_deprecated(void)
__attribute__((deprecated));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
if $contains 'warning' attrib.out >/dev/null 2>&1; then
echo "Your C compiler doesn't support __attribute__((deprecated))."
val="$undef"
else
echo "Your C compiler supports __attribute__((deprecated))."
val="$define"
fi
else
echo "Your C compiler doesn't seem to understand __attribute__ at all."
val="$undef"
fi
;;
*) val="$d_attribute_deprecated" ;;
esac
set d_attribute_deprecated
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute warn_unused_result
case "$d_attribute_warn_unused_result" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((warn_unused_result)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
int I_will_not_be_ignored(void) __attribute__((warn_unused_result));

```



```

EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
if $contains 'warning' attrib.out >/dev/null 2>&1 ; then
  echo "Your C compiler doesn't support __attribute__((warn_unused_result))."
  val="$undef"
else
  echo
  "Your C compiler supports __attribute__((warn_unused_result))."
  val="$define"
fi
else
  echo "Your C compiler doesn't seem to understand __attribute__ at all."
  val="$undef"
fi
;;
*) val="$d_attribute_warn_unused_result" ;;
esac
set d_attribute_warn_unused_result
eval $setvar
$rm -f attrib*

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_attribut.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: libdbm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libdbm.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:56:57 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:58 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libdbm: test Loc libpth _a
?MAKE: -pick add $@ %<
?S:libdbm:
?S: This variable contains the argument to pass to the loader in order
?S: to get the dbm library routines. If there is no dbm or ndbm

```

```

?S: library, it is null.
?S:.
?T:xxx
:
  see if we should include -ldbm
echo " "
if $test -r /usr/lib/libndbm$_a || $test -r /usr/local/lib/libndbm$_a ; then
  echo "-lndbm found." >&4
  libdbm='-lndbm'
elif $test -r /usr/lib/libdbm$_a || $test -r /usr/local/lib/libdbm$_a ; then
  echo "-ldbm found." >&4
  libdbm='-ldbm'
else
  xxx=`./loc libdbm$_a x $libpth`
  case "$xxx" in
  x)
    echo "No dbm library found." >&4
    libdbm=""
    ;;
  *)
    echo "DBM library found in $xxx." >&4
    libdbm="$xxx"
    ;;
  esac
fi

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libdbm.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Configdir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Configdir.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 14:58:36 ram
?RCS: patch61: have README explicitly mention the package name
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:49 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:

```

```
?MAKE:Configdir: package
?MAKE: -pick add $@ %<
: create .config dir to save info across Configure sessions
test -d ../.config || mkdir ../.config
cat >../.config/README <<EOF
This directory created by Configure to save
information that should
persist across sessions for $package.
```

You may safely delete it if you wish.
EOF

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Configdir.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_itimer.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_itimer.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:25 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_itimer: Inlibc
?MAKE: -pick add $@ %<
?S:d_itimer:
?S: This variable conditionally defines the HAS_ITIMER symbol, which
?S: indicates that the setitimer() routine exists. The setitimer()
?S: routine supports sub-second accuracy for one real-time and two
?S: cpu clocks.
?S:.
?C:HAS_ITIMER (ITIMER):
?C: This symbol, if defined, indicates
that the setitimer() routine exists.
?C:.
?H:#$d_itimer HAS_ITIMER /**/
?H:.
?LINT:set d_itimer
: see if setitimer exists
set setitimer d_itimer
```

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_itimer.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Filexp.U,v \$

?RCS: Revision 3.0.1.2 1994/10/29 15:52:53 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS: patch36: added HOME to the ?T: line since metalint now checks \${HOME}

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 14:03:00 ram

?RCS: patch23: made sure error status from csh is propagated (WED)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:04:53 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit produces a shell script which will expand filenames beginning

?X:

with tildes. The script is deleted at the end of Configure.

?X:

?MAKE:Filexp: startsh sed test expr eunicefix

?MAKE: -pick add \$@ %<

?F:./filexp

?T:HOME LOGDIR dir me name failed

: set up shell script to do ~ expansion

cat >filexp <<EOSS

\$startsh

: expand filename

?X:

?X: The case entries below escape the ~ as some shells have shown expansion

?X: of the ~ during here-doc processing.

?X:

case "\$1" in

|\~*|\~)

echo \ \$1 | \$sed "s|\~|\\${HOME-\\\$LOGDIR}|"


```

?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_isascii.U,v $
?RCS: Revision 3.0.1.2 1994/10/29 16:13:39 ram
?RCS: patch36: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:09:32 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_isascii: Compile cat rm Setvar i_stdlib
?MAKE: -pick add $@ %<
?S:d_isascii:
?S: This variable conditionally defines the HAS_ISASCII constant,
?S: which indicates
to the C program that isascii() is available.
?S:.
?C:HAS_ISASCII:
?C: This manifest constant lets the C program know that isascii
?C: is available.
?C:.
?H:#$d_isascii HAS_ISASCII /**/
?H:.
?LINT:set d_isascii
?X: Can't use Inlibc because isascii() might be a macro.
: Look for isascii
echo " "
$cat >isascii.c <<EOCP
#include <stdio.h>
#include <ctype.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main() {
int c = 'A';
if (isascii(c))
exit(0);
else
exit(1);
}
EOCP
set isascii
if eval $compile; then
echo "isascii() found." >&4
val="$define"
else
echo "isascii() NOT found." >&4

```

```
val="$undef"  
fi  
set d_isascii  
eval $setvar  
$rm -f isascii*
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_isascii.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_stat.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_stat.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:07:28 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_stat: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_stat:
```

```
?S: This variable conditionally defines HAS_STAT if stat() is
```

```
?S: available to get file status.
```

```
?S:.
```

```
?C:HAS_STAT (STAT):
```

```
?C: This symbol, if defined, indicates that the stat routine is
```

```
?C: available to get file status.
```

```
?C:.
```

```
?H:#$d_stat HAS_STAT /**/
```

```
?H:.
```

```
?LINT:set d_stat
```

```
: see if stat exists
```

```
set
```

```
stat d_stat
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_stat.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getcwd: Inlibc
?MAKE: -pick add $@ %<
?S:d_getcwd:
?S: This variable conditionally defines the HAS_GETCWD symbol, which
?S: indicates to the C program that the getcwd() routine is available
?S: to get the current working directory.
?S:.
?C:HAS_GETCWD :
?C: This symbol, if defined, indicates that the getcwd routine is
?C: available to get the current working directory.
?C:.
?H:#$d_getcwd HAS_GETCWD /**/
?H:.
?LINT:set d_getcwd
: see if getcwd exists
set getcwd d_getcwd
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getcwd.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_system.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_system.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:44 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_system: Inlibc
?MAKE: -pick add $@ %<
?S:d_system:
?S: This variable conditionally defines HAS_SYSTEM if system() is

```


?S: available to issue a shell command.

?S:.

?C:HAS_SYSTEM (SYSTEM):

?C: This symbol, if defined, indicates that the system routine is

?C: available to issue a shell command.

?C:.

?H:#\$d_system HAS_SYSTEM /**/

?H:.

?LINT:set

d_system

: see if system exists

set system d_system

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_system.U

No license file was found, but licenses were detected in source scan.

/*

* \$Id: rename.C,v 3.0.1.1 1994/01/24 13:58:42 ram Exp ram \$

*

* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

*

* You may redistribute only under the terms of the Artistic Licence,

* as specified in the README file that comes with the distribution.

* You may reuse parts of this distribution only within the terms of

* that same Artistic Licence; a copy of which may be found at the root

* of the source tree for dist 4.0.

*

* \$Log: rename.C,v \$

* Revision 3.0.1.1 1994/01/24 13:58:42 ram

* patch16: created

*

*/

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/rename.C

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_setitimer: Inlibc
?MAKE: -pick add \$@ %<
?S:d_setitimer:
?S: This variable conditionally defines the HAS_SETITIMER symbol, which
?S: indicates to the C program that the setitimer() routine is available.
?S:.
?C:HAS_SETITIMER:
?C: This symbol, if defined, indicates that the setitimer routine is
?C: available to set interval timers.
?C:.
?H:#\$d_setitimer HAS_SETITIMER /**/
?H:.
?LINT:set d_setitimer
: see if setitimer exists
set setitimer d_setitimer
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_setitimer.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_shm.U,v \$
?RCS: Revision 3.0 1993/08/18 12:07:17 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_shm: test d_shmctl d_shmget d_shmat d_shmdt Setvar Findhdr
?MAKE: -pick add \$@ %<
?S:d_shm:
?S: This variable conditionally defines the HAS_SHM symbol, which
?S: indicates that the entire shm*(2) library is present.
?S:.
?C:HAS_SHM:
?C: This symbol, if defined, indicates that the entire shm*(2) library is
?C: supported.
?C:.
?H:#\$d_shm HAS_SHM /**/
?H:.

```

?T:h_shm
?LINT:set d_shm
:
  see how much of the 'shm*(2)' library is present.
h_shm=true
echo " "
case "$d_shmctl$d_shmget$d_shmat$d_shmdt" in
*"$undef"*) h_shm=false;;
esac
: we could also check for sys/ipc.h ...
if $h_shm && $test `./findhdr sys/shm.h`; then
  echo "You have the full shm*(2) library." >&4
  val="$define"
else
  echo "You don't have the full shm*(2) library." >&4
  val="$undef"
fi
set d_shm
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_shm.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysmman.U,v $
?RCS: Revision 3.0.1.1 1994/01/24 14:11:20 ram
?RCS: patch16: created
?RCS:
?X:
?X: Look wether <sys/mman.h> needs to be included.
?X:
?MAKE:i_sysmman: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysmman:
?S: This variable conditionally defines the I_SYS_MMAN symbol,
?S: and indicates whether a C program should include <sys/mman.h>.
?S:.

```

?C:I_SYS_MMAM:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <sys/mman.h>.

?C:.

?H:#\$i_sysmman I_SYS_MMAM /**/

?H:.

?LINT:set

i_sysmman

: see if sys/mman.h has to be included

set sys/mman.h i_sysmman

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysmman.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_fctime.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_fctime.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:06 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_fctime d_gettimeod: Inlibc Setvar

?MAKE: -pick add \$@ %<

?S:d_fctime:

?S: This variable conditionally defines the HAS_FTIME symbol, which indicates

?S: that the ftime() routine exists. The ftime() routine is basically

?S: a sub-second accuracy clock.

?S:.

?S:d_gettimeod:

?S: This variable conditionally defines the HAS_GETTIMEOFDAY symbol,
which

?S: indicates that the gettimeofday() system call exists (to obtain a

?S: sub-second accuracy clock). You should probably include <sys/resource.h>.

?S:.

?C:HAS_FTIME (FTIMER):

?C: This symbol, if defined, indicates that the ftime() routine exists.

?C: It is basically a sub-second accuracy clock, but is less accurate

?C: than gettimeofday(2) anyway. The type "Timeval" should be used to

```

?C: refer to "struct timeb".
?C:.
?C:HAS_GETTIMEOFDAY (GETTIMEOFDAY):
?C: This symbol, if defined, indicates that the gettimeofday() system
?C: call is available for a sub-second accuracy clock. Usually, the file
?C: <sys/resource.h> needs to be included (see I_SYS_RESOURCE).
?C: The type "Timeval" should be used to refer to "struct timeval".
?C:.
?H:#$d_ftime HAS_FTIME /**/
?H:#$d_gettimeod HAS_GETTIMEOFDAY /**/
?H:?%<:@if HAS_FTIME
?H:?%<:#ifdef HAS_FTIME
?H:?%<:#define Timeval struct timeb /* Structure used by ftime() */
?H:?%<:#endif
?H:?%<:@end
?H:?%<:@if HAS_GETTIMEOFDAY
?H:?%<:#ifdef HAS_GETTIMEOFDAY
?H:?%<:#define
Timeval struct timeval /* Structure used by gettimeofday() */
?H:?%<:#endif
?H:?%<:@end
?H:.
?X:FIXME
?X:?I:?d_ftime:i_systimeb
?X:?I:?d_gettimeod:i_sysresrc
?LINT:set d_gettimeod d_ftime
?LINT:known Timeval
: see if gettimeofday or ftime exists
?X:
?X: Give priority to gettimeofday(2) because timing is more accurate
?X:
set gettimeofday d_gettimeod
eval $inlibc
case "$d_gettimeod" in
"$undef")
set ftime d_ftime
eval $inlibc
;;
*)
val="$undef"; set d_ftime; eval $setvar
;;
esac
case "$d_gettimeod$d_ftime" in
"$undef$undef")
echo " "
echo 'No ftime() nor gettimeofday() -- timing may be less accurate.' >&4
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ftime.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_limits.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_limits.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:20 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i_limits: Inhdr

?MAKE: -pick add \$@ %<

?S:i_limits:

?S: This variable conditionally defines the I_LIMITS symbol, and indicates

?S: whether a C program may include <limits.h> to get symbols like WORD_BIT

?S: and friends.

?S:.

?C:I_LIMITS:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <limits.h> to

get definition of symbols like WORD_BIT or

?C: LONG_MAX, i.e. machine dependant limitations.

?C:.

?H:#\$i_limits I_LIMITS /**/

?H:.

?LINT:set i_limits

: see if this is a limits.h system

set limits.h i_limits

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_limits.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_mktime.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: \$Log: d_mktime.U,v \$
?RCS: Revision 3.0.1.1 1994/08/29 16:09:44 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_mktime: Inlibc
?MAKE: -pick add \$@ %<
?S:d_mktime:
?S: This variable conditionally defines the HAS_MKTIME symbol, which
?S: indicates to the C program that the mktime() routine is available.
?S:.
?C:HAS_MKTIME :
?C: This symbol, if defined, indicates that the mktime routine
is
?C: available.
?C:.
?H:#\$d_mktime HAS_MKTIME /**/
?H:.
?LINT:set d_mktime
: see if mktime exists
set mktime d_mktime
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mktime.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vendorscript.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$
?RCS:
?RCS: Copyright (c) 1999, Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: vendorscript.U,v \$
?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?MAKE:d_vendorscript vendorscript vendorscriptexp installvendorscript: Getfile \
 vendorbin cat Setprefixvar Oldconfig Prefixit test vendorprefix

?MAKE: -pick add \$@ %<

?Y:TOP

?S:vendorscript:

?S: This variable contains the eventual value of the VENDORSRIPT symbol.

?S: It may have a ~ on the front.

?S: The standard distribution will put nothing in this
 directory.

?S: Vendors who distribute perl may wish to place additional
 ?S: executable scripts in this directory with
 ?S: MakeMaker Makefile.PL INSTALLDIRS=vendor
 ?S: or equivalent. See INSTALL for details.

?S:.

?S:vendorscriptexp:

?S: This variable is the ~name expanded version of vendorscript, so that you
 ?S: may use it directly in Makefiles or shell scripts.

?S:.

?D:installvendorscript="

?S:installvendorscript:

?S: This variable is really the same as vendorscriptexp but may differ on
 ?S: those systems using AFS. For extra portability, only this variable
 ?S: should be used in makefiles.

?S:.

?S:d_vendorscript:

?S: This variable conditionally defines PERL_VENDORSRIPT.

?S:.

?C:PERL_VENDORSRIPT:

?C: If defined, this symbol contains the name of a directory
 ?C: for holding vendor-supplied executable scripts.
 ?C: It may have a ~ on the front.
 ?C: The standard distribution will put nothing in this directory.
 ?C: Vendors who distribute perl may wish to place additional
 ?C: executable
 scripts in this directory with
 ?C: MakeMaker Makefile.PL INSTALLDIRS=vendor
 ?C: or equivalent. See INSTALL for details.

?C:.

?C:PERL_VENDORSRIPT_EXP:

?C: This symbol contains the ~name expanded version of VENDORSRIPT, to be used
 ?C: in programs that are not prepared to deal with ~ expansion at run-time.

?C:.

?H:#\$d_vendorscript PERL_VENDORSRIPT "\$vendorscript" /**/
 ?H:#\$d_vendorscript PERL_VENDORSRIPT_EXP "\$vendorscriptexp" /**/
 ?H:.

?LINT:change prefixvar


```

?LINT:set installvendorscript
: Set the vendorscript variables
case "$vendorprefix" in
") d_vendorscript="$undef"
vendorscript="
vendorscriptexp="
;;
*) d_vendorscript="$define"
: determine where vendor-supplied scripts go.
case "$vendorscript" in
") dflt=$vendorprefix/script
$test -d $dflt || dflt=$vendorbin ;;
*) dflt="$vendorscript" ;;
esac
$cat <<EOM

```

The installation process will create a directory for vendor-supplied scripts.

```

EOM
fn=d~+
rp='Pathname for the vendor-supplied scripts directory?'
./getfile
vendorscript="$ans"
vendorscriptexp="$ansexp"
;;
esac
prefixvar=vendorscript
.
./installprefix

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorscript.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_dbm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_dbm.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:48:20 ram

```

```

?RCS: patch61: added I_RPCSVCS_DBM check
?RCS:
?RCS: Revision 3.0.1.1 1995/05/12 12:16:05 ram
?RCS: patch54: made more robust by checking both header and lib (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:15 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_dbm i_rpcsvcdbm: Inhdr Inlibc Setvar
?MAKE: -pick add $@ %<
?S:i_dbm (d_odbm):
?S: This variable conditionally defines
the I_DBM symbol, which
?S: indicates to the C program that <dbm.h> exists and should
?S: be included.
?S:.
?S:i_rpcsvcdbm:
?S: This variable conditionally defines the I_RPCSVCS_DBM symbol, which
?S: indicates to the C program that <rpcsvc/dbm.h> exists and should
?S: be included. Some System V systems might need this instead of <dbm.h>.
?S:.
?C:I_DBM (HAS_ODBM ODBM):
?C: This symbol, if defined, indicates that <dbm.h> exists and should
?C: be included.
?C:.
?C:I_RPCSVCS_DBM:
?C: This symbol, if defined, indicates that <rpcsvc/dbm.h> exists and
?C: should be included.
?C:.
?H:#$i_dbm I_DBM /**/
?H:#$i_rpcsvcdbm I_RPCSVCS_DBM /**/
?H:.
?T:d_dbmclose
?LINT:set i_dbm i_rpcsvcdbm
: see if dbm.h is available
?X: We might just have the header, not the library.
?X: We look for dbmclose() rather than dbmopen() because
?X: some versions of SCO Unix have -ldb, but are missing dbmclose(). -- ADO
?X: Some System V systems have <rpcsvc/dbm.h> instead of <dbm.h>.
: see if dbmclose exists
set dbmclose
d_dbmclose
eval $inlibc

case "$d_dbmclose" in
$define)
set dbm.h i_dbm
eval $inhdr

```

```

case "$i_dbm" in
$define)
val="$undef"
set i_rpcsvcdbm
eval $setvar
;;
*) set rpcsvc/dbm.h i_rpcsvcdbm
eval $inhdr
;;
esac
;;
*) echo "We won't be including <dbm.h>"
val="$undef"
set i_dbm
eval $setvar
val="$undef"
set i_rpcsvcdbm
eval $setvar
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_dbm.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: cppstdin.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cppstdin.U,v $
?RCS: Revision 3.0.1.4 1994/10/29 16:08:34 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.3 1994/01/24 14:05:38 ram
?RCS: patch16: comment for CPPLAST was missing
?RCS:
?RCS: Revision 3.0.1.2 1993/12/15 08:18:58 ram
?RCS: patch15: new variables cpprun and cpplast, guaranteed wrapper-free
?RCS: patch15: cppstdin now tries to use cc, even at the cost of a wrapper
?RCS:
?RCS: Revision 3.0.1.1

```

1993/08/25 14:00:53 ram

?RCS: patch6: remove wrapper when not actually used

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:38 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:cppstdin cppminus cpprun cpplast: contains test \
Myread Oldconfig Loc cpp +cc rm hint osname gccversion

?MAKE: -pick add \$@ %<

?S:cppstdin:

?S: This variable contains the command which will invoke the C

?S: preprocessor on standard input and put the output to stdout.

?S: It is primarily used by other Configure units that ask about

?S: preprocessor symbols.

?S:.

?S:cppminus:

?S: This variable contains the second part of the string which will invoke

?S: the C preprocessor on the standard input and produce to standard

?S: output. This variable will have the value "-" if cppstdin needs

?S: a minus to specify standard input, otherwise the value is "".

?S:.

?S:cpprun:

?S: This variable contains the command which will invoke a C preprocessor

?S: on standard input and put the output to stdout. It is guaranteed

?S: not

?S: to be a wrapper and may be a null string if no preprocessor can be

?S: made directly available. This preprocessor might be different from the

?S: one used by the C compiler. Don't forget to append cpplast after the

?S: preprocessor options.

?S:.

?S:cpplast:

?S: This variable has the same functionality as cppminus, only it applies

?S: to cpprun and not cppstdin.

?S:.

?C:CPPSTDIN:

?C: This symbol contains the first part of the string which will invoke

?C: the C preprocessor on the standard input and produce to standard

?C: output. Typical value of "cc -E" or "/lib/cpp", but it can also

?C: call a wrapper. See CPPRUN.

?C:.

?C:CPPMINUS:

?C: This symbol contains the second part of the string which will invoke

?C: the C preprocessor on the standard input and produce to standard

?C: output. This symbol will have the value "-" if CPPSTDIN needs a minus

?C: to specify standard input, otherwise the value is "".

?C:.

?C:CPPRUN:

?C: This symbol contains the string which will invoke

```

a C preprocessor on
?C: the standard input and produce to standard output. It needs to end
?C: with CPPLAST, after all other preprocessor flags have been specified.
?C: The main difference with CPPSTDIN is that this program will never be a
?C: pointer to a shell wrapper, i.e. it will be empty if no preprocessor is
?C: available directly to the user. Note that it may well be different from
?C: the preprocessor used to compile the C program.
?C:.
?C:CPPLAST:
?C: This symbol is intended to be used along with CPPRUN in the same manner
?C: symbol CPPMINUS is used with CPPSTDIN. It contains either "-" or "".
?C:.
?H:#define CPPSTDIN "$cppstdin"
?H:#define CPPMINUS "$cppminus"
?H:#define CPPRUN "$cpprun"
?H:#define CPPLAST "$cpplast"
?H:.
?F:cppstdin !testcpp.out !testcpp.c
?T:wrapper x_cpp x_minus ok
?LINT:extern cppflags
: see how we invoke the C preprocessor
echo " "
echo "Now, how can we feed standard input to your C preprocessor..." >&4
cat <<'EOT' >testcpp.c
#define ABC abc
#define
XYZ xyz
ABC.XYZ
EOT
cd ..
if test ! -f cppstdin; then
if test "X$name" = "Xaix" -a "X$gccversion" = X; then
# AIX cc -E doesn't show the absolute headerfile
# locations but we'll cheat by using the -M flag.
echo 'cat >.$$.c; rm -f .$$.u; ""$cc" ${1+"$@"} -M -c .$$.c 2>/dev/null; test -s .$$.u && awk ""$2 ~ /\.h$/ { print
"# 0 \\"$2\\"" } "" "" .$$.u; rm -f .$$.o .$$.u; ""$cc" -E ${1+"$@"} .$$.c; rm .$$.c' > cppstdin
else
echo 'cat >.$$.c; ""$cc $cppflags" -E ${1+"$@"} .$$.c; rm .$$.c' >cppstdin
fi
else
echo "Keeping your $hint cppstdin wrapper."
fi
chmod 755 cppstdin
wrapper=`pwd`/cppstdin
ok='false'
cd UU

?X:

```

```

?X: We'll run the cpp tests again if we don't have any valid C preprocessor
?X: yet or don't know how to proceed without a wrapper (in which case cprun
?X: is empty and that's really annoying...)
?X:
if $test "X$cppstdin" != "X" && \
  $cppstdin $cppminus <testcpp.c >testcpp.out 2>&1 && \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
then
  echo "You used
  to use $cppstdin $cppminus so we'll use that again."
  case "$cprun" in
  *) echo "But let's see if we can live without a wrapper..." ;;
  *)
  if $cprun $cpplast <testcpp.c >testcpp.out 2>&1 && \
    $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
  then
    echo "(And we'll use $cprun $cpplast to preprocess directly.)"
    ok='true'
  else
    echo "(However, $cprun $cpplast does not work, let's see...)"
  fi
  ;;
esac
else
  case "$cppstdin" in
  *) ;;
  *)
  echo "Good old $cppstdin $cppminus does not seem to be of any help..."
  ;;
esac
fi

if $ok; then
  : nothing
elif echo 'Maybe ""$cc" -E" will work...'; \
  $cc -E <testcpp.c >testcpp.out 2>&1; \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
  echo "Yup, it does."
  x_cpp="$cc $cppflags -E"
  x_minus="";
elif echo 'Nope...maybe ""$cc" -E -" will work...'; \
  $cc -E - <testcpp.c >testcpp.out 2>&1; \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
  echo "Yup, it does."
  x_cpp="$cc $cppflags -E"
  x_minus='-';
elif

```

```

echo 'Nope...maybe ""$cc" -P" will work...'; \
$cc -P <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "Yipee, that works!"
x_cpp="$cc $cppflags -P"
x_minus="";
elif echo 'Nope...maybe ""$cc" -P -" will work...'; \
$cc -P - <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "At long last!"
x_cpp="$cc $cppflags -P"
x_minus='-';
elif echo 'No such luck, maybe "$cpp" will work...'; \
$cpp <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "It works!"
x_cpp="$cpp $cppflags"
x_minus="";
elif echo 'Nixed again...maybe "$cpp' -" will work...'; \
$cpp - <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "Hooray, it works! I was beginning to wonder."
x_cpp="$cpp $cppflags"
x_minus='-';
elif echo 'Uh-uh. Time to get fancy. Trying a wrapper...'; \
$wrapper <testcpp.c >testcpp.out 2>&1; \
$contains
'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
x_cpp="$wrapper"
x_minus="
echo "Eureka!"
else
dflt="
rp="No dice. I can't find a C preprocessor. Name one:"
./myread
x_cpp="$ans"
x_minus="
$x_cpp <testcpp.c >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "OK, that will do." >&4
else
echo "Sorry, I can't get that to work. Go find one and rerun Configure." >&4
exit 1
fi
fi

case "$ok" in
false)

```

```
cppstdin="$x_cpp"
cppminus="$x_minus"
cpprun="$x_cpp"
cpplast="$x_minus"
```

?X:

?X: If /lib/cpp is used, try using a wrapper to increase our chances to have
?X: the C compiler and our \$cppstdin agree on the same symbols... However,
?X: since cpprun is guaranteed not to be a wrapper, we must clear it if the
?X: only preprocessor we found was a wrapper, with all our luck...

?X:

```
set X $x_cpp
shift
case "$1" in
"$cpp")
echo "Perhaps can we force $cc -E using a wrapper..."
if $wrapper <testcpp.c >testcpp.out 2>&1; \
  $contains 'abc.*xyz'
testcpp.out >/dev/null 2>&1
then
echo "Yup, we can."
cppstdin="$wrapper"
cppminus="";
else
echo "Nope, we'll have to live without it..."
fi
;;
esac
case "$cpprun" in
"$wrapper")
cpprun="
cpplast="
;;
esac
;;
esac

case "$cppstdin" in
"$wrapper"|'cppstdin') ;;
*) $rm -f $wrapper;;
esac
$rm -f testcpp.c testcpp.out
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/cppstdin.U

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_eofpipe.U,v \$
?RCS: Revision 3.0.1.1 1994/10/29 16:12:40 ram
?RCS: patch36: call ./bsd explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:57 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_eofpipe: cat +cc +ccflags +libs rm Oldconfig Guess echo n c
?MAKE: -pick add \$@ %<
?S:d_eofpipe:
?S: This variable conditionally defines the EOFPIPE symbol, which
?S: indicates to the C program that select will correctly detect the EOF
?S: condition when pipe
is closed from the other end.
?S:.
?C:EOFPIPE:
?C: This symbol, if defined, indicates that EOF condition will be detected
?C: by the reader of the pipe when it is closed by the writing process.
?C: That is, a select() call on that file descriptor will not block when
?C: only an EOF remains (typical behaviour for BSD systems).
?C:.
?H:#\$d_eofpipe EOFPIPE /**/
?H:.
?F:!mpipe
: see if pipe correctly gives the EOF condition
echo " "
case "\$d_eofpipe" in
")
echo "Let's see if your pipes return EOF to select() upon closing..." >&4
\$cat >pipe.c <<'EOP'
int main()
{
int pd[2];
int mask;

pipe(pd);
if (0 == fork()) {
close(pd[0]);
close(pd[1]);

```
exit(0);
}
```

```
close(pd[1]);
mask = 1 << pd[0];
alarm(2);
select(32, &mask, (int *) 0, (int *) 0, (char *) 0);
if (0 == read(pd[0], &mask, 1))
    exit(0);
```

```
exit(1);
}
```

EOP

```
if $cc $ccflags -o pipe pipe.c $libs >/dev/null 2>&1; then
```

```
?X: Use a script to avoid the possible 'alarm call' message
```

```
echo "./pipe || exit 1" > mpipe
```

```
chmod +x
```

```
mpipe
```

```
./mpipe >/dev/null 2>&1
```

```
case $? in
```

```
0) d_eofpipe="$define";;
```

```
*) d_eofpipe="$undef";;
```

```
esac
```

```
else
```

```
echo "(The test program did not compile correctly -- Guessing.)"
```

```
if ./bsd; then
```

```
    d_eofpipe="$define"
```

```
else
```

```
    d_eofpipe="$undef"
```

```
fi
```

```
fi
```

```
case "$d_eofpipe" in
```

```
"$define") echo "Yes, they do.";;
```

```
*) echo "No, they don't! (sigh)";;
```

```
esac
```

```
::
```

```
*)
```

```
$echo $n "Your pipes $c"
```

```
case "$d_eofpipe" in
```

```
"$define") echo "allow select() to see EOF upon closing.";;
```

```
*) echo "won't let select() see EOF on closing.";;
```

```
esac
```

```
::
```

```
esac
```

```
$rm -f *pipe* core
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/dist/U/d_eofpipe.U

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?RCS:

?RCS: \$Log: d_sem.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:03 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_sem: test d_semctl d_semget d_semop Setvar Findhdr osname

?MAKE: -pick add \$@ %<

?S:d_sem:

?S: This variable conditionally defines the HAS_SEM symbol, which

?S: indicates that the entire sem*(2) library is present.

?S:.

?C:HAS_SEM:

?C: This symbol, if defined, indicates that the entire sem*(2) library is

?C: supported.

?C:.

?H:#\$d_sem HAS_SEM /**/

?H:.

?T:h_sem

?LINT:set d_sem

:

see how much of the 'sem*(2)' library is present.

h_sem=true

echo " "

case "\$d_semctl\$d_semget\$d_semop" in

"\$undef") h_sem=false;;

esac

case "\$osname" in

freebsd)

case "`ipcs 2>&1`" in

"SVID messages"*"not configured"*)

echo "Your \$osname does not have the sem*(2) configured." >&4

h_sem=false

val="\$undef"

set semctl d_semctl

eval \$setvar

set semget d_semget

```

eval $setvar
set semop d_semop
eval $setvar
;;
esac
;;
esac
: we could also check for sys/ipc.h ...
if $h_sem && $test `./findhdr sys/sem.h`; then
echo "You have the full sem*(2) library." >&4
val="$define"
else
echo "You don't have the full sem*(2) library." >&4
val="$undef"
fi
set d_sem
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sem.U
```

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?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_isascii.U,v \$

?RCS: Revision 3.0.1.2 1994/10/29 16:13:39 ram

?RCS: patch36: added 'ldflags' to the test compile line (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:09:32 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d_isascii: cc cat ccflags ldflags rm libs Setvar

?MAKE: -pick add \$@ %<

?S:d_isascii:

?S: This variable conditionally defines the HAS_ISASCII constant,

?S: which indicates to the C program that isascii()

is available.

?S:.

?C:HAS_ISASCII:

?C: This manifest constant lets the C program know that isascii

?C: is available.

?C:.

?H:#\$d_isascii HAS_ISASCII /**/

?H:.

?LINT:set d_isascii

?X: Can't use Inlibc because isascii() might be a macro.

: Look for isascii

echo " "

\$cat >isascii.c <<'EOCP'

#include <stdio.h>

#include <ctype.h>

int main() {

int c = 'A';

if (isascii(c))

exit(0);

else

exit(1);

}

EOCP

if \$cc \$ccflags \$ldflags -o isascii isascii.c \$libs >/dev/null 2>&1 ; then

echo "isascii() found." >&4

val="\$define"

else

echo "isascii() NOT found." >&4

val="\$undef"

fi

set d_isascii

eval \$setvar

\$rm -f isascii*

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_isascii.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_poll.U,v \$

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?RCS:

?MAKE:i_langinfo: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_langinfo:
?S: This variable conditionally defines the I_LANGINFO symbol,
?S: and indicates whether a C program should include <langinfo.h>.
?S:.
?C:I_LANGINFO:
?C: This symbol, if defined, indicates that <langinfo.h> exists and
?C: should be included.
?C:.
?H:#\$i_langinfo I_LANGINFO /**/
?H:.
?LINT:set i_langinfo
: see if this is a langinfo.h system
set langinfo.h i_langinfo
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_langinfo.U

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Tye McQueen <tye@metronet.com>
?RCS:
?RCS: \$Log: d_stdstdio.U,v \$
?RCS: Revision 3.0.1.3 1997/02/28 15:46:32 ram
?RCS: patch61: merged with perl5's unit
?RCS:
?RCS: Revision 3.0.1.2 1995/07/25 14:06:54 ram
?RCS: patch56: typo fix on ?C: line for FILE_bufsiz
?RCS: patch56: fixed unbalanced parenthesis (ADO)
?RCS: patch56: check whether FILE_cnt and FILE_ptr can be assigned to (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1995/05/12 12:12:11 ram
?RCS: patch54: complete rewrite by Tye McQueen
to fit modern systems
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:31 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:

```
?MAKE:d_stdstdio d_stdibase stdio_ptr stdio_cnt stdio_base \
stdio_bufsiz d_stdio_cnt_lval d_stdio_ptr_lval stdio_filbuf: cat \
+cc +ccflags contains +ldflags +libs rm_try \
Setvar Findhdr Oldconfig
?MAKE: -pick add $@ %<
?S:d_stdstdio:
?S: This variable conditionally defines USE_STDIO_PTR if this system
?S: has a FILE structure declaring usable _ptr and _cnt fields (or
?S: equivalent) in stdio.h.
?S:.
?S:stdio_ptr:
?S: This variable defines how, given a FILE pointer, fp, to access the
?S: _ptr field (or equivalent) of stdio.h's FILE structure. This will
?S: be used to define the macro FILE_ptr(fp).
?S:.
?S:d_stdio_ptr_lval:
?S: This variable conditionally defines STDIO_PTR_LVALUE if the
?S: FILE_ptr macro can be used as an lvalue.
?S:.
?S:stdio_cnt:
?S: This variable defines how, given a FILE pointer, fp, to access the
?S: _cnt field (or equivalent) of
?S: stdio.h's FILE structure. This will
?S: be used to define the macro FILE_cnt(fp).
?S:.
?S:d_stdio_cnt_lval:
?S: This variable conditionally defines STDIO_CNT_LVALUE if the
?S: FILE_cnt macro can be used as an lvalue.
?S:.
?S:stdio_filbuf:
?S: This variable defines how, given a FILE pointer, fp, to tell
?S: stdio to refill it's internal buffers (?). This will
?S: be used to define the macro FILE_filbuf(fp).
?S:.
?S:d_stdibase:
?S: This variable conditionally defines USE_STDIO_BASE if this system
?S: has a FILE structure declaring a usable _base field (or equivalent)
?S: in stdio.h.
?S:.
?S:stdio_base:
?S: This variable defines how, given a FILE pointer, fp, to access the
?S: _base field (or equivalent) of stdio.h's FILE structure. This will
?S: be used to define the macro FILE_base(fp).
?S:.
?S:stdio_bufsiz:
?S: This variable defines how, given a FILE pointer, fp, to determine
?S: the number of bytes store in the I/O buffer pointer to by the
?S: _base field (or equivalent) of stdio.h's
```

FILE structure. This will

?S: be used to define the macro FILE_bufsiz(fp).

?S:.

?C:USE_STDIO_PTR ~ d_stdstdio (USE_STD_STDIO STDSTDIO):

?C: This symbol is defined if the _ptr and _cnt fields (or similar)

?C: of the stdio FILE structure can be used to access the stdio buffer

?C: for a file handle. If this is defined, then the FILE_ptr(fp)

?C: and FILE_cnt(fp) macros will also be defined and should be used

?C: to access these fields.

?C:.

?C:FILE_ptr:

?C: This macro is used to access the _ptr field (or equivalent) of the

?C: FILE structure pointed to by its argument. This macro will always be

?C: defined if USE_STDIO_PTR is defined.

?C:.

?C:STDIO_PTR_LVALUE:

?C: This symbol is defined if the FILE_ptr macro can be used as an

?C: lvalue.

?C:.

?C:FILE_cnt:

?C: This macro is used to access the _cnt field (or equivalent) of the

?C: FILE structure pointed to by its argument. This macro will always be

?C: defined if USE_STDIO_PTR is defined.

?C:.

?C:STDIO_CNT_LVALUE:

?C: This symbol is defined

if the FILE_cnt macro can be used as an

?C: lvalue.

?C:.

?C:FILE_filbuf:

?C: This macro is used to access the internal stdio _filbuf function

?C: (or equivalent), if STDIO_CNT_LVALUE and STDIO_PTR_LVALUE

?C: are defined. It is typically either _filbuf or __filbuf.

?C: This macro will only be defined if both STDIO_CNT_LVALUE and

?C: STDIO_PTR_LVALUE are defined.

?C:.

?H:?d_stdstdio:#\$d_stdstdio USE_STDIO_PTR /**/

?H:?d_stdstdio:#ifdef USE_STDIO_PTR

?H:#define FILE_ptr(fp) \$stdio_ptr

?H:#\$d_stdio_ptr_lval STDIO_PTR_LVALUE /**/

?H:#define FILE_cnt(fp) \$stdio_cnt

?H:#\$d_stdio_cnt_lval STDIO_CNT_LVALUE /**/

?H:?d_stdstdio:#if defined(STDIO_PTR_LVALUE) && defined(STDIO_CNT_LVALUE)

?H:#define FILE_filbuf(fp) \$stdio_filbuf /**/

?H:?d_stdstdio:#endif

?H:?d_stdstdio:#endif

?H:.

?W:d_stdstdio:FILE_ptr FILE_cnt FILE_filbuf


```

?C:USE_STDIO_BASE ~ d_stdibase:
?C: This symbol is defined if the _base field (or similar) of the
?C: stdio FILE structure can be used to access the stdio buffer
for
?C: a file handle. If this is defined, then the FILE_base(fp) macro
?C: will also be defined and should be used to access this field.
?C: Also, the FILE_bufsiz(fp) macro will be defined and should be used
?C: to determine the number of bytes in the buffer. USE_STDIO_BASE
?C: will never be defined unless USE_STDIO_PTR is.
?C:.
?C:FILE_base:
?C: This macro is used to access the _base field (or equivalent) of the
?C: FILE structure pointed to by its argument. This macro will always be
?C: defined if USE_STDIO_BASE is defined.
?C:.
?C:FILE_bufsiz:
?C: This macro is used to determine the number of bytes in the I/O
?C: buffer pointed to by _base field (or equivalent) of the FILE
?C: structure pointed to its argument. This macro will always be defined
?C: if USE_STDIO_BASE is defined.
?C:.
?H:?d_stdibase:#$d_stdibase USE_STDIO_BASE /**/
?H:?d_stdibase:#ifdef USE_STDIO_BASE
?H:#define FILE_base(fp) $stdio_base
?H:#define FILE_bufsiz(fp) $stdio_bufsiz
?H:?d_stdibase:#endif
?H:.
?W:d_stdibase:FILE_base
FILE_bufsiz
?LINT:set d_stdstdio d_stdibase
?T:ptr_lval cnt_lval filbuf xxx
?F:!try
: see if _ptr and _cnt from stdio act std
echo " "
if $contains '_IO_fpos_t' `./findhdr stdio.h` >/dev/null 2>&1 ; then
echo "(Looks like you have stdio.h from Linux.)"
case "$stdio_ptr" in
") stdio_ptr='(fp)->_IO_read_ptr)'
ptr_lval=$define
;;
*) ptr_lval=$d_stdio_ptr_lval;;
esac
case "$stdio_cnt" in
") stdio_cnt='(fp)->_IO_read_end - (fp)->_IO_read_ptr)'
cnt_lval=$undef
;;
*) cnt_lval=$d_stdio_cnt_lval;;
esac

```

```

case "$stdio_base" in
") stdio_base='((fp)->_IO_read_base)';;
esac
case "$stdio_bufsiz" in
") stdio_bufsiz='((fp)->_IO_read_end - (fp)->_IO_read_base)';;
esac
else
case "$stdio_ptr" in
") stdio_ptr='((fp)->_ptr)'
ptr_lval=$define
;;
*) ptr_lval=$d_stdio_ptr_lval;;
esac
case "$stdio_cnt" in
") stdio_cnt='((fp)->_cnt)'
cnt_lval=$define
;;
*) cnt_lval=$d_stdio_cnt_lval;;
esac
case "$stdio_base" in
") stdio_base='((fp)->_base)';;
esac
case
"$stdio_bufsiz" in
") stdio_bufsiz='((fp)->_cnt + (fp)->_ptr - (fp)->_base)';;
esac
fi
: test whether _ptr and _cnt really work
echo "Checking how std your stdio is..." >&4
$cat >try.c <<EOP
#include <stdio.h>
#define FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
int main() {
FILE *fp = fopen("try.c", "r");
char c = getc(fp);
if (
18 <= FILE_cnt(fp) &&
strncmp(FILE_ptr(fp), "include <stdio.h>\n", 18) == 0
)
exit(0);
exit(1);
}
EOP
val="$undef"
if $cc $ccflags $ldflags -o try try.c $libs >/dev/null 2>&1; then
if ./try; then
echo "Your stdio acts pretty std."

```

```

    val="$define"
else
    echo "Your stdio isn't very std."
fi
else
    echo "Your stdio doesn't appear very std."
fi
$rm_try
set d_stdstdio
eval $setvar

@if STDIO_PTR_LVALUE || d_stdio_ptr_lval
: Can _ptr be used as an lvalue?
?X: Only makes sense if we have a known stdio implementation.
case "$d_stdstdio$ptr_lval" in
$define$define) val=$define ;;
*) val=$undef ;;
esac
set d_stdio_ptr_lval
eval
$setvar

@end

@if STDIO_CNT_LVALUE || d_stdio_cnt_lval
: Can _cnt be used as an lvalue?
?X: Only makes sense if we have a known stdio implementation.
case "$d_stdstdio$cnt_lval" in
$define$define) val=$define ;;
*) val=$undef ;;
esac
set d_stdio_cnt_lval
eval $setvar

@end

@if FILE_filbuf
: How to access the stdio _filbuf or __filbuf function.
: If this fails, check how the getc macro in stdio.h works.
case "${d_stdio_ptr_lval}${d_stdio_cnt_lval}" in
${define}${define})
: Try hint value, if any, then _filbuf, __filbuf, _fill, then punt.
: _fill is for OS/2.
xxx='notok'
for filbuf in $stdio_filbuf '_filbuf(fp)' '__filbuf(fp)' '_fill(fp)'; do
$cat >try.c <<EOP
#include <stdio.h>
#define FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
#define FILE_filbuf(fp) $filbuf

```

```

int main() {
FILE *fp = fopen("try.c", "r");
int c;
c = getc(fp);
c = FILE_filbuf(fp); /* Just looking for linker errors.*/
exit(0);
}
EOP
if $cc $ccflags $ldflags -o try try.c $libs >/dev/null 2>&1 &&
./try; then
echo "Your stdio appears to use $filbuf"
stdio_filbuf="$filbuf"
xxx='ok'
break
else
echo "Hmm. $filbuf doesn't seem to work."
fi
$rm_try
done
case "$xxx" in
notok) echo "I can't figure out how to access _filbuf"
echo "I'll just have to work around it."
d_stdio_ptr_lval="$undef"
d_stdio_cnt_lval="$undef"
;;
esac
;;
esac
@end
@if d_stdibase || USE_STDIO_BASE || FILE_base || FILE_bufsiz
: see if _base is also standard
val="$undef"
case "$d_stdstdio" in
$define)
$cat >try.c <<EOP
#include <stdio.h>
#define FILE_base(fp) $stdio_base
#define FILE_bufsiz(fp) $stdio_bufsiz
int main() {
FILE *fp = fopen("try.c", "r");
char c = getc(fp);
if (
19 <= FILE_bufsiz(fp) &&
strncmp(FILE_base(fp), "#include <stdio.h>\n", 19) == 0
)
exit(0);
exit(1);
}

```

```

EOP
if $cc $ccflags $ldflags -o try try.c $libs > /dev/null 2>&1; then
if ./try; then
echo "And its _base field acts std."
val="$define"
else
echo "But its _base field isn't std."
fi
else
echo
"However, it seems to be lacking the _base field."
fi
$rm_try
;;
esac
set d_stdiobase
eval $setvar

@end

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_stdstdio.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_raster.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_raster.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:50 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_raster rasterlib: cat test Setvar Myread Oldconfig
?MAKE: -pick add $@ %<
?S:d_raster:
?S: Conditionally defines RASTER_TEK if this is a raster tech machine.
?S:.
?S:rasterlib (d_rasterlib):
?S: Set to the needed compile flag if this is a raster tech machine.
?S: It is up to the Makefile to use this variable.
?S:.

```

```

?C:RASTER_TEK:
?C: Defined
    if this is a rastertech machine.
?C:.
?H:#$d_raster RASTER_TEK /**/
?H:.
?LINT:set d_raster
: See if this is a raster tech machine.
val="$undef"
rasterlib=""
if $test -r /dev/mirage; then
    $cat <<'EOM'

```

You seem to have a mirage device... this is normally associated with a raster technologies graphics workstation. If this is right, you may want to use raster tech in this program.

```

EOM
dflt=y
case "$d_raster" in
"$undef") dflt=n;;
esac
rp='Use raster tech?'
. ./myread
case "$ans" in
y*) val="$define";;
esac
fi
set d_raster
eval $setvar

case "$d_raster" in
"$define") rasterlib='-lphigs';;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_raster.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: uidtype.U,v 3.0.1.3 1994/08/29 16:33:25 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root

```

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: uidtype.U,v \$

?RCS: Revision 3.0.1.3 1994/08/29 16:33:25 ram

?RCS: patch32: now uses new Typedef unit to compute type information

?RCS:

?RCS: Revision 3.0.1.2 1994/06/20 07:09:36 ram

?RCS: patch30: comment for uidtype referred to the obsoleted symbol

?RCS:

?RCS: Revision 3.0.1.1 1994/05/13 15:28:27 ram

?RCS: patch27: made conformant to its gidtype.U companion

?RCS: patch27: question now explicitly mentions getuid()

?RCS:

?RCS: Revision 3.0 1993/08/18
12:09:56 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:uidtype: Myread Typedef Findhdr

?MAKE: -pick add \$@ %<

?S:uidtype:

?S: This variable defines Uid_t to be something like uid_t, int,
?S: ushort, or whatever type is used to declare user ids in the kernel.

?S:.

?C:Uid_t (UIDTYPE):

?C: This symbol holds the type used to declare user ids in the kernel.

?C: It can be int, ushort, uid_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.

?C:.

?H:#define Uid_t \$uidtype /* UID type */

?H:.

?T:xxx

: see what type uids are declared as in the kernel

echo " "

echo "Looking for the type for user ids returned by getuid()."

set uid_t uidtype xxx stdio.h sys/types.h

eval \$typedef

case "\$uidtype" in

xxx)

xxx=`./findhdr sys/user.h`

set `grep '_ruuid;' "\$xxx" 2>/dev/null` unsigned short

case \$1 in

unsigned) dflt="\$1 \$2" ;;

*) dflt="\$1" ;;

esac

;;

*) dflt="\$uidtype";;

esac

case "\$uidtype" in

```
uid_t) echo "uid_t found." ;;
*) rp="What
is the type for user ids returned by getuid()?"
./myread
uidtype="$ans"
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/uidtype.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_termio.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_termio.U,v $
?RCS: Revision 3.0.1.4 1994/10/29 16:20:54 ram
?RCS: patch36: call ./usg and ./Cpplib explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0.1.3 1994/08/29 16:26:38 ram
?RCS: patch32: don't include all three I_* symbols in config.h
?RCS: patch32: (had forgotten to undo this part last time)
?RCS:
?RCS: Revision 3.0.1.2 1994/05/13 15:25:03 ram
?RCS: patch27: undone ADO's fix in previous patch since it was useless
?RCS:
?RCS:
Revision 3.0.1.1 1994/05/06 15:05:23 ram
?RCS: patch23: now include all three defines in config.h (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:44 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_termio i_sgtty i_termios: test Inlibc Cpplib Guess Setvar Findhdr Warn run
?MAKE: -pick add $@ %<
?S:i_termio:
?S: This variable conditionally defines the I_TERMIO symbol, which
?S: indicates to the C program that it should include <termio.h> rather
?S: than <sgtty.h>.
?S:.
```


?S:i_termios:
?S: This variable conditionally defines the I_TERMIO symbol, which
?S: indicates to the C program that the POSIX <termios.h> file is
?S: to be included.
?S:.

?S:i_sgTTY:
?S: This variable conditionally defines the I_SGTTY symbol, which
?S: indicates to the C program that it should include <sgTTY.h> rather
?S: than <termio.h>.
?S:.

?C:I_TERMIO:
?C: This symbol, if defined, indicates that the program should include
?C: <termio.h> rather than <sgTTY.h>. There are also differences in
?C: the
ioctl() calls that depend on the value of this symbol.
?C:.

?C:I_TERMIO:
?C: This symbol, if defined, indicates that the program should include
?C: the POSIX termios.h rather than sgTTY.h or termio.h.
?C: There are also differences in the ioctl() calls that depend on the
?C: value of this symbol.
?C:.

?C:I_SGTTY:
?C: This symbol, if defined, indicates that the program should include
?C: <sgTTY.h> rather than <termio.h>. There are also differences in
?C: the ioctl() calls that depend on the value of this symbol.
?C:.

?H:#\$i_termio I_TERMIO /**/
?H:#\$i_termios I_TERMIO /**/
?H:#\$i_sgTTY I_SGTTY /**/
?H:.

?T:val2 val3
?LINT:set i_termio i_sgTTY i_termios
: see if this is a termio system
val="\$undef"
val2="\$undef"
val3="\$undef"

?X: Prefer POSIX-approved termios.h over all else
if \$test `./findhdr termios.h`; then
 set tcsetattr i_termios
 eval \$inlibc
 val3="\$i_termios"
fi
echo " "
case "\$val3" in
"define") echo "You have POSIX termios.h... good!" >&4;;
*)

```

if ./Cpssym pyr; then
  case "$run /bin/universe" in
    ucb) if $test `./findhdr sgTTY.h`; then
      val2="$define"
      echo "<sgTTY.h> found." >&4
      else
      echo "System is pyramid with BSD universe."
      ./warn "<sgTTY.h> not found--you could have problems."
      fi;;
    *) if $test `./findhdr termio.h`; then
      val="$define"
      echo "<termio.h> found." >&4
      else
      echo "System is pyramid with USG universe."
      ./warn "<termio.h> not found--you could have problems."
      fi;;
  esac
?X: Start with USG to avoid problems if both usg/bsd was guessed
elif ./usg; then
  if $test `./findhdr termio.h`; then
    echo "<termio.h> found." >&4
    val="$define"
    elif $test `./findhdr sgTTY.h`; then
    echo "<sgTTY.h> found." >&4
    val2="$define"
    else
    ./warn "Neither <termio.h> nor <sgTTY.h> found--cross fingers!"
    fi
else
  if $test `./findhdr sgTTY.h`; then
    echo "<sgTTY.h> found." >&4
    val2="$define"
    elif $test `./findhdr termio.h`; then
    echo "<termio.h>
found." >&4
    val="$define"
    else
    ./warn "Neither <sgTTY.h> nor <termio.h> found--cross fingers!"
    fi
fi;;
esac
set i_termio; eval $setvar
val=$val2; set i_sgTTY; eval $setvar
val=$val3; set i_termios; eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_termio.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2017 Dagfinn Ilmari Mannsåker
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_strnlen: Inlibc
?MAKE:-pick add $@ %<
?S:d_strnlen:
?S: This variable conditionally defines the HAS_STRNLEN symbol, which
?S: indicates to the C program that the strnlen () routine is available.
?S:.
?C:HAS_STRNLEN:
?C: This symbol, if defined, indicates that the strnlen () routine is
?C: available to check the length of a string up to a maximum.
?C:.
?H:#$d_strnlen HAS_STRNLEN /**/
?H:.
?LINT:set d_strnlen
: see if strnlen exists
set strnlen d_strnlen
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strnlen.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setlnbuf.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_setlnbuf.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:11:57 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_setlinebuf: Inlibc
```

?MAKE: -pick add \$@ %<
?S:d_setlinebuf:
?S: This variable conditionally defines the HAS_SETLINEBUF symbol, which
?S: indicates to the C program that the setlinebuf() routine is available
?S: to change stderr or stdout from block-buffered or unbuffered
to a
?S: line-buffered mode.
?S:.
?C:HAS_SETLINEBUF :
?C: This symbol, if defined, indicates that the setlinebuf routine is
?C: available to change stderr or stdout from block-buffered or unbuffered
?C: to a line-buffered mode.
?C:.
?H:#\$d_setlinebuf HAS_SETLINEBUF /**/
?H:.
?LINT:set d_setlinebuf
: see if setlinebuf exists
set setlinebuf d_setlinebuf
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setlnbuf.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_sjis2jis.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_sjis2jis.U,v \$
?RCS: Revision 3.0 1993/08/18 12:07:25 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_sjis2jis: Inlibc
?MAKE: -pick add \$@ %<
?S:d_sjis2jis:
?S: This variable conditionally defines the HAS_SJIS2JIS symbol, which
?S: indicates to the C program that the sjis2jis() routine is available
?S: to convert SJIS to JIS.
?S:.
?C:HAS_SJIS2JIS:
?C: This symbol, if defined, indicates that the sjis2jis routine is

```
?C: available
to convert SJIS to JIS.
?C:.
?H:#$d_sjis2jis HAS_SJIS2JIS /**/
?H:.
?LINT:set d_sjis2jis
: see if sjis2jis exists
set sjis2jis d_sjis2jis
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sjis2jis.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_mkstemp.U,v 3.0.1.1 1994/08/29 16:11:57 ram Exp $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_mkstemp.U,v $
?RCS:
?MAKE:d_mkstemp: Inlibc
?MAKE: -pick add $@ %<
?S:d_mkstemp:
?S: This variable conditionally defines the HAS_MKSTEMP symbol, which
?S: indicates to the C program that the mkstemp() routine is available
?S: to exclusively create and open a uniquely named temporary file.
?S:.
?C:HAS_MKSTEMP :
?C: This symbol, if defined, indicates that the mkstemp routine is
?C: available to exclusively create and open a uniquely named
?C: temporary file.
?C:.
?H:#$d_mkstemp HAS_MKSTEMP /**/
?H:.
?LINT:set d_mkstemp
: see if mkstemp exists
set mkstemp d_mkstemp
eval
$inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/U/modified/d_mkstemp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: archlib.U,v 3.1 1999/07/08 18:32:29 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: This file is included with or a derivative work of a file included

?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.

?RCS: In accordance with clause 7 of dist's modified Artistic License:

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: archlib.U,v \$

?RCS: Revision 3.1 1999/07/08 18:32:29 doughera

?RCS: Updated for perl5.005_5x

?RCS:

?RCS:

?RCS: Revision 3.0.1.4 1995/09/25 09:15:18 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.3 1995/02/15 14:14:14 ram

?RCS: patch51: architecture name is now

computed by a separate unit

?RCS:

?RCS: Revision 3.0.1.2 1995/01/30 14:32:22 ram

?RCS: patch49: archname is now systematically recomputed

?RCS: patch49: can now handle installation prefix changes (from WED)

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:02:36 ram

?RCS: patch36: created by ADO

?RCS:

?MAKE:d_archlib archlib archlibexp installarchlib: \
cat Getfile Setprefixvar Loc Oldconfig archname spackage \
privlib sed test Prefixit Prefixup binexp

?MAKE: -pick add \$@ %<
?Y:TOP

?S:d_archlib:

?S:

?S:d_archlib:

?S: This variable conditionally defines ARCHLIB to hold the pathname

?S: of architecture-dependent library files for \$package. If

?S: \$archlib is the same as \$privlib, then this is set to undef.

?S:.

?D:archlib="

?S:archlib:

?S: This variable holds the name of the directory in which the user wants

?S: to put architecture-dependent public library files for \$package.
 ?S: It is most often a local directory such as /usr/local/lib.
 ?S: Programs using this variable must be prepared to deal
 ?S: with
 filename expansion.
 ?S:.
 ?D:archlibexp="
 ?S:archlibexp:
 ?S: This variable is the same as the archlib variable, but is
 ?S: filename expanded at configuration time, for convenient use.
 ?S:.
 ?D:installarchlib="
 ?S:installarchlib:
 ?S: This variable is really the same as archlibexp but may differ on
 ?S: those systems using AFS. For extra portability, only this variable
 ?S: should be used in makefiles.
 ?S:.
 ?C:ARCHLIB:
 ?C: This variable, if defined, holds the name of the directory in
 ?C: which the user wants to put architecture-dependent public
 ?C: library files for \$package. It is most often a local directory
 ?C: such as /usr/local/lib. Programs using this variable must be
 ?C: prepared to deal with filename expansion. If ARCHLIB is the
 ?C: same as PRIVLIB, it is not defined, since presumably the
 ?C: program already searches PRIVLIB.
 ?C:.
 ?C:ARCHLIB_EXP:
 ?C: This symbol contains the ~name expanded version of ARCHLIB, to be used
 ?C: in programs that are not prepared to deal with ~ expansion
 at run-time.
 ?C:.
 ?H:#\$d_archlib ARCHLIB "\$sarchlib" /**/
 ?H:#\$d_archlib ARCHLIB_EXP "\$sarchlibexp" /**/
 ?H:.
 ?T: tdfit
 ?LINT:change prefixvar
 ?LINT:set archlib
 ?LINT:set archlibexp
 ?LINT:set installarchlib
 : determine where public architecture dependent libraries go
 set archlib archlib
 eval \$prefixit
 : privlib default is /usr/local/lib/\$package/\$version
 : archlib default is /usr/local/lib/\$package/\$version/\$sarchname
 : privlib may have an optional trailing /share.
 tdfit=`echo \$privlib | \$sed 's,/share\$,,'`
 tdfit=\$tdfit/\$sarchname
 case "\$sarchlib" in

```
) dflt=$dflt
;;
*) dflt="$sarchlib"
;;
esac
$cat <<EOM
```

\$spackage contains architecture-dependent library files. If you are sharing libraries in a heterogeneous environment, you might store these files in a separate location. Otherwise, you can just include them with the rest of the public library files.

```
EOM
?X: Force dependency on bin.U
fn=$binexp
fn=d+~
rp='Where do you want to put the public architecture-dependent libraries?'
.
./getfile
prefixvar=archlib
./setprefixvar
if $test X"$sarchlib" = X"$sprivlib"; then
d_archlib="$undef"
else
d_archlib="$define"
fi
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/archlib.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_ctime_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_ctime_r ctime_r_proto: Inlibc Protochk Hasproto i_systypes \
usethreads i_time i_systemtime extern_C
?MAKE: -pick add $@ %<
?S:d_ctime_r:
?S: This variable conditionally defines the HAS_CTIME_R symbol,
?S: which indicates to the C program that the ctime_r()
?S: routine is available.
?S:.
```


?S:ctime_r_proto:
?S: This variable encodes the prototype of ctime_r.
?S: It is zero if d_ctime_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ctime_r
?S: is defined.
?S:.
?C:HAS_CTIME_R:
?C: This symbol, if defined, indicates that the ctime_r routine
?C: is available to ctime re-entrantly.
?C:.
?C:CTIME_R_PROTO:
?C: This
symbol encodes the prototype of ctime_r.
?C: It is zero if d_ctime_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ctime_r
?C: is defined.
?C:.
?H:#\$d_ctime_r HAS_CTIME_R /**/
?H:#define CTIME_R_PROTO \$ctime_r_proto /**/
?H:.
?T:try hdrs d_ctime_r_proto
: see if ctime_r exists
set ctime_r d_ctime_r
eval \$inlibc
case "\$d_ctime_r" in
"\$define")
hdrs="\$i_systypes sys/types.h define stdio.h \$i_time time.h \$i_systime sys/time.h"
case "\$d_ctime_r_proto:\$usethreads" in
":define") d_ctime_r_proto=define
set d_ctime_r_proto ctime_r \$hdrs
eval \$hasproto ;;
*) ;;
esac
case "\$d_ctime_r_proto" in
define)
case "\$ctime_r_proto" in
"|0) try='char* ctime_r(const time_t*, char*);'
./protochk "\$extern_C \$try" \$hdrs && ctime_r_proto=B_SB ;;
esac
case "\$ctime_r_proto" in
"|0) try='char* ctime_r(const time_t*, char*, int);'
./protochk "\$extern_C \$try" \$hdrs && ctime_r_proto=B_SBI ;;
esac
case "\$ctime_r_proto" in
"|0) try='int ctime_r(const
time_t*, char*);'
./protochk "\$extern_C \$try" \$hdrs && ctime_r_proto=I_SB ;;
esac

```

case "$ctime_r_proto" in
"|0) try='int ctime_r(const time_t*, char*, int);'
./protochk "$extern_C $try" $hdrs && ctime_r_proto=I_SBI ;;
esac
case "$ctime_r_proto" in
"|0) d_ctime_r=undef
ctime_r_proto=0
echo "Disabling ctime_r, cannot determine prototype." >&4 ;;
* ) case "$ctime_r_proto" in
REENTRANT_PROTO*) ;;
*) ctime_r_proto="REENTRANT_PROTO_$ctime_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susetthreads" in
define) echo "ctime_r has no prototype, not using it." >&4 ;;
esac
d_ctime_r=undef
ctime_r_proto=0
;;
esac
;;
*) ctime_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_ctime_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: myhostname.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 16:15:55 ram

?RCS: patch61: improved hostname lookup by using ypmatch when NIS is used

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 16:25:43 ram

?RCS: patch36: call ./xenix explicitly instead of relying on PATH

?RCS: patch36: now uses new Tr unit to convert to/from lowercase

?RCS:

?RCS: Revision 3.0.1.1 1994/06/20 07:06:20 ram

?RCS: patch30: now a little more clever for domain name guessing

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:18 ram

?RCS:

Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:myhostname phostname mydomain: contains sed test Myread Oldconfig \
 Guess Loc awk echo sort uniq +usrinc rm hostcat Tr osname

?MAKE: -pick add \$@ %<

?S:myhostname (hostname):

?S: This variable contains the eventual value of the MYHOSTNAME symbol,
 ?S: which is the name of the host the program is going to run on.
 ?S: The domain is not kept with hostname, but must be gotten from mydomain.
 ?S: The dot comes with mydomain, and need not be supplied by the program.
 ?S:.

?S:mydomain:

?S: This variable contains the eventual value of the MYDOMAIN symbol,
 ?S: which is the domain of the host the program is going to run on.
 ?S: The domain must be appended to myhostname to form a complete host name.
 ?S: The dot comes with mydomain, and need not be supplied by the program.
 ?S:.

?S:phostname:

?S: This variable contains the eventual value of the PHOSTNAME symbol,
 ?S: which is a command that can be fed to popen() to get the host name.
 ?S: The program
 should probably not presume that the domain is or isn't
 ?S: there already.
 ?S:.

?C:MYHOSTNAME (HOSTNAME):

?C: This symbol contains name of the host the program is going to run on.
 ?C: The domain is not kept with hostname, but must be gotten from MYDOMAIN.
 ?C: The dot comes with MYDOMAIN, and need not be supplied by the program.
 ?C: If gethostname() or uname() exist, MYHOSTNAME may be ignored. If MYDOMAIN
 ?C: is not used, MYHOSTNAME will hold the name derived from PHOSTNAME.
 ?C:.

?C:MYDOMAIN:

?C: This symbol contains the domain of the host the program is going to
 ?C: run on. The domain must be appended to HOSTNAME to form a complete
 ?C: host name. The dot comes with MYDOMAIN, and need not be supplied by
 ?C: the program. If the host name is derived from PHOSTNAME, the domain
 ?C: may or may not already be there, and the program should check.
 ?C:.

?H:#define MYHOSTNAME "\$myhostname" /**/
 ?H:#define MYDOMAIN "\$mydomain" /**/
 ?H:.

```

?T:cont i tans tmp_re file
: now get the host name
echo
" "
echo "Figuring out host name..." >&4
case "$myhostname" in
") cont=true
echo 'Maybe "hostname" will work...'
if tans=`sh -c hostname 2>&1` ; then
myhostname=$tans
phostname=hostname
cont=""
fi
;;
*) cont="";;
esac
if $test "$cont"; then
if ./xenix; then
echo 'Oh, dear. Maybe "/etc/systemid" is the key...'
if tans=`cat /etc/systemid 2>&1` ; then
myhostname=$tans
phostname='cat /etc/systemid'
echo "Whadyaknow. Xenix always was a bit strange..."
cont=""
fi
elif $test -r /etc/systemid; then
echo "(What is a non-Xenix system doing with /etc/systemid?)"
fi
fi
if $test "$cont"; then
echo 'No, maybe "uname -l" will work...'
if tans=`sh -c 'uname -l' 2>&1` ; then
myhostname=$tans
phostname='uname -l'
else
echo 'Strange. Maybe "uname -n" will work...'
if tans=`sh -c 'uname -n' 2>&1` ; then
myhostname=$tans
phostname='uname -n'
else
echo 'Oh well, maybe I can mine it out of whoami.h...'
if tans=`sh -c $contains' sysname $usrinc/whoami.h'
2>&1` ; then
myhostname=`echo "$tans" | $sed 's/^\.*"(.*)"^\1/^`
phostname="sed -n -e ""'/sysname/s/^\.*"(.*)"^\1/{'' -e p -e q -e '}' <$usrinc/whoami.h"
else
case "$myhostname" in
") echo "Does this machine have an identity crisis or something?"

```

```

phostname="";
*)
echo "Well, you said $myhostname before..."
phostname='echo $myhostname';;
esac
fi
fi
fi
fi
case "$myhostname" in
") myhostname=noname ;;
esac
: you do not want to know about this
set $myhostname
myhostname=$1

: verify guess
if $test "$myhostname" ; then
dflt=y
rp='Your host name appears to be "$myhostname"." Right?'
./myread
case "$ans" in
y*) ;;
*) myhostname="";;
esac
fi

: bad guess or no guess
while $test "X$myhostname" = X ; do
dflt="
rp="Please type the (one word) name of your host:"
./myread
myhostname="$ans"
done

: translate upper to lower if necessary
case "$myhostname" in
*[A-Z]*)
echo "(Normalizing case in your host name)"
myhostname=`echo
$myhostname | ./tr '[A-Z]' '[a-z]'`
;;
esac

?X: Do not ask for domain name if this is not used later on. In that
?X: case, the hostname may keep its domain name, but it doesn't matter.
@if MYDOMAIN || mydomain
case "$myhostname" in

```

```

*)*)
dflt=`expr "X$myhostname" : "X[^.]*\(\..*\)`"
myhostname=`expr "X$myhostname" : "X\([^.*\)\.]"`
echo "(Trimming domain name from host name--host name is now $myhostname)"
;;
*) case "$mydomain" in
")
?X:
?X: There is currently no way to say we do not want hostcat if mydomain is not
?X: used. One way to achieve that would be to put that code in a mydomain.U
?X: unit. However, we want to stick the sanity checks right after the domain
?X: name computation, or if none is done, right after the hostname computation.
?X:
{
?X: If we use NIS, try ypmatch.
test "X$hostcat" = "Xypcat hosts" &&
ypmatch "$myhostname" hosts 2>/dev/null \
$sed -e 's/[ ]*#.*//; s/$/ /' > hosts && \
$test -s hosts
} || {
?X: Extract only
the relevant hosts, reducing file size,
?X: remove comments, insert trailing space for later use.
$hostcat | $sed -n -e "s/[ ]*#.*//; s/^$//
/[ ]$myhostname[ . ]/p" > hosts
}
tmp_re="[ .]"
$test x`$awk "/[0-9].*[ ]$myhostname$tmp_re/ { sum++ }
END { print sum }" hosts` = x1 || tmp_re="[ ]"
dflt=`$awk \
"/[0-9].*[ ]$myhostname$tmp_re/ {for(i=2; i<=NF;i++) print \\$i}" \
hosts | $sort | $uniq | \
$sed -n -e "s/$myhostname\.\([^a-zA-Z0-9_]\)\^1/p"
case `$echo X$dflt` in
X*\ *) echo "(Several hosts in /etc/hosts matched hostname)"
dflt=.
;;
?X: There is no /etc/hosts on os390
X.)
if $test -f /etc/hosts; then
echo "(You do not have fully-qualified names in /etc/hosts)"
else
echo "(I cannot locate a hosts database anywhere)"
fi
;;
esac
case "$dflt" in
.)

```

```

tans=`./loc resolv.conf X /etc /usr/etc`
if $test -f "$tans"; then
    echo "(Attempting domain name extraction from $tans)"
?X: Look for either a search
or a domain directive.
dflt=`$sed -n -e 's// /g' \
    -e 's/^search *([ ]*).*\1/p' $tans \
    | ./tr '[A-Z]' '[a-z]' 2>/dev/null`
case "$dflt" in
.) dflt=`$sed -n -e 's// /g' \
    -e 's/^domain *([ ]*).*\1/p' $tans \
    | ./tr '[A-Z]' '[a-z]' 2>/dev/null`
;;
esac
fi
;;
esac
case "$dflt" in
.) echo "(No help from resolv.conf either -- attempting clever guess)"
dflt=`sh -c domainname 2>/dev/null`
case "$dflt" in
") dflt='.';
.nis.*|.yp.*|.main.*) dflt=`echo $dflt | $sed -e 's/^\.[^.]*/^/`;
esac
;;
esac
case "$dflt${osname}" in
.os390)
file="//SYS1.TCPPARMS(TCPDATA)"
echo "(Attempting domain name extraction from $file)"
dflt=`awk '/^DOMAINORIGIN/ {print $2}' "$file" 2>/dev/null`
;;
esac
case "$dflt" in
.) echo "(Lost all hope -- silly guess then)"
dflt='.nonet'
;;
esac
$rm -f hosts
;;
*) dflt="$mydomain";;
esac;;
esac
echo " "
rp="What is your domain name?"
.
./myread
tans="$ans"

```

```

case "$sans" in
") ;;
.*) ;;
*) tans=".${tans}";;
esac
mydomain="$tans"

: translate upper to lower if necessary
case "$mydomain" in
*[A-Z]*)
echo "(Normalizing case in your domain name)"
mydomain=`echo $mydomain | ./tr '[A-Z]' '[a-z]`
;;
esac

@end

: a little sanity check here
case "$phostname" in
") ;;
*)
case `echo $phostname | ./tr '[A-Z]' '[a-z]^` in
$myhostname$mydomain|$myhostname) ;;
*)
case "$phostname" in
sed*)
echo "(That doesn't agree with your whoami.h file, by the way.)"
;;
*)
echo "(That doesn't agree with your $phostname command, by the way.)"
;;
esac
;;
esac
;;
esac
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/myhostname.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getgrgid_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.


```

?RCS:
?MAKE:d_getgrgid_r getgrgid_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_grp extern_C
?MAKE: -pick add $@ %<
?S:d_getgrgid_r:
?S: This variable conditionally defines the HAS_GETGRGID_R symbol,
?S: which indicates to the C program that the getgrgid_r()
?S: routine is available.
?S:.
?S:getgrgid_r_proto:
?S: This variable encodes the prototype of getgrgid_r.
?S: It is zero if d_getgrgid_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrgid_r
?S: is defined.
?S:.
?C:HAS_GETGRGID_R:
?C: This symbol, if defined, indicates that the getgrgid_r routine
?C: is available to
  getgrgid re-entrantly.
?C:.
?C:GETGRGID_R_PROTO:
?C: This symbol encodes the prototype of getgrgid_r.
?C: It is zero if d_getgrgid_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrgid_r
?C: is defined.
?C:.
?H:#$d_getgrgid_r HAS_GETGRGID_R /**/
?H:#define GETGRGID_R_PROTO $getgrgid_r_proto /**/
?H:.
?T:try hdrs d_getgrgid_r_proto
: see if getgrgid_r exists
set getgrgid_r d_getgrgid_r
eval $inlibc
case "$d_getgrgid_r" in
"$define")
  hdrs="$i_systypes sys/types.h define stdio.h $i_grp grp.h"
  case "$d_getgrgid_r_proto:$usethreads" in
  ":define") d_getgrgid_r_proto=define
    set d_getgrgid_r_proto getgrgid_r $hdrs
    eval $hasproto ;;
  *) ;;
  esac
  case "$d_getgrgid_r_proto" in
  define)
    case "$getgrgid_r_proto" in
    "|0) try='int getgrgid_r(gid_t, struct group*, char*, size_t, struct group**);'
./protochk "$extern_C $try" $hdrs && getgrgid_r_proto=L_TSBWR ;;
    esac

```

```

case "$getgrgid_r_proto" in
"|0) try='int getgrgid_r(gid_t, struct group*, char*, int, struct
group**);'
./protochk "$extern_C $try" $hdrs && getgrgid_r_proto=I_TSBIR ;;
esac
case "$getgrgid_r_proto" in
"|0) try='int getgrgid_r(gid_t, struct group*, char*, int);'
./protochk "$extern_C $try" $hdrs && getgrgid_r_proto=I_TSBI ;;
esac
case "$getgrgid_r_proto" in
"|0) try='struct group* getgrgid_r(gid_t, struct group*, char*, int);'
./protochk "$extern_C $try" $hdrs && getgrgid_r_proto=S_TSBI ;;
esac
case "$getgrgid_r_proto" in
"|0) d_getgrgid_r=undef
getgrgid_r_proto=0
echo "Disabling getgrgid_r, cannot determine prototype." >&4 ;;
*) case "$getgrgid_r_proto" in
REENTRANT_PROTO*) ;;
*) getgrgid_r_proto="REENTRANT_PROTO_$getgrgid_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "getgrgid_r has no prototype, not using it." >&4 ;;
esac
d_getgrgid_r=undef
getgrgid_r_proto=0
;;
esac
;;
*) getgrgid_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getgrgid_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_setservent_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

```

?RCS:
?MAKE:d_setservent_r setservent_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_setservent_r:
?S: This variable conditionally defines the HAS_SETSERVENT_R symbol,
?S: which indicates to the C program that the setservent_r()
?S: routine is available.
?S:.
?S:setservent_r_proto:
?S: This variable encodes the prototype of setservent_r.
?S: It is zero if d_setservent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setservent_r
?S: is defined.
?S:.
?C:HAS_SETSERVENT_R:
?C: This symbol, if defined, indicates that the setservent_r routine
?C: is
  available to setservent re-entrantly.
?C:.
?C:SETSERVENT_R_PROTO:
?C: This symbol encodes the prototype of setservent_r.
?C: It is zero if d_setservent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setservent_r
?C: is defined.
?C:.
?H:#$d_setservent_r HAS_SETSERVENT_R /**/
?H:#define SETSERVENT_R_PROTO $setservent_r_proto /**/
?H:.
?T:try hdrs d_setservent_r_proto
: see if setservent_r exists
set setservent_r d_setservent_r
eval $inlibc
case "$d_setservent_r" in
"$define")
  hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
  case "$d_setservent_r_proto:$usethreads" in
  ":define") d_setservent_r_proto=define
    set d_setservent_r_proto setservent_r $hdrs
    eval $hasproto ;;
  *) ;;
  esac
  case "$d_setservent_r_proto" in
  define)
    case "$setservent_r_proto" in
    "|0) try='int setservent_r(int, struct servent_data*);'
./protochk "$extern_C $try" $hdrs && setservent_r_proto=I_ID ;;
    esac

```

```

case "$setserver_r_proto" in
"|0) try='void
setserver_r(int, struct server_data*);'
./protochk "$extern_C $try" $hdrs && setserver_r_proto=V_ID ;;
esac
case "$setserver_r_proto" in
"|0) d_setserver_r=undef
setserver_r_proto=0
echo "Disabling setserver_r, cannot determine prototype." >&4 ;;
*) case "$setserver_r_proto" in
REENTRANT_PROTO*) ;;
*) setserver_r_proto="REENTRANT_PROTO_$setserver_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "setserver_r has no prototype, not using it." >&4 ;;
esac
d_setserver_r=undef
setserver_r_proto=0
;;
esac
;;
*) setserver_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/threads/d_setserver_r.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS:

?RCS: \$Log: d_sigsetjmp.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:44:33 ram

?RCS: patch61: created

?RCS:

?MAKE:d_sigsetjmp: Setvar cat +cc +ccflags +ldflags libs rm

?MAKE: -pick add \$@ %<

?S:d_sigsetjmp:

?S: This variable conditionally defines the HAS_SIGSETJMP symbol,

?S: which indicates that the sigsetjmp() routine

is available to

?S: call setjmp() and optionally save the process's signal mask.

?S:.

?C:HAS_SIGSETJMP:

?C: This variable indicates to the C program that the sigsetjmp()

?C: routine is available to save the calling process's registers

?C: and stack environment for later use by siglongjmp(), and

?C: to optionally save the process's signal mask. See

?C: Sigjmp_buf, Sigsetjmp, and Siglongjmp.

?C:.

?C:Sigjmp_buf:

?C: This is the buffer type to be used with Sigsetjmp and Siglongjmp.

?C:.

?C:Sigsetjmp:

?C: This macro is used in the same way as sigsetjmp(), but will invoke

?C: traditional setjmp() if sigsetjmp isn't available.

?C: See HAS_SIGSETJMP.

?C:.

?C:Siglongjmp:

?C: This macro is used in the same way as siglongjmp(), but will invoke

?C: traditional longjmp() if siglongjmp isn't available.

?C: See HAS_SIGSETJMP.

?C:.

?H:%<:#\$d_sigsetjmp HAS_SIGSETJMP /**/

?H:%<:#ifdef HAS_SIGSETJMP

?H:%<:#define Sigjmp_buf sigjmp_buf

?H:%<:#define Sigsetjmp(buf,save_mask) sigsetjmp((buf),(save_mask))

?H:%<:#define

Siglongjmp(buf,retval) siglongjmp((buf),(retval))

?H:%<:#else

?H:%<:#define Sigjmp_buf jmp_buf

?H:%<:#define Sigsetjmp(buf,save_mask) setjmp((buf))

?H:%<:#define Siglongjmp(buf,retval) longjmp((buf),(retval))

?H:%<:#endif

?H:.

?W:%<:Sigjmp_buf Sigsetjmp Siglongjmp

?F:!set

?LINT:set d_sigsetjmp

: see if sigsetjmp exists

?X: We can't check for these symbols with Inlibc because sigsetjmp

?X: is (sometimes? always?) a macro under GCC

```
echo " "  
case "$d_sigsetjmp" in  
")  
  $cat >set.c <<'EOP'  
  #include <setjmp.h>  
  sigjmp_buf env;  
  int set = 1;  
  int main()  
  {  
  if (sigsetjmp(env,1))  
    exit(set);  
  set = 0;  
  siglongjmp(env, 1);  
  exit(1);  
  }  
EOP  
if $cc $ccflags $ldflags -o set set.c $libs > /dev/null 2>&1 ; then  
  if ./set >/dev/null 2>&1; then  
    echo "POSIX sigsetjmp found." >&4  
    val="$define"  
  else  
    $cat >&4 <<EOM
```

Uh-Oh! You have POSIX sigsetjmp and siglongjmp, but they do not work properly!!

I'll ignore them.

```
EOM  
  val="$undef"  
  fi  
  else  
    echo "sigsetjmp not found."  
  >&4  
  val="$undef"  
  fi  
  ;;  
*) val="$d_sigsetjmp"  
  case "$d_sigsetjmp" in  
  $define) echo "POSIX sigsetjmp found." >&4;;  
  $undef) echo "sigsetjmp not found." >&4;;  
  esac  
  ;;  
esac  
set d_sigsetjmp  
eval $setvar  
$rm -f set.c set
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-  
5.30.0/dist/U/d_sigsetjmp.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strncmp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strncmp.U,v $
?RCS: Revision 3.0.1.2 1994/05/06 14:54:34 ram
?RCS: patch23: fixed a typo (WED)
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:04:39 ram
?RCS: patch10: created (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:24 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_strncmp: Inlibc
?MAKE: -pick add $@ %<
?S:d_strncmp:
?S: This variable conditionally defines the HAS_STRCASECMP symbol, which
?S: indicates to the C program
?S: that the strcasecmp() routine is available
?S: for case-insensitive string compares.
?S:.
?C:HAS_STRCASECMP:
?C: This symbol, if defined, indicates that the strcasecmp() routine is
?C: available for case-insensitive string compares.
?C:.
?H:#$d_strncmp HAS_STRCASECMP /**/
?H:.
?LINT:set d_strncmp
: see if strcasecmp exists
set strcasecmp d_strncmp
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strncmp.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: doublesize.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:17:06 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:06 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:doublesize: cat rm_try Myread +cc +ccflags

?MAKE: -pick add \$@ %<

?S:doublesize:

?S: This variable contains the value of the DOUBLESIZE symbol, which
?S: indicates to the C program how many bytes there are in a double.

?S:.

?C:DOUBLESIZE:

?C: This symbol contains the
size of a double, so that the C preprocessor
?C: can make decisions based on it.

?C:.

?H:#define DOUBLESIZE \$doublesize /**/

?H:.

?F:!try

```
: check for length of double
echo " "
case "$doublesize" in
")
echo "Checking to see how big your double precision numbers are..." >&4
$cat >try.c <<'EOCP'
#include <stdio.h>
int main()
{
printf("%d\n", sizeof(double));
}
EOCP
if $cc $ccflags -o try try.c >/dev/null 2>&1 ; then
dflt=`./try`
else
dflt='8'
echo "(I can't seem to compile the test program. Guessing...)"
fi
;;
```



```
*)
dflt="$doublesize"
;;
esac
rp="What is the size of a double precision number (in bytes)?"
./myread
doublesize="$ans"
$rm_try
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/doublesize.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_sendmsg: Inlibc

?MAKE: -pick add \$@ %<

?S:d_sendmsg:

?S: This variable conditionally defines the HAS_SENDMSG symbol, which

?S: indicates to the C program that the sendmsg() routine is available.

?S:.

?C:HAS_SENDMSG:

?C: This symbol, if defined, indicates that the sendmsg routine is

?C: available to send structured socket messages.

?C:.

?H:#\$d_sendmsg HAS_SENDMSG /**/

?H:.

?LINT:set d_sendmsg

: see if sendmsg exists

set sendmsg d_sendmsg

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sendmsg.U
```

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS:

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?RCS:

```
?MAKE:perladmin: cf_email Oldconfig Myread cat
?MAKE: -pick add $@ %<
?Y:TOP
?S:perladmin:
?S: Electronic mail address of the perl5 administrator.
?S:.
: Ask e-mail of administrator
$cat <<EOM
```

If you or somebody else will be maintaining perl at your site, please fill in the correct e-mail address here so that they may be contacted if necessary. Currently, the "perlbug" program included with perl will send mail to this address in addition to perlbug@perl.org. You may enter "none" for no administrator.

```
EOM
case "$perladmin" in
") dflt="$cf_email";;
*) dflt="$perladmin";;
esac
rp='Perl administrator e-mail address'
. ./myread
perladmin="$ans"
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/perladmin.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_readdir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_readdir.U,v $
?RCS: Revision 3.0.1.1 1994/05/06 14:46:37 ram
?RCS: patch23: added support for seekdir, telldir and rewinddir (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:52 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X: Force checking for <dirent.h> inclusion
?X:INC: i_dirent
```

?MAKE:d_readdir d_seekdir d_telldir d_rewinddir: Inlibc

?MAKE: -pick add \$@ %<

?S:d_readdir:

?S: This variable conditionally defines HAS_READDIR if readdir() is available to read directory entries.

?S:.

?C:HAS_READDIR (READDIR):

?C: This symbol, if defined, indicates that the readdir routine is available to read directory entries. You may have to include <dirent.h>. See I_DIRENT.

?C:.

?H:#\$d_readdir HAS_READDIR /**/

?H:.

?S:d_seekdir:

?S: This variable conditionally defines HAS_SEEKDIR if seekdir() is available.

?S:.

?C:HAS_SEEKDIR:

?C: This symbol, if defined, indicates that the seekdir routine is available. You may have to include <dirent.h>. See I_DIRENT.

?C:.

?H:#\$d_seekdir HAS_SEEKDIR /**/

?H:.

?S:d_telldir:

?S: This variable conditionally defines HAS_TELLDIR if telldir() is available.

?S:.

?C:HAS_TELLDIR:

?C: This symbol, if defined, indicates that the telldir routine is available. You may have to include <dirent.h>. See I_DIRENT.

?C:.

?H:#\$d_telldir HAS_TELLDIR /**/

?H:.

?S:d_rewinddir:

?S: This variable conditionally defines HAS_REWINDDIR if rewinddir() is available.

?S:.

?C:HAS_REWINDDIR:

?C: This symbol, if defined, indicates that the rewinddir routine is available. You may have to include <dirent.h>. See I_DIRENT.

?C:.

?H:#\$d_rewinddir HAS_REWINDDIR /**/

?H:.

?LINT:set d_readdir d_seekdir d_telldir d_rewinddir
: see if readdir and friends exist
set readdir d_readdir

```
eval $inlibc
@if d_seekdir || HAS_SEEKDIR
set seekdir d_seekdir
eval $inlibc
@end
@if d_telldir || HAS_TELLDIR
set telldir d_telldir
eval $inlibc
@end
@if d_rewinddir || HAS_REWINDDIR
set rewinddir d_rewinddir
eval $inlibc
@end
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_readdir.U
```

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```
?RCS: $Id: d_bcopy.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_bcopy.U,v $
?RCS: Revision 3.0.1.2 1993/10/16 13:48:04 ram
?RCS: patch12: added magic support for bcopy()
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:01:11 ram
?RCS: patch10: now only defines HAS_BCOPY, no macro remap on memcpy (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:44 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_bcopy: Inlibc
?MAKE: -pick add $@ %<
?S:d_bcopy:
?S: This variable conditionally defines the HAS_BCOPY
symbol if
?S: the bcopy() routine is available to copy strings.
?S:.
?C:HAS_BCOPY:
?C: This symbol is defined if the bcopy() routine is available to
```

```
?C: copy blocks of memory.
?C:.
?H:#$d_bcopy HAS_BCOPY /**/
?H:.
?M:bcopy: HAS_BCOPY
?M:#ifndef HAS_BCOPY
?M:#ifndef bcopy
?M:#define bcopy(s,d,l) memcpy((d),(s),(l))
?M:#endif
?M:#endif
?M:.
?LINT:set d_bcopy
: see if bcopy exists
set bcopy d_bcopy
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_bcopy.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_isfinite: Inlibc cat Compile rm_try Setvar
?MAKE: -pick add $@ %<
?S:d_isfinite:
?S: This variable conditionally defines the HAS_ISFINITE symbol, which
?S: indicates to the C program that the isfinite() routine is available.
?S:.
?C:HAS_ISFINITE:
?C: This symbol, if defined, indicates that the isfinite routine is
?C: available to check whether a double is finite (non-infinity non-NaN).
?C:.
?LINT:set d_isfinite
?H:#$d_isfinite HAS_ISFINITE /**/
?H:.
: check for isfinite
echo "Checking to see if you have isfinite..." >&4
$cat >try.c <<EOCP
#include <math.h>
int main() { return isfinite(0.0); }
EOCP
set try
```

```

if eval $compile; then
  val="$define"
  echo "You have isfinite."
else
  val="$undef"
  echo
  "You do not have isfinite."
fi
$rm_try
set d_isfinite
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isfinite.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_strcspn.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strcspn.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:33 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_strcspn: Inlibc
?MAKE: -pick add $@ %<
?S:d_strcspn:
?S: This variable conditionally defines the HAS_STRCSPN symbol, which
?S: indicates to the C program that the strcspn() routine is available
?S: to scan strings.
?S:.
?C:HAS_STRCSPN (STRCSPN):
?C: This symbol, if defined, indicates that the strcspn routine is
?C: available to scan
?C: strings.
?C:.
?H:#$d_strcspn HAS_STRCSPN /**/
?H:.
?LINT:set d_strcspn
: see if strcspn exists
set strcspn d_strcspn

```

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strcspn.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_gethent.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_gethent.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_gethent: Inlibc

?MAKE: -pick add \$@ %<

?S:d_gethent:

?S: This variable conditionally defines HAS_GETHOSTENT if gethostent() is

?S: available to look up host names in some data base or another.

?S:.

?C:HAS_GETHOSTENT:

?C: This symbol, if defined, indicates that the gethostent() routine is

?C: available to look up host names in some

data base or another.

?C:.

?H:#\$d_gethent HAS_GETHOSTENT /**/

?H:.

?LINT:set d_gethent

: see if gethostent exists

set gethostent d_gethent

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_gethent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_regex.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Sidney C. Smith <scsmith@cbda9.apgea.army.mil>
?RCS:
?RCS: \$Log: i_regex.U,v \$
?RCS: Revision 3.0.1.1 1995/01/30 14:35:45 ram
?RCS: patch49: created
?RCS:
?RCS:
?MAKE:i_regex: Inhdr
?MAKE: -pick add \$@ %<
?S:i_regex:
?S: This variable conditionally defines the I_REGEX symbol, which
?S: indicates to the C program that <regex.h> exists and should
?S: be included.
?S:.
?C:I_REGEX:
?C: This symbol, if defined, indicates that <regex.h> exists
and should
?C: be included.
?C:.
?H:#\$i_regex I_REGEX /**/
?H:.
?LINT:set i_regex
: see if regex is available
set regex.h i_regex
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_regex.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: nametype.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: nametype.U,v \$

?RCS: Revision 3.0.1.3 1994/10/29 16:26:09 ram

?RCS: patch36: call ./usg and ./bsd explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0.1.2 1994/08/29 16:36:48 ram

?RCS: patch32: fixed typo: /etc/password -> /etc/passwd (WED)

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 16:10:09 ram

?RCS: patch10: made questions more explicit for 'Configure -s' prompting (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:20 ram

?RCS: Baseline

for dist 3.0 netwide release.

?RCS:

?MAKE:nametype d_passnames d_berknames d_usgnames: Myread Guess Oldconfig cat

?MAKE: -pick add \$@ %<

?S:nametype:

?S: This variable indicates how full names are stored on this system.

?S: Values are bsd, usg, and other.

?S:.

?S:d_passnames:

?S: This variable conditionally defines the PASSNAMES symbol,

?S: which indicates to the C program that full names are stored in

?S: the /etc/passwd file.

?S:.

?S:d_berknames:

?S: This variable conditionally defines the PASSNAMES symbol,

?S: which indicates to the C program that full names are stored in

?S: the /etc/passwd file in Berkeley format.

?S:.

?S:d_usgnames:

?S: This variable conditionally defines the PASSNAMES symbol,

?S: which indicates to the C program that full names are stored in

?S: the /etc/passwd file in USG format.

?S:.

?C:PASSNAMES:

?C: This symbol, if defined, indicates that full names are stored in

?C: the /etc/passwd file.

?C:.

?C:BERKNAMES:

?C: This symbol, if defined, indicates that full

names are stored in

?C: the /etc/passwd file in Berkeley format (name first thing, everything

?C: up to first comma, with & replaced by capitalized login id, yuck).

?C:.

?C:USGNAMES:

?C: This symbol, if defined, indicates that full names are stored in

?C: the /etc/passwd file in USG format (everything after - and before (is

?C: the name).

```

?C:.
?H:#$d_passnames PASSNAMES /* (undef to take name from ~/.fullname) */
?H:#$d_berknames BERKNAMES /* (that is, ":name,stuff:") */
?H:#$d_usgnames USGNAMES /* (that is, ":stuff-name(stuff:)") */
?H:.
: find out how to find out full name
case "$d_berknames" in
"$define")
dflt=y;;
"$undef")
dflt=n;;
*)
if ./bsd; then
dflt=y
elif ./xenix; then
dflt=y
else
dflt=n
fi
;;
esac
$cat <<'EOM'

```

Does your /etc/passwd file keep full names in Berkeley/V7 format (name first thing after ':' in GCOS field)? In that case, a typical entry in the password file looks like this:

```

guest:**password**:10:100:Mister Guest User:/usr/users:/bin/sh

```

```

^^^^^^^^^^^^^^^^^^^^^^^^

```

```

EOM
rp="Berkeley/V7 format for full name in /etc/passwd?"
./myread
case "$ans" in
y*) d_passnames="$define"
d_berknames="$define"
d_usgnames="$undef"
nametype=bsd
;;
*)
case "$d_usgnames" in
"$define") dflt=y;;
"$undef") dflt=n;;
*)
if ./usg; then
dflt=y
else
dflt=n

```

```
fi
;;
esac
$cat <<'EOM'
```

Does your passwd file keep full names in USG format (name sandwiched between a '-' and a '(')? In that case, a typical entry in the password file looks like this:

```
guest:**password**:10:100:000-Mister Guest User(000):usr/users:/bin/sh
^^^^^^^^^^^^^^^^^^^^
```

EOM

```
rp="USG format for full name in /etc/passwd?"
. ./myread
case "$ans" in
n*) echo "Full name will be taken from ~/.fullname"
d_passnames="$undef"
d_berknames="$undef"
d_usgnames="$undef"
nametype=other
;;
*)
d_passnames="$define"
d_berknames="$undef"
d_usgnames="$define"
nametype=usg
;;
esac;;
esac
```

Found in path(s):

*

```
/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/nametype.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_remainder: Inlibc

?MAKE: -pick add \$@ %<

?S:d_remainder:

?S: This variable conditionally defines the HAS_REMAINDER symbol, which

?S: indicates to the C program that the remainder() routine is available.

?S:.

?C:HAS_REMAINDER:

?C: This symbol, if defined, indicates that the remainder routine is

?C: available to return the floating-point remainder.

```
?C:
?H:#$d_remainder HAS_REMAINDER /**/
?H:
?LINT:set d_remainder
: see if remainder exists
set remainder d_remainder
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_remainder.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_vprintf.U,v 3.0 1993/08/18 12:07:59 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_vprintf.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:59 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_vprintf d_charvspr: Compile Guess cat Csym Setvar run rm_try \
i_stdlib i_unistd i_stdarg i_varargs
?MAKE: -pick add $@ %<
?S:d_vprintf:
?S: This variable conditionally defines the HAS_VPRINTF symbol, which
?S: indicates to the C program that the vprintf() routine is available
?S: to printf with a pointer to an argument list.
?S:
?S:d_charvspr:
?S: This
variable conditionally defines CHARVSPRINTF if this system
?S: has vsprintf returning type (char*). The trend seems to be to
?S: declare it as "int vsprintf()".
?S:
?C:HAS_VPRINTF (VPRINTF):
?C: This symbol, if defined, indicates that the vprintf routine is available
?C: to printf with a pointer to an argument list. If unavailable, you
?C: may need to write your own, probably in terms of _doprnt().
?C:
?C:USE_CHAR_VSPRINTF (CHARVSPRINTF):
?C: This symbol is defined if this system has vsprintf() returning type
```

?C: (char*). The trend seems to be to declare it as "int vsprintf)". It
?C: is up to the package author to declare vsprintf correctly based on the
?C: symbol.

?C:.

```
?H:#$d_vprintf HAS_VPRINTF /**/
```

```
?H:#$d_charvspr USE_CHAR_VSPRINTF /**/
```

?H:.

?T:val2

?F:!try

```
?LINT:set d_vprintf d_charvspr
```

: see if vprintf exists

```
echo " "
```

```
if set vprintf val -f d_vprintf; eval $csym; $val; then
```

```
echo 'vprintf() found.' >&4
```

```
val="$define"
```

```
$cat >try.c <<EOF
```

```
#$i_stdarg I_STDARG /*
```

```
Only one of these can be defined by i_varhrd */
```

```
#$i_varargs I_VARARGS
```

```
#$i_stdlib I_STDLIB
```

```
#$i_unistd I_UNISTD
```

```
#ifdef I_STDARG
```

```
# include <stdarg.h>
```

```
#else /* I_VARARGS */
```

```
# include <varargs.h>
```

```
#endif
```

```
#ifdef I_UNISTD
```

```
# include <unistd.h>
```

```
#endif
```

```
#ifdef I_STDLIB
```

```
# include <stdlib.h>
```

```
#endif
```

```
#include <stdio.h> /* vsprintf prototype */
```

```
#ifdef I_STDARG
```

```
void xxx(int n, ...)
```

```
{
```

```
    va_list args;
```

```
    char buf[10];
```

```
    va_start(args, n);
```

```
    exit(((unsigned long)vsprintf(buf,"%s",args) > 10L);
```

```
}
```

```
int main() { xxx(1, "foo"); }
```

```
#else /* I_VARARGS */
```

```
xxx(va_alist)
va_dcl
{
    va_list args;
    char buf[10];
    va_start(args);
    exit(((unsigned long)vsprintf(buf,"%s",args) > 10L);
}
int main() { xxx("foo"); }
```

```
#endif
```

```
EOF
```

```
set try
if eval $compile_ok; then
if $run ./try; then
    echo "Your vsprintf() returns (int)." >&4
    val2="$undef"
else
    echo "Your vsprintf() returns (char*)." >&4
    val2="$define"
fi
else
    echo 'I am unable to compile the vsprintf() test program.' >&4
    #
    We shouldn't get here. If we do, assume the standard signature,
    # not the old BSD one.
    echo 'Guessing that vsprintf() returns (int).' >&4
    val2="$undef"
fi
else
    echo 'vprintf() NOT found.' >&4
    val="$undef"
    val2="$undef"
fi
$rm_try
set d_vprintf
eval $setvar
val=$val2
set d_charvspr
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_vprintf.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vendorman1dir.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999, Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: vendorman1dir.U,v $
?RCS: Revision 1.1 1999/07/08 18:32:57 doughera
?RCS: Initial revision
?RCS:
?MAKE:vendorman1dir vendorman1direxp installvendorman1dir: man1dir Getfile \
Oldconfig Setprefixvar Prefixit test vendorprefix prefix sed
?MAKE: -pick add $@ %<
?Y:TOP
?S:vendorman1dir:
?S: This variable contains the name of the directory for man1
?S: pages. It may have a ~ on the front.
?S: The standard distribution will put nothing in this directory.
?S: Vendors
    who distribute perl may wish to place their own
?S: man1 pages in this directory with
?S: MakeMaker Makefile.PL INSTALLDIRS=vendor
?S: or equivalent. See INSTALL for details.
?S:.
?S:vendorman1direxp:
?S: This variable is the ~name expanded version of vendorman1dir, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installvendorman1dir="
?S:installvendorman1dir:
?S: This variable is really the same as vendorman1direxp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?LINT:change prefixvar
?LINT:set installvendorman1dir
: Set the vendorman1dir variables
case "$vendorprefix" in
") vendorman1dir="
vendorman1direxp="
;;
*) : determine where vendor-supplied manual pages go.
```

```

case "$vendorman1dir" in
") dflt=`echo "$man1dir" | $sed "s#^$prefix#$vendorprefix#"` ;;
*) dflt=$vendorman1dir ;;
esac
case "$dflt" in
"|' ) dflt=none ;;
esac
fn=nd~+
rp='Pathname for
the vendor-supplied manual section 1 pages?'
./getfile
vendorman1dir="$ans"
vendorman1direxp="$ansexp"
;;
esac
: Use ' ' for none so value is preserved next time through Configure
$test X"$vendorman1dir" = "X" && vendorman1dir=' '
prefixvar=vendorman1dir
./installprefix

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorman1dir.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_safemcpy.U,v 3.0.1.5 1997/02/28 15:41:12 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_safemcpy.U,v $
?RCS: Revision 3.0.1.5 1997/02/28 15:41:12 ram
?RCS: patch61: improved overlapping copy check
?RCS: patch61: comfort them if they have memmove
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.4 1995/07/25 13:58:46 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.3 1995/03/21 08:47:26 ram
?RCS: patch52: swapped two first arguments of memcopy() calls
?RCS:
?RCS:

```



```

Revision 3.0.1.2 1994/10/29 16:15:10 ram
?RCS: patch36: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:53:12 ram
?RCS: patch23: ensure string is not optimized in read-only memory (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:58 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_safemcpy: Compile cat d_memcpy rm_try run \
d_memmove i_memory i_stdlib i_string i_unistd Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_safemcpy:
?S: This variable conditionally defines the HAS_SAFE_MEMCPY symbol if
?S: the memcpy() routine can do overlapping copies.
?S: For overlapping copies, memmove() should be used, if available.
?S:.
?C:HAS_SAFE_MEMCPY (SAFE_MEMCPY):
?C: This symbol, if defined, indicates that the memcpy routine is available
?C: to copy potentially overlapping memory blocks. If you need to
?C: copy overlapping memory blocks, you should check HAS_MEMMOVE and
?C: use memmove() instead, if available.
?C:.
?H:#$d_safemcpy HAS_SAFE_MEMCPY /**/
?H:.
?F:!try
?LINT:
set d_safemcpy
: can memcpy handle overlapping blocks?
echo " "
?X: assume the worst
val="$undef"
case "$d_memmove" in
"$define") echo "I'll use memmove() instead of memcpy() for overlapping copies." ;;
*) case "$d_memcpy" in
"$define")
echo "Checking to see if memcpy() can do overlapping copies..." >&4
$cat >try.c <<EOCP
#$i_memory I_MEMORY
#$i_stdlib I_STDLIB
#$i_string I_STRING
#$i_unistd I_UNISTD
EOCP
$cat >>try.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
# include <memory.h>
#endif

```

```

#ifdef I_STDLIB
# include <stdlib.h>
#endif
#ifdef I_STRING
# include <string.h>
#else
# include <strings.h>
#endif
#ifdef I_UNISTD
# include <unistd.h> /* Needed for NetBSD */
#endif
int main()
{
char buf[128], abc[128];
char *b;
int len;
int off;
int align;

/* Copy "abcde..." string to char abc[] so that gcc doesn't
   try to store the string in read-only memory. */
memcpy(abc, "abcdefghijklmnopqrstuvwxy0123456789", 36);

for (align = 7; align >=
0; align--) {
for (len = 36; len; len--) {
b = buf+align;
memcpy(b, abc, len);
for (off = 1; off <= len; off++) {
memcpy(b+off, b, len);
memcpy(b, b+off, len);
if (memcmp(b, abc, len))
exit(1);
}
}
}
exit(0);
}
EOCP
set try
if eval $compile_ok; then
if $run ./try 2>/dev/null; then
echo "Yes, it can."
val="$define"
else
echo "It can't, sorry."
fi
else

```

```
    echo "(I can't compile the test program, so we'll assume not...)"
fi
;;
esac
$rm_try
;;
esac
set d_safemcpy
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_safemcpy.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_pread.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_pread.U,v $
```

```
?RCS:
```

```
?MAKE:d_pread: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_pread:
```

```
?S: This variable conditionally defines the HAS_PREAD symbol, which
```

```
?S: indicates to the C program that the pread() routine is available.
```

```
?S:.
```

```
?C:HAS_PREAD :
```

```
?C: This symbol, if defined, indicates that the pread routine is
```

```
?C: available to perform reads on a file descriptor at a given offset.
```

```
?C:.
```

```
?H:#$d_pread HAS_PREAD /**/
```

```
?H:.
```

```
?LINT:set d_pread
```

```
: see if pread exists
```

```
set
```

```
    pread d_pread
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pread.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gethbyad.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_gethbyaddr: Inlibc
?MAKE:-pick add $@ %<
?S:d_gethbyaddr:
?S: This variable conditionally defines the HAS_GETHOSTBYADDR symbol, which
?S: indicates to the C program that the gethostbyaddr() routine is available
?S: to look up hosts by their IP addresses.
?S:.
?C:HAS_GETHOSTBYADDR:
?C: This symbol, if defined, indicates that the gethostbyaddr() routine is
?C: available to look up hosts by their IP addresses.
?C:.
?H:#$d_gethbyaddr HAS_GETHOSTBYADDR /**/
?H:.
?LINT:set d_gethbyaddr
: see if gethostbyaddr exists
set gethostbyaddr d_gethbyaddr
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_gethbyad.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_difftime.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_difftime.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:07:31 ram
?RCS: patch32: created by ADO
?RCS:
```

```
?MAKE:d_difftime: Inlibc
?MAKE: -pick add $@ %<
?S:d_difftime:
?S: This variable conditionally defines the HAS_DIFFTIME symbol, which
?S: indicates to the C program that the difftime() routine is available.
?S:.
?C:HAS_DIFFTIME :
?C: This symbol, if defined, indicates that
the difftime routine is
?C: available.
?C:.
?H:#$d_difftime HAS_DIFFTIME /**/
?H:.
?LINT:set d_difftime
: see if difftime exists
set difftime d_difftime
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_difftime.U
```

No license file was found, but licenses were detected in source scan.

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

```
?MAKE:d_memrchr: Inlibc Hasproto d_gnulibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_memrchr:
```

?S: This variable conditionally defines the HAS_MEMRCHR symbol, which

?S: indicates to the C program that the memrchr() routine is available

?S: to return a pointer to the last occurrence of a byte in a memory

?S: area (or NULL if not found).

?S:.

```
?C:HAS_MEMRCHR:
```

?C: This symbol, if defined, indicates that the memrchr routine is

?C: available to return a pointer to the last occurrence of a byte in

?C: a memory area (or NULL if not found).

?C:.

```
?H:#$d_memrchr HAS_MEMRCHR /**/
```

```
?H:.
```

```
?T:d_memrchr_proto xx1 xx2 xx3 xx4
```

```
?LINT:set d_memrchr
```

```
: see if memrchr exists
```

```
: We need both a prototype in string.h and the symbol in libc.
```

```
echo " "
```

```
d_memrchr_proto="
```

```
xx1="#$d_gnulibc HAS_GNULIBC"
```

```

xx2='#if defined(HAS_GNULIBC)
&& !defined(_GNU_SOURCE)'
xx3='# define _GNU_SOURCE'
xx4='#endif'
set d_memrchr_proto memrchr literal "$xx1" literal "$xx2" literal "$xx3" literal "$xx4" define string.h
eval $hasproto
case "$d_memrchr_proto" in
  define) # see if memrchr exists
set memrchr d_memrchr
eval $inlibc
;;
  *) val=$undef
set d_memrchr
eval $setvar
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_memrchr.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_cuserid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_cuserid.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:07:25 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_cuserid: Inlibc
?MAKE: -pick add $@ %<
?S:d_cuserid:
?S: This variable conditionally defines the HAS_CUSERID symbol, which
?S: indicates to the C program that the cuserid() routine is available
?S: to get character login names.
?S:.
?C:HAS_CUSERID :
?C: This symbol,

```

if defined, indicates that the cuserid routine is

?C: available to get character login names.

?C:.

?H:#\$d_cuserid HAS_CUSERID /**/

?H:.

?LINT:set d_cuserid

: see if cuserid exists

set cuserid d_cuserid

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_cuserid.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_asinh: Inlibc

?MAKE: -pick add \$@ %<

?S:d_asinh:

?S: This variable conditionally defines the HAS_ASINH symbol, which

?S: indicates to the C program that the asinh() routine is available.

?S:.

?C:HAS_ASINH:

?C: This symbol, if defined, indicates that the asinh routine is

?C: available to do the inverse hyperbolic sine function.

?C:.

?H:#\$d_asinh HAS_ASINH /**/

?H:.

?LINT:set d_asinh

: see if asinh exists

set asinh d_asinh

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_asinh.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: intsize.U,v 3.0.1.2 1997/02/28 15:55:26 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: intsize.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:55:26 ram

?RCS: patch61: avoid prompting the user if the test runs ok

?RCS: patch61: moved code from longsize.U into there

?RCS: patch61: new tests for shortsize as well

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:21:06 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:52 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:intsize longsize

shortsize: Compile Myread cat run i_stdlib rm_try

?MAKE: -pick add \$@ %<

?S:intsize:

?S: This variable contains the value of the INTSIZE symbol, which

?S: indicates to the C program how many bytes there are in an int.

?S:.

?S:longsize:

?S: This variable contains the value of the LONGSIZE symbol, which

?S: indicates to the C program how many bytes there are in a long.

?S:.

?S:shortsize:

?S: This variable contains the value of the SHORTSIZE symbol which

?S: indicates to the C program how many bytes there are in a short.

?S:.

?C:INTSIZE:

?C: This symbol contains the value of sizeof(int) so that the C

?C: preprocessor can make decisions based on it.

?C:.

?C:LONGSIZE:

?C: This symbol contains the value of sizeof(long) so that the C

?C: preprocessor can make decisions based on it.

?C:.

?C:SHORTSIZE:

?C: This symbol contains the value of sizeof(short) so that the C

?C: preprocessor can make decisions based on it.

?C:.

?H:#define INTSIZE \$intsize /**/

?H:#define LONGSIZE \$longsize /**/

?H:#define

SHORTSIZE \$shortsize /**/

?H:.

?F:!try

: check for lengths of integral types


```

echo " "
case "$intsize" in
")
echo "Checking to see how big your integers are..." >&4
$cat >try.c <<EOCP
#include <stdio.h>
#$i_stdlib L_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main()
{
@if INTSIZE || intsize
printf("intsize=%d;\n", (int)sizeof(int));
@end
@if LONGSIZE || longsize
printf("longsize=%d;\n", (int)sizeof(long));
@end
@if SHORTSIZE || shortsize
printf("shortsize=%d;\n", (int)sizeof(short));
@end
exit(0);
}
EOCP
set try
if eval $compile_ok && $run ./try > /dev/null; then
eval ` $run ./try `
@if INTSIZE || intsize
echo "Your integers are $intsize bytes long."
@end
@if LONGSIZE || longsize
echo "Your long integers are $longsize bytes long."
@end
@if SHORTSIZE || shortsize
echo "Your short integers are $shortsize bytes long."
@end
else
$cat >&4 <<EOM
!
Help! I can't compile and run the intsize test program: please enlighten me!
(This is probably a misconfiguration
in your system or libraries, and
you really ought to fix it. Still, I'll try anyway.)
!
EOM
@if INTSIZE || intsize
dflt=4
rp="What is the size of an integer (in bytes)?"

```

```

./myread
intsize="$ans"
@end
@if LONGSIZE || longsize
dflt=$intsize
rp="What is the size of a long integer (in bytes)?"
./myread
longsize="$ans"
@end
@if SHORTSIZE || shortsize
dflt=2
rp="What is the size of a short integer (in bytes)?"
./myread
shortsize="$ans"
@end
fi
;;
esac
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/a_dvisory/intsize.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000, Andy Dougherty

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:versiononly: cat Myread Setvar Devel

?MAKE: -pick add \$@ %<

?LINT:set versiononly

?Y:TOP

?S:versiononly:

?S: If set, this symbol indicates that only the version-specific

?S: components of a perl installation should be installed.

?S: This may be useful for making a test installation of a new

?S: version without disturbing the existing installation.

?S: Setting versiononly is equivalent to setting installperl's -v option.

?S: In particular, the non-versioned scripts and programs such as

?S: a2p, c2ph, h2xs, pod2*, and perldoc

```

are not installed
?S: (see INSTALL for a more complete list). Nor are the man
?S: pages installed.
?S: Usually, this is undef.
?S:.
?LINT:extern inc_version_list
?LINT:change inc_version_list
?LINT:extern inc_version_list_init
?LINT:change inc_version_list_init
?LINT:extern version
: determine whether to use a version number suffix for installed binaries
echo " "
$cat <<EOM

```

Do you want to use a version number suffix for installed binaries? This will install 'perl\$version' instead of 'perl', and likewise for other binaries like 'perldoc' and 'cpan'. This allows many versions of perl to be installed side-by-side. Unless you are a developer, you probably do *not* want to do this.

```

EOM
case "$versiononly" in
"$define"|[Yy]*|true) dflt='y' ;;
*) dflt='n';
esac
rp="Do you want to use a version number suffix for installed binaries?"
./myread
case "$ans" in
[yY]*) val="$define";;
*) val="$undef" ;;
esac
set versiononly
eval $setvar

case "$versiononly" in
"$define") inc_version_list="
            inc_version_list_init=0
            ;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/versiononly.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_hasmntopt: Inlibc

?MAKE: -pick add \$@ %<

?S:d_hasmntopt:

?S: This variable conditionally defines the HAS_HASMNTOPT symbol, which

?S: indicates to the C program that the hasmntopt() routine is available

?S: to query the mount options of file systems.

?S:.

?C:HAS_HASMNTOPT:

?C: This symbol, if defined, indicates that the hasmntopt routine is

?C: available to query the mount options of file systems.

?C:.

?H:#\$d_hasmntopt HAS_HASMNTOPT /**/

?H:.

?LINT:set d_hasmntopt

: see if hasmntopt exists

set hasmntopt d_hasmntopt

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_hasmntopt.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_hypot: Inlibc

?MAKE: -pick add \$@ %<

?S:d_hypot:

?S: This variable conditionally defines HAS_HYPOT if hypot is available

?S: for numerically stable hypotenuse function.

?S:.

?C:HAS_HYPOT:

?C: This symbol, if defined, indicates that the hypot routine is

?C: available to do the hypotenuse function.

?C:.

?H:#\$d_hypot HAS_HYPOT /**/

?H:.

?LINT:set d_hypot

: see if hypot exists

set hypot d_hypot

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_hypot.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysresrc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysresrc.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:34 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Look wether <sys/resource.h> needs to be included
?X:
?MAKE:i_sysresrc: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysresrc:
?S: This variable conditionally defines the I_SYS_RESOURCE symbol,
?S: and indicates whether a C program should include <sys/resource.h>.
?S:
?C:I_SYS_RESOURCE (I_SYSRESOURCE):
?C: This symbol, if defined, indicates
?C: to the C program that it should
?C: include <sys/resource.h>.
?C:
?H:#$i_sysresrc I_SYS_RESOURCE /**/
?H:
?LINT:set i_sysresrc
: see if sys/resource.h has to be included
set sys/resource.h i_sysresrc
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysresrc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_byacc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```

?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_byacc.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:31:14 ram
?RCS: patch61: created
?RCS:
?MAKE:d_byacc: byacc Setvar
?MAKE: -pick add $@ %<
?S:d_byacc:
?S: This variable indicates whether byacc is available.
?S: If the user has specified 'portability', then Makefile.SH
?S: sees $byacc='byacc' whether or not the user actually has
?S: byacc. This variable allows us to determine in a makefile
?S: if we really
?S: have byacc.
?S:.
?LINT:set d_byacc
: Check if we really have byacc
case "$byacc" in
|"byacc") val="$sundef" ;;
*) val="$sdefine" ;;
esac
set d_byacc
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_byacc.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: cf_name.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: cf_name.U,v $
?RCS: Revision 3.0.1.2 1994/05/06 14:29:36 ram
?RCS: patch23: fixed user name computation from /etc/passwd in bsd systems

```

```

?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:05:11 ram
?RCS: patch16: created
?RCS:
?RCS:
?MAKE:+cf_name: cf_by passcat Filexp nametype cat test
?MAKE: -pick add $@ %<
?S:cf_name:
?S: Full name of the person who ran the Configure script and
answered the
?S: questions. This can be used by units that require the user's full name.
?S: This variable is for internal use only.
?S:.
?T:xxx fn NAME
: figure out their full name
case "$NAME" in
") case "$nametype" in
other)
fn=`./filexp ~/.fullname`
xxx=usg
$test -f $fn && xxx=other
;;
*)
xxx="$nametype"
;;
esac

case "$xxx" in
bsd)
cf_name=`$passcat | grep "^$cf_by:" | \
sed -e 's/^[^:]*:[^:]*:[^:]*:[^:]*:([[:^:]]*):.*\1/' \
-e 's/,.*//'^
;;
usg)
cf_name=`$passcat | grep "^$cf_by:" | \
sed -e 's/^[^:]*:[^:]*:[^:]*:[^:]*:([[:^:]]*):.*\1/' \
-e 's/[^~]*-([[:^:]]*)(.*)\1/'^
;;
*)
cf_name=`$cat $fn`
;;
esac
;;
*)
cf_name="$NAME"
;;
esac
?X:

```

?X: In the original unit, Graham asked for the user name, in case the above
?X: code was unable to figure it out correctly. Since now cf_name has been
?X: made an internal variable only (i.e. it is not saved in config.sh), letting
?X: the user override the computed default each time would be a pain.

?X:

Therefore, I have decided to trust the above code to get it right, and for
?X: those rare cases where it will fail, too bad :-)--RAM.

?X:

echo " "

echo "Pleased to meet you, \$cf_name."

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cf_name.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_dbl_dig.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_dbl_dig.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:07:28 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d_dbl_dig: Myread contains cat rm Setvar i_limits i_float \

cppstdin cppflags cppminus

?MAKE: -pick add \$@ %<

?S:d_dbl_dig:

?S: This variable conditionally defines d_dbl_dig if this system's

?S: header files provide DBL_DIG, which is the number of significant

?S: digits

in a double precision number.

?S:.

?C:HAS_DBL_DIG:

?C: This symbol, if defined, indicates that this system's <float.h>

?C: or <limits.h> defines the symbol DBL_DIG, which is the number

?C: of significant digits in a double precision number. If this

?C: symbol is not defined, a guess of 15 is usually pretty good.

?C:.

?H:#\$d_dbl_dig HAS_DBL_DIG /**/


```

?H:
?F:!dbl_dig.c
?LINT:set d_dbl_dig
: See if number of significant digits in a double precision number is known
echo " "
$cat >dbl_dig.c <<EOM
#i_limits I_LIMITS
#i_float I_FLOAT
#ifdef I_LIMITS
#include <limits.h>
#endif
#ifdef I_FLOAT
#include <float.h>
#endif
#ifdef DBL_DIG
printf("Contains DBL_DIG");
#endif
EOM
$cpstdin $cpflags $cpminus < dbl_dig.c >dbl_dig.E 2>/dev/null
if $contains 'DBL_DIG' dbl_dig.E >/dev/null 2>&1; then
echo "DBL_DIG found." >&4
val="$define"
else
echo "DBL_DIG NOT found." >&4
val="$undef"
fi
$rm -f dbl_dig.?
set d_dbl_dig
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_dbl_dig.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setnent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: d_setnent.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
?MAKE:d_setnent: Inlibc
?MAKE: -pick add $@ %<
?S:d_setnent:
?S: This variable conditionally defines HAS_SETNETENT if setnent() is
?S: available.
?S:.
?C:HAS_SETNETENT:
?C: This symbol, if defined, indicates that the setnent() routine is
?C: available.
?C:.
?H:#$d_setnent HAS_SETNETENT /**/
?H:.
?LINT:set d_setnent
: see if setnent exists
set
setnent d_setnent
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setnent.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getpgrp2.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_getpgrp2.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:15 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getpgrp2: Inlibc
?MAKE: -pick add $@ %<
?S:d_getpgrp2:
?S: This variable conditionally defines the HAS_GETPGRP2 symbol, which
?S: indicates to the C program that the getpgrp2() (as in DG/UX) routine
?S: is available to get the current process group.
?S:.
?C:HAS_GETPGRP2 (GETPGRP2):
?C: This symbol, if defined, indicates that the
```

```
getpgrp2() (as in DG/UX)
?C: routine is available to get the current process group.
?C:.
?H:#$d_getpgrp2 HAS_GETPGRP2 /**/
?H:.
?LINT:set d_getpgrp2
: see if getpgrp2 exists
set getpgrp2 d_getpgrp2
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getpgrp2.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: nis.U,v 3.0.1.3 1997/02/28 16:17:38 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: nis.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 16:17:38 ram
?RCS: patch61: ensure suitable defaults for hostcat and friends
?RCS:
?RCS: Revision 3.0.1.2 1995/03/21 08:48:34 ram
?RCS: patch52: continued fix for NeXT NIS/NetInfo handling
?RCS:
?RCS: Revision 3.0.1.1 1995/02/15 14:16:23 ram
?RCS: patch51: now correctly handles NeXT using NIS rather than NetInfo
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:24 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:passcat
groupcat hostcat: Myread Oldconfig test contains
?MAKE: -pick add $@ %<
?S:passcat:
?S: This variable contains a command that produces the text of the
?S: /etc/passwd file. This is normally "cat /etc/passwd", but can be
?S: "ypcat passwd" when NIS is used.
?S: On some systems, such as os390, there may be no equivalent
?S: command, in which case this variable is unset.
?S:.
```

?S:groupcat:

?S: This variable contains a command that produces the text of the

?S: /etc/group file. This is normally "cat /etc/group", but can be

?S: "ypcat group" when NIS is used.

?S: On some systems, such as os390, there may be no equivalent

?S: command, in which case this variable is unset.

?S:.

?S:hostcat:

?S: This variable contains a command that produces the text of the

?S: /etc/hosts file. This is normally "cat /etc/hosts", but can be

?S: "ypcat hosts" when NIS is used.

?S: On some systems, such as os390, there may be no equivalent

?S: command, in which case this variable is unset.

?S:.

:

see if we have to deal with yellow pages, now NIS.

?X: NeXT gives us some fun here, as always, by having both NIS (former YP)

?X: and NetInfo. But since it has both, it's ok to put the test inside the if.

?X: Contributed by Thomas Neumann <tom@smart.bo.open.de>.

```
if $test -d /usr/etc/yp || $test -d /etc/yp || $test -d /usr/lib/yp; then
```

```
@if passcat || groupcat
```

```
case "$passcat" in
```

```
  nidump*) ;;
```

```
  *)
```

```
    case "$passcat" in
```

```
      *ypcat*) dflt=y;;
```

```
      *) if $contains '^\\+' /etc/passwd >/dev/null 2>&1; then
```

```
        dflt=y
```

```
      else
```

```
        dflt=n
```

```
      fi;;
```

```
    *) dflt=n;;
```

```
  esac
```

```
  echo " "
```

```
  rp='Are you getting the passwd file via yellow pages?'
```

```
  ./myread
```

```
  case "$ans" in
```

```
    y*) passcat='ypcat passwd'
```

```
@if groupcat
```

```
  echo "(Assuming /etc/group is also distributed.)"
```

```
  groupcat='ypcat group'
```

```
@end
```

```
;;
```

```
*) passcat='cat /etc/passwd'
```

```
@if groupcat
```

```
  echo "(Assuming /etc/group is also local.)"
```

```
  groupcat='cat /etc/group'
```

```
@end
```

```

;;
esac
;;
esac
@end
@if hostcat
case "$hostcat" in
nidump*) ;;
*)
case
"$hostcat" in
*yocat*) dflt=y;;
") if $contains '\+' /etc/passwd >/dev/null 2>&1; then
dflt=y
else
dflt=n
fi;;
*) dflt=n;;
esac
echo " "
rp='Are you getting the hosts file via yellow pages?'
./myread
case "$ans" in
y*) hostcat='ypcat hosts';;
*) hostcat='cat /etc/hosts';;
esac
;;
esac
@end
fi
?X: Ensure suitable default -- Manoj Srivastava
case "$hostcat" in
") test -f /etc/hosts && hostcat='cat /etc/hosts';;
esac
case "$groupcat" in
") test -f /etc/group && groupcat='cat /etc/group';;
esac
case "$passcat" in
") test -f /etc/passwd && passcat='cat /etc/passwd';;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/nis.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_PORTAR.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_PORTAR.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:08:42 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:40 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_PORTAR: cat +cc rm Setvar
?MAKE: -pick add $@ %<
?S:d_PORTAR:
?S: This variable conditionally handles definition of PORTAR,
?S: a creation of greater minds than I can imagine.
?S:.
?C:PORTAR:
?C: This manifest constant must
?C: be defined to 1 for some implementations
?C: of ar.h to get the portable ar most everybody uses.
?C:.
?L:ar_fmags:
?L:ARFMAG:
?L:SARMAG:
?H:#$d_PORTAR PORTAR 1 /**/
?H:.
?F:!portar
?LINT:set d_PORTAR
: see if we need to define PORTAR
echo " "
echo 'Checking to see if we need to define PORTAR for portable archives...'>&4
$cat >portar.c <<'EOCP'
#include <ar.h>
int main() {
    char *arfmag = ARFMAG;
    int sarmag = SARMAG;
    struct ar_hdr arh;

    strncpy(arh.ar_fmags, arfmag, 2);

#ifdef PORTAR
    printf("D\n");
#else

```

```

printf("U\n");
#endif
exit(0);}
EOCP
if $cc -o portar portar.c >/dev/null 2>&1 || \
$cc -DPORTAR=1 -o portar portar.c >/dev/null 2>&1 ; then
case "`./portar`" in
D)
val="$define"
echo "We'll be defining PORTAR for you."
;;
U)
val="$undef"
echo "We don't seem to need PORTAR defined here."
;;
*)
val="$define"
echo "(My test program gave me an unexpected value!)"
echo "I'll just define PORTAR to be sure."
;;
esac
else
echo "(Strange, I couldn't get my test
program to compile.)"
echo "We'll just define PORTAR in this case."
val="$define"
fi
set d_PORTAR
eval $setvar
$rm -f portar*

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_PORTAR.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_fchmod.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_fchmod.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:59 ram

?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_fchmod: Inlibc
?MAKE: -pick add \$@ %<
?S:d_fchmod:
?S: This variable conditionally defines the HAS_FCHMOD symbol, which
?S: indicates to the C program that the fchmod() routine is available
?S: to change mode of opened files.
?S:.
?C:HAS_FCHMOD (FCHMOD):
?C: This symbol, if defined, indicates that the fchmod routine is available
?C: to
change mode of opened files. If unavailable, use chmod().
?C:.
?H:#\$d_fchmod HAS_FCHMOD /**/
?H:.
?LINT:set d_fchmod
: see if fchmod exists
set fchmod d_fchmod
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fchmod.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 2001, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS:
?MAKE:d_dirfd: Compile cat rm Setvar i_dirent i_sysdir i_sysndir i_systypes i_stdlib
?MAKE: -pick add \$@ %<
?S:d_dirfd:
?S: This variable conditionally defines the HAS_DIRFD constant,
?S: which indicates to the C program that dirfd() is available
?S: to return the file descriptor of a directory stream.
?S:.
?C:HAS_DIRFD:
?C: This manifest constant lets the C program know that dirfd
?C: is available.
?C:.


```

?H:#$d_dirfd HAS_DIRFD /**/
?H:.
?LINT:set d_dirfd
?X: Can't use Inlibc because dirfd() might be a macro.
: Look
  for dirfd
  echo " "
$cat >dirfd.c <<EOM
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#$i_dirent I_DIRENT /**/
#$i_sysdir I_SYS_DIR /**/
#$i_sysndir I_SYS_NDIR /**/
#$i_systypes I_SYS_TYPES /**/
#if defined(I_SYS_TYPES)
#include <sys/types.h>
#endif
#if defined(I_DIRENT)
#include <dirent.h>
#else
#ifdef I_SYS_NDIR
#include <sys/ndir.h>
#else
#ifdef I_SYS_DIR
#include <sys/dir.h>
#endif
#endif
#endif
int main() {
  DIR *dirp = opendir(".");
  if (dirfd(dirp) >= 0)
    exit(0);
  else
    exit(1);
}
EOM
val=$undef
set dirfd
if eval $compile; then
  val="$define"
fi
case "$val" in
$define) echo "dirfd() found." >&4 ;;
*) echo "dirfd() NOT found." >&4 ;;
esac

```

```
set d_dirfd
eval $setvar
$rm -f dirfd*
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_dirfd.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vendorprefix.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999 Andy Dougherty
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: vendorprefix.U,v $
```

```
?RCS: Revision 1.1 1999/07/08 18:32:57 doughera
```

```
?RCS: Initial revision
```

```
?RCS:
```

```
?MAKE:usevendorprefix vendorprefix vendorprefixexp +oldvendorprefix: \
```

```
Getfile Loc Oldconfig cat prefix Myread
```

```
?MAKE: -pick add $@ %<
```

```
?S:usevendorprefix:
```

```
?S: This variable tells whether the vendorprefix
```

```
?S: and consequently other vendor* paths are in use.
```

```
?S:.
```

```
?S:vendorprefix:
```

```
?S: This variable holds the full absolute path of the directory below
```

```
?S: which
```

```
the vendor will install add-on packages.
```

```
?S: See INSTALL for usage and examples.
```

```
?S:.
```

```
?S:vendorprefixexp:
```

```
?S: This variable holds the full absolute path of the directory below
```

```
?S: which the vendor will install add-on packages. Derived from vendorprefix.
```

```
?S:.
```

```
?S:oldvendorprefix:
```

```
?S: This variable is set non-null if the vendorprefix was previously defined
```

```
?S: and gets set to a new value. Used internally by Configure only.
```

```
?S:.
```

```
: Set the vendorprefix variables
```

```
$cat <<EOM
```

The installation process will also create a directory for

vendor-supplied add-ons. Vendors who supply perl with their system may find it convenient to place all vendor-supplied files in this directory rather than in the main distribution directory. This will ease upgrades between binary-compatible maintenance versions of perl.

Of course you may also use these directories in whatever way you see fit. For example, you might use them to access modules shared over a company-wide network.

The default answer should be fine for most people.

This causes further questions about vendor add-ons to be skipped and no vendor-specific directories will be configured for perl.

EOM

```
rp='Do you want to configure vendor-specific add-on directories?'
case "$usevendorprefix" in
define|true|[yY]*) dflt=y ;;
*) : User may have set vendorprefix directly on Configure command line.
case "$vendorprefix" in
'|' ) dflt=n ;;
*) dflt=y ;;
esac
;;
esac
. ./myread
case "$ans" in
[yY]*) fn=d~+
rp='Installation prefix to use for vendor-supplied add-ons?'
case "$vendorprefix" in
") dflt="$prefix" ;;
*) dflt=$vendorprefix ;;
esac
. ./getfile
: XXX Prefixit unit does not yet support siteprefix and vendorprefix
oldvendorprefix="
case "$vendorprefix" in
") ;;
*) case "$ans" in
"$prefix" ) ;;
*) oldvendorprefix="$prefix" ;;
esac
;;
esac
usevendorprefix="$define"
vendorprefix="$ans"
vendorprefixexp="$ansexp"
;;
```

```
*) usevendorprefix="$undef"  
vendorprefix="  
vendorprefixexp="  
;;  
esac
```

Found in path(s):

*

```
/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-  
5.30.0/U/installdirs/vendorprefix.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_strtoull: Inlibc d_longlong Compile cat run

?MAKE: -pick add \$@ %<

?S:d_strtoull:

?S: This variable conditionally defines the HAS_STRTOULL symbol, which

?S: indicates to the C program that the strtoull() routine is available.

?S:.

?C:HAS_STRTOULL:

?C: This symbol, if defined, indicates that the strtoull routine is

?C: available to convert strings to unsigned long longs.

?C:.

?H:#\$d_strtoull HAS_STRTOULL /**/

?H:.

?F:!try

: see if strtoull exists

set strtoull d_strtoull

eval \$inlibc

case "\$d_longlong-\$d_strtoull" in

"\$define-\$define")

\$cat <<EOM

Checking whether your strtoull() works okay...

EOM

\$cat >try.c <<'EOCP'

#include <errno.h>

#ifdef __hpux

#define strtoull __strtoull

#endif

#include

```

<stdio.h>
extern unsigned long long int strtoull(char *s, char **, int);
static int bad = 0;
int check(char *s, long long eull, int een) {
    long long gull;
    errno = 0;
    gull = strtoull(s, 0, 10);
    if (!(gull == eull) && (errno == een))
        bad++;
}
int main() {
    check(" 1",          1LL, 0);
    check(" 0",          0LL, 0);
    check("18446744073709551615", 18446744073709551615ULL, 0);
    check("18446744073709551616", 18446744073709551615ULL, ERANGE);
    #if 0 /* strtoull() for /^-/ strings is undefined. */
    check("-1",          18446744073709551615ULL, 0);
    check("-18446744073709551614",      2LL, 0);
    check("-18446744073709551615",      1LL, 0);
    check("-18446744073709551616", 18446744073709551615ULL, ERANGE);
    check("-18446744073709551617", 18446744073709551615ULL, ERANGE);
    #endif
    if (!bad)
        printf("ok\n");
}
EOCP
set try
if eval $compile; then
    case "$run ./try`" in
        ok) echo "Your strtoull()
seems to be working okay." ;;
        *) cat <<EOM >&4
Your strtoull() doesn't seem to be working okay.
EOM
    d_strtoull="$undef"
    ;;
    esac
else
    echo "(I can't seem to compile the test program--assuming it doesn't)"
    d_strtoull="$undef"
fi
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtoull.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_socklen_t: Inhdr cat rm_try Setvar Compile d_socket sizetype
?MAKE: -pick add $@ %<
?S:d_socklen_t:
?S: This symbol will be defined if the C compiler supports socklen_t.
?S:.
?C:HAS_SOCKET:
?C: This symbol will defined if the C compiler supports socklen_t.
?C: Usually the <sys/socket.h> needs to be included.
?C:.
?H:#$d_socklen_t HAS_SOCKET      /**/
?H:.
?LINT:set d_socklen_t
: check for socklen_t
echo " "
echo "Checking to see if you have socklen_t..." >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#$d_socket
HAS_SOCKET
#ifdef HAS_SOCKET
#include <sys/socket.h>
#endif
int main() { socklen_t x = 16; }
EOCP
set try
if eval $compile; then
val="$define"
echo "You have socklen_t."
else
val="$undef"
echo "You do not have socklen_t."
case "$sizetype" in
size_t) echo "(You do have size_t, that might work. Some people are happy with just an int.)" ;;
esac
fi
$rm_try
```

```
set d_socklen_t
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_socklen_t.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_llrint: Inlibc

?MAKE: -pick add \$@ %<

?S:d_llrint:

?S: This variable conditionally defines the HAS_LLRLINT symbol, which

?S: indicates to the C program that the llrint() routine is available

?S: to return the long long value closest to a double (according

?S: to the current rounding mode).

?S:.

?C:HAS_LLRLINT:

?C: This symbol, if defined, indicates that the llrint routine is

?C: available to return the long long value closest to a double

?C: (according to the current rounding mode).

?C:.

?H:#\$d_llrint HAS_LLRLINT /**/

?H:.

?LINT:set d_llrint

: see if llrint exists

set llrint d_llrint

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_llrint.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_netdb.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_netdb: Inhdr

?MAKE: -pick add \$@ %<

?S:i_netdb:

?S: This variable conditionally defines the I_NETDB symbol, and indicates

?S: whether a C program should include <netdb.h>.

?S:
?C:I_NETDB:
?C: This symbol, if defined, indicates that <netdb.h> exists and
?C: should be included.

?C:
?H:#\$i_netdb I_NETDB /**/

?H:
?LINT:set i_netdb
: see if this is a netdb.h system
set netdb.h i_netdb
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_netdb.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_sigvec.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_sigvec.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:45:37 ram

?RCS: patch61: there is now a separate routine for sigaction()

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:24 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X: d_sigvec.U, from d_ftime.U 1.0

?X:

?MAKE:d_sigvec d_sigvectr d_sigintrp: Csym Inlibc Setvar

?MAKE: -pick add \$@ %<

?S:d_sigvec:

?S: This variable conditionally defines the HAS_SIGVEC symbol, which indicates

?S: that BSD

reliable signals are supported.

?S:.

?S:d_sigvectr:

?S: This variable conditionally defines the HAS_SIGVECTOR symbol, which

?S: indicates that the sigvec() routine is called sigvector() instead, for

?S: reasons known only to Hewlett-Packard.

?S:.


```

?S:d_sigintrp:
?S: This variable conditionally defines the HAS_SIGINTRP symbol, which
?S: indicates that the siginterrupt() routine is available.
?S:.
?C:HAS_SIGVEC (SIGVEC):
?C: This symbol, if defined, indicates that BSD reliable signals are
?C: supported.
?C:.
?C:HAS_SIGVECTOR (SIGVECTOR):
?C: This symbol, if defined, indicates that the sigvec() routine is called
?C: sigvector() instead, and that sigspace() is provided instead of
?C: sigstack(). This is probably only true for HP-UX.
?C:.
?C:HAS_SIGINTRP (SIGINTRP):
?C: This symbol, if defined, indicates that the siginterrupt() routine
?C: is available.
?C:.
?H:#$d_sigvec HAS_SIGVEC /**/
?H:#$d_sigvectr HAS_SIGVECTOR /**/
?H:#$d_sigintrp HAS_SIGINTRP /**/
?H:.
?T:val
?LINT:set d_sigvec d_sigintrp
@if
d_sigvectr || d_sigvec || HAS_SIGVEC || HAS_SIGVECTOR
: see if sigvector exists -- since sigvec will match the substring
echo " "
if set sigvector val -f d_sigvectr; eval $csym; $val; then
echo 'sigvector() found--you must be running HP-UX.' >&4
val="$define"; set d_sigvectr; eval $setvar
val="$define"; set d_sigvec; eval $setvar
else
: try the original name
d_sigvectr="$undef"
if set sigvec val -f d_sigvec; eval $csym; $val; then
echo 'sigvec() found.' >&4
val="$define"; set d_sigvec; eval $setvar
else
echo 'sigvec() not found--race conditions with signals may occur.' >&4
val="$undef"; set d_sigvec; eval $setvar
fi
fi

@end
@if d_sigintrp || HAS_SIGINTRP
: see if we have siginterrupt
set siginterrupt d_sigintrp
eval $inlibc

```

@end

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sigvec.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getnbyad.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_getnbyaddr: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getnbyaddr:

?S: This variable conditionally defines the HAS_GETNETBYADDR symbol, which

?S: indicates to the C program that the getnetbyaddr() routine is available

?S: to look up networks by their IP addresses.

?S:.

?C:HAS_GETNETBYADDR:

?C: This symbol, if defined, indicates that the getnetbyaddr() routine is

?C: available to look up networks by their IP addresses.

?C:.

?H:\$d_getnbyaddr HAS_GETNETBYADDR /**/

?H:.

?LINT:set d_getnbyaddr

: see if getnetbyaddr exists

set getnetbyaddr d_getnbyaddr

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getnbyad.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2017 Karl Williamson

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_thread_safe_nl_langinfo_l: Compile cat rm_try Oldconfig \

i_pthread i_stdlib i_langinfo i_locale \

usethreads run

```
?MAKE: -pick add $@ %<
?S:d_thread_safe_nl_langinfo_l:
?S: This variable contains the eventual value of the
?S: HAS_THREAD_SAFE_NL_LANGINFO_L symbol, which indicates if the
?S: nl_langinfo_l() function exists and is thread-safe.
?S:.
?C:HAS_THREAD_SAFE_NL_LANGINFO_L:
?C: This symbol, when defined, indicates presence of the nl_langinfo_l()
?C: function, and that it is thread-safe.
?C:.
?H:$d_thread_safe_nl_langinfo_l HAS_THREAD_SAFE_NL_LANGINFO_L /**/
?H:.
?F:!try
: check for thread_safe_nl_langinfo_l item
$cat <<EOM
```

Checking to see if you have nl_langinfo_l() and that it is thread-safe

EOM

?X:

Despite claiming that nl_langinfo_l() is thread-safe, the POSIX 2008

?X: standard allows for a non-safe implementation:

?X:

?X: "nl_langinfo_l() uses an internal per-thread buffer, and nl_langinfo()

?X: uses (in all threads) the same buffer that nl_langinfo_l() uses in the

?X: initial thread. There can be interactions, but only when

?X: nl_langinfo_l() is called in the initial thread"

?X:

?X: If nl_langinfo_l() isn't thread safe, might as well just use plain

?X: nl_langinfo().

?X:

?X: This program calls nl_langinfo_l(), then creates a thread, calling plain

?X: nl_langinfo() from within it, then sees if the buffer in the original

?X: thread was changed.

\$cat >try.c <<EOCP

```
#$i_stdlib I_STDLIB
```

```
#ifdef I_STDLIB
```

```
# include <stdlib.h>
```

```
#endif
```

```
#include <string.h>
```

```
#$i_langinfo I_LANGINFO
```

```
#ifdef I_LANGINFO
```

```
# include <langinfo.h>
```

```
#endif
```

```
#$i_pthread I_PTHREAD
```

```
#ifdef I_PTHREAD
```

```
# include <pthread.h>
```

```
#endif
```

```
#$i_locale I_LOCALE
```

```

#ifdef I_LOCALE
# include <locale.h>
#endif

void *
thread_start(void
* arg)
{
    nl_langinfo(RADIXCHAR);
}

int main() {
    char * main_buffer;
    char save_main_buffer[1000];
    pthread_t subthread;
    pthread_attr_t attr;

    main_buffer = nl_langinfo_l(CODESET, newlocale(LC_ALL_MASK, "C", 0));

    /* If too large for our generous allowance, just assume we don't have
    * it. */
    if (strlen(main_buffer) >= sizeof(save_main_buffer)) {
        exit(1);
    }

    strcpy(save_main_buffer, main_buffer);

    if (pthread_attr_init(&attr) != 0) {
        exit(1);
    }

    if (pthread_create(&subthread, &attr, thread_start, NULL) != 0) {
        exit(1);
    }

    if (pthread_join(subthread, NULL) != 0) {
        exit(1);
    }

    exit(! (strcmp(main_buffer, save_main_buffer) == 0));
}
EOCP
case "$usethreads" in
define)
    set try
    if eval $compile; then
        echo "Your system has nl_langinfo_l()..." >&4
    if $run ./try; then

```

```

    echo "and it is thread-safe (just as I'd hoped)." >&4
    d_thread_safe_nl_langinfo_l="$define"
    echo "$d_thread_safe_nl_langinfo_l" >&4
else
    echo "but it isn't thread-safe, so we won't use it." >&4
fi
else
    echo "your system does not have nl_langinfo_l()" >&4
fi
;;
*) echo "Since threads aren't selected, we won't bother looking for nl_langinfo_l()" >&4
esac
if test X"$d_thread_safe_nl_langinfo_l" = X; then
    d_thread_safe_nl_langinfo_l="$undef"
fi
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_nl_langinfo_l.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: privlib.U,v \$

?RCS: Revision 3.0.1.4 1995/09/25 09:17:09 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.3 1995/01/30 14:44:23 ram

?RCS: patch49: can now handle installation prefix changes (from WED)

?RCS:

?RCS: Revision 3.0.1.2 1994/08/29 16:31:52 ram

?RCS: patch32: now uses installation prefix

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 16:12:34 ram

?RCS: patch10: added support for /local/lib (WED)

?RCS: patch10: prompt phrasing made

more explicit (WED)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:35 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:privlib privlibexp installprivlib: afs package cat Getfile \
 Oldconfig Prefixit test

?MAKE: -pick add \$@ %<

?Y:TOP

?S:privlib:

?S: This variable contains the eventual value of the PRIVLIB symbol,
 ?S: which is the name of the private library for this package. It may
 ?S: have a ~ on the front. It is up to the makefile to eventually create
 ?S: this directory while performing installation (with ~ substitution).
 ?S:.

?S:privlibexp:

?S: This variable is the ~name expanded version of privlib, so that you
 ?S: may use it directly in Makefiles or shell scripts.
 ?S:.

?S:installprivlib:

?S: This variable is really the same as privlibexp but may differ on
 ?S: those systems using AFS. For extra portability, only this variable
 ?S: should be used in makefiles.
 ?S:.

?C:PRIVLIB:

?C: This symbol contains the name of the private library for this package.
 ?C: The library is
 private in the sense that it needn't be in anyone's
 ?C: execution path, but it should be accessible by the world. The program
 ?C: should be prepared to do ~ expansion.
 ?C:.

?C:PRIVLIB_EXP:

?C: This symbol contains the ~name expanded version of PRIVLIB, to be used
 ?C: in programs that are not prepared to deal with ~ expansion at run-time.
 ?C:.

?H:#define PRIVLIB "\$privlib" /**/
 ?H:#define PRIVLIB_EXP "\$privlibexp" /**/
 ?H:.

: determine where private executables go
 set dflt privlib lib/\$package
 eval \$prefixit
 \$cat <<EOM

There are some auxiliary files for \$package that need to be put into a private library directory that is accessible by everyone.

EOM
 fn=d~+
 rp='Pathname where the private library files will reside?'
 ./getfile
 if \$test "X\$privlibexp" != "X\$sansexp"; then

```

installprivlib="
fi
privlib="$ans"
privlibexp="$ansexp"
if $afs; then
$cat <<EOM

```

Since you are running AFS, I need to distinguish the directory in which private files reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```

EOM
case "$installprivlib" in
") dflt=`echo $privlibexp | sed 's#^/afs/#/afs/.#`;;
*) dflt="$installprivlib";;
esac
fn=de~
rp='Where will private files be installed?'
./getfile
installprivlib="$ans"
else
installprivlib="$privlibexp"
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/privlib.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:i_poll: Inhdr
?MAKE: -pick add $@ %<
?S:i_poll:
?S: This variable conditionally defines the I_POLL symbol, which
?S: indicates to the C program that it should include <poll.h>.
?S:.
?C:I_POLL:
?C: This symbol, if defined, indicates that the program may include

```

?C: <poll.h>. If there is no <poll.h>, then you may check I_SYS_POLL

?C: instead to see whether there is a <sys/poll.h> to include.

?C:.

?H:#\$i_poll I_POLL /**/

?H:.

?LINT:set i_poll

: see if there is a poll.h file

set poll.h i_poll

eval \$inhdr

Found

in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_poll.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_shadow.U,v \$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_prot: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_prot:

?S: This variable conditionally defines the I_PROT symbol, and indicates

?S: whether a C program should include <prot.h>.

?S:.

?C:I_PROT:

?C: This symbol, if defined, indicates that <prot.h> exists and

?C: should be included.

?C:.

?H:#\$i_prot I_PROT /**/

?H:.

?LINT:set i_prot

: see if this is a prot.h system

set prot.h i_prot

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_prot.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_statblks.U,v 3.0 1993/08/18 12:07:29 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi


```

?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_statblks.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:29 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_statblks: Hasfield i_sysstat
?MAKE: -pick add $@ %<
?S:d_statblks:
?S: This variable conditionally defines USE_STAT_BLOCKS
?S: if this system has a stat structure declaring
?S: st_blksize and st_blocks.
?S:.
?C:USE_STAT_BLOCKS (STATBLOCKS):
?C: This symbol is defined if this system has a stat structure declaring
?C: st_blksize and st_blocks.
?C:.
?H:%<:#ifndef
USE_STAT_BLOCKS
?H:%<:#$d_statblks USE_STAT_BLOCKS /**/
?H:%<:#endif
?H:.
?LINT:set d_statblks
: see if stat knows about block sizes
echo " "
echo "Checking to see if your struct stat has st_blocks field..." >&4
set d_statblks stat st_blocks $i_sysstat sys/stat.h
eval $hasfield

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_statblks.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_internet.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

```

```

?RCS:
?RCS: $Log: d_internet.U,v $
?RCS: Revision 3.0.1.1 1993/09/13 16:02:04 ram
?RCS: patch10: most mailers support Internet addresses nowadays (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:24 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_internet: Myread Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_internet:
?S: This variable conditionally defines the INTERNET symbol, which
?S: indicates to the C program that there is a mailer available
    which
?S: supports internet-style addresses (user@site.domain).
?S:.
?C:INTERNET:
?C: This symbol, if defined, indicates that there is a mailer available
?C: which supports internet-style addresses (user@site.domain).
?C:.
?H:#$d_internet INTERNET /**/
?H:.
?LINT:set d_internet
: check for internet mailer
dflt=y
case "$d_internet" in
"$undef") dflt=n;;
esac
cat <<EOM

```

Most mailers can deliver mail to addresses of the INTERNET persuasion, such as user@host.edu. Some older mailers, however, require the complete path to the destination to be specified in the address.

```

EOM
rp="Does your mailer understand INTERNET addresses?"
./myread
case "$ans" in
y*) val="$define";;
*) val="$undef";;
esac
set d_internet
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_internet.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getpgrp.U,v 3.0.1.1 1997/02/28 15:34:28 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_getpgrp.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:34:28 ram
?RCS: patch61: new USE_BSD_GETPGRP to detect the getpgrp() flavor
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:15 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getpgrp d_bsdgetpgrp: Guess Inlibc Setvar cat rm_try \
+cc +ccflags +ldflags +libs i_unistd i_stdlib run
?MAKE: -pick add $@ %<
?S:d_getpgrp:
?S: This variable conditionally defines HAS_GETPGRP if getpgrp() is
?S: available
to get the current process group.
?S:.
?S:d_bsdgetpgrp:
?S: This variable conditionally defines USE_BSD_GETPGRP if
?S: getpgrp needs one arguments whereas USG one needs none.
?S:.
?C:HAS_GETPGRP (GETPGRP):
?C: This symbol, if defined, indicates that the getpgrp routine is
?C: available to get the current process group.
?C:.
?C:USE_BSD_GETPGRP:
?C: This symbol, if defined, indicates that getpgrp needs one
?C: arguments whereas USG one needs none.
?C:.
?H:#$d_getpgrp HAS_GETPGRP /**/
?H:#$d_bsdgetpgrp USE_BSD_GETPGRP /**/
?H:.
?T:xxx
?F:!try
?LINT:set d_getpgrp d_bsdgetpgrp
: see if getpgrp exists
set getpgrp d_getpgrp
eval $inlibc
```

```

@if USE_BSD_GETPGRP || d_bsdgetpgrp
case "$d_getpgrp" in
"$define")
echo " "
echo "Checking to see which flavor of getpgrp is in use..."
$cat >try.c <<EOP
#$i_unistd I_UNISTD
#include <sys/types.h>
#ifdef I_UNISTD
# include <unistd.h>
#endif
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main()
{
if (getuid() == 0) {
printf("(I
see you are running Configure as super-user...)\n");
setuid(1);
}
#ifdef TRY_BSD_PGRP
if (getpgrp(1) == 0)
exit(0);
#else
if (getpgrp() > 0)
exit(0);
#endif
exit(1);
}
EOP
if $cc -o try -DTRY_BSD_PGRP $ccflags $ldflags try.c $libs >/dev/null 2>&1 && $run ./try; then
echo "You have to use getpgrp(pid) instead of getpgrp()." >&4
val="$define"
elif $cc -o try $ccflags $ldflags try.c $libs >/dev/null 2>&1 && $run ./try; then
echo "You have to use getpgrp() instead of getpgrp(pid)." >&4
val="$undef"
else
echo "I can't seem to compile and run the test program."
if ./usg; then
xxx="a USG one, i.e. you use getpgrp()."
else
# SVR4 systems can appear rather BSD-ish.
case "$i_unistd" in
$undef)
xxx="a BSD one, i.e. you use getpgrp(pid)."

```

```

val="$define"
;;
$define)
xxx="probably a USG one, i.e. you use getpgrp()."
val="$undef"
;;
esac
fi
echo "Assuming your getpgrp is $xxx" >&4
fi
;;
*) val="$undef";;
esac
set d_bsdgetpgrp
eval
$setvar
$rm_try
@end

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getpgrp.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getpwnam_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_getpwnam_r getpwnam_r_proto: Inlibc Protochk Hasproto i_systypes \

usethreads i_pwd extern_C

?MAKE: -pick add \$@ %<

?S:d_getpwnam_r:

?S: This variable conditionally defines the HAS_GETPWNAM_R symbol,

?S: which indicates to the C program that the getpwnam_r()

?S: routine is available.

?S:.

?S:getpwnam_r_proto:

?S: This variable encodes the prototype of getpwnam_r.

?S: It is zero if d_getpwnam_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwnam_r

?S: is defined.

?S:.

?C:HAS_GETPWNAM_R:

?C: This symbol, if defined, indicates that the getpwnam_r routine

```

?C: is available to
getpwnam re-entrantly.
?C:.
?C:GETPWNAM_R_PROTO:
?C: This symbol encodes the prototype of getpwnam_r.
?C: It is zero if d_getpwnam_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwnam_r
?C: is defined.
?C:.
?H:#$d_getpwnam_r HAS_GETPWNAM_R /**/
?H:#define GETPWNAM_R_PROTO $getpwnam_r_proto /**/
?H:.
?T:try hdrs d_getpwnam_r_proto
: see if getpwnam_r exists
set getpwnam_r d_getpwnam_r
eval $inlibc
case "$d_getpwnam_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
case "$d_getpwnam_r_proto:$usethreads" in
":define") d_getpwnam_r_proto=define
set d_getpwnam_r_proto getpwnam_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getpwnam_r_proto" in
define)
case "$getpwnam_r_proto" in
"|0) try='int getpwnam_r(const char*, struct passwd*, char*, size_t, struct passwd**);'
./protochk "$extern_C $try" $hdrs && getpwnam_r_proto=I_CSBWR ;;
esac
case "$getpwnam_r_proto" in
"|0) try='int getpwnam_r(const char*, struct passwd*,
char*, int, struct passwd**);'
./protochk "$extern_C $try" $hdrs && getpwnam_r_proto=I_CSBIR ;;
esac
case "$getpwnam_r_proto" in
"|0) try='struct passwd* getpwnam_r(const char*, struct passwd*, char*, int);'
./protochk "$extern_C $try" $hdrs && getpwnam_r_proto=S_CSBI ;;
esac
case "$getpwnam_r_proto" in
"|0) try='int getpwnam_r(const char*, struct passwd*, char*, int);'
./protochk "$extern_C $try" $hdrs && getpwnam_r_proto=I_CSBI ;;
esac
case "$getpwnam_r_proto" in
"|0) d_getpwnam_r=undef
getpwnam_r_proto=0
echo "Disabling getpwnam_r, cannot determine prototype." >&4 ;;

```

```

*) case "$getpwnam_r_proto" in
REentrant_PROTO*) ;;
*) getpwnam_r_proto="REentrant_PROTO_$getpwnam_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "getpwnam_r has no prototype, not using it." >&4 ;;
esac
d_getpwnam_r=undef
getpwnam_r_proto=0
;;
esac
;;
*) getpwnam_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getpwnam_r.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_sysun.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysun.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:42 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit looks wether <sys/un.h> is available or not
?X:
?MAKE:i_sysun: Inhdr
?MAKE:-pick add $@ %<
?S:i_sysun:
?S: This variable conditionally defines I_SYS_UN, which indicates
?S: to the C program that it should include <sys/un.h> to get UNIX
?S: domain socket definitions.
?S:..

```

```
?C:I_SYS_UN:
?C: This symbol, if defined, indicates
to the C program that it should
?C: include <sys/un.h> to get UNIX domain socket definitions.
?C:.
?H:#$i_sysun I_SYS_UN /**/
?H:.
?LINT:set i_sysun
: see if this is a sys/un.h system
set sys/un.h i_sysun
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysun.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_mkstemp: Inlibc
?MAKE: -pick add $@ %<
?S:d_mkstemp:
?S: This variable conditionally defines the HAS_MKSTEMPS symbol, which
?S: indicates to the C program that the mkstemp() routine is available
?S: to exclusively create and open a uniquely named (with a suffix)
?S: temporary file.
?S:.
?C:HAS_MKSTEMPS :
?C: This symbol, if defined, indicates that the mkstemp routine is
?C: available to exclusively create and open a uniquely named
?C: (with a suffix) temporary file.
?C:.
?H:#$d_mkstemp HAS_MKSTEMPS /**/
?H:.
?LINT:set d_mkstemp
: see if mkstemp exists
set mkstemp d_mkstemp
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_mkstemp.U
```


No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: selecttype.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 16:20:09 ram
?RCS: patch61: always include <sys/select.h> when available for test
?RCS:
?RCS: Revision 3.0.1.2 1995/07/25 14:14:06 ram
?RCS: patch56: removed harmful spaces in assignment
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 07:06:31 ram
?RCS: patch30: created by ADO
?RCS:
?MAKE:selecttype: cat +cc +ccflags rm Oldconfig Myread \
d_fd_set d_select d_socket i_systime
i_sysselect
?MAKE: -pick add $@ %<
?S:selecttype:
?S: This variable holds the type used for the 2nd, 3rd, and 4th
?S: arguments to select. Usually, this is 'fd_set *', if HAS_FD_SET
?S: is defined, and 'int *' otherwise. This is only useful if you
?S: have select(), naturally.
?S:.
?C:Select_fd_set_t:
?C: This symbol holds the type used for the 2nd, 3rd, and 4th
?C: arguments to select. Usually, this is 'fd_set *', if HAS_FD_SET
?C: is defined, and 'int *' otherwise. This is only useful if you
?C: have select(), of course.
?C:.
?H:#define Select_fd_set_t $selecttype /**/
?H:.
?T:xxx yyy
: check for type of arguments to select. This will only really
: work if the system supports prototypes and provides one for
: select.
case "$d_select" in
$define)
```

```

: Make initial guess
case "$selecttype" in
'|' )
case "$d_fd_set" in
$define) xxx='fd_set *' ;;
*) xxx='int *' ;;
esac
;;
*) xxx="$selecttype"
;;
esac
: backup guess
case "$xxx" in
'fd_set *') yyy='int *'
;;
'int *') yyy='fd_set *' ;;
esac

$cat <<EOM

```

Checking to see what type of arguments are expected by select().

EOM

```

$cat >try.c <<EOCP
#$i_systime I_SYS_TIME
#$i_sysselect I_SYS_SELECT
#$d_socket HAS_SOCKET
#include <sys/types.h>
#ifdef HAS_SOCKET
#include <sys/socket.h> /* Might include <sys/bsdtypes.h> */
#endif
#ifdef I_SYS_TIME
#include <sys/time.h>
#endif
#ifdef I_SYS_SELECT
#include <sys/select.h>
#endif
int main()
{
int width;
Select_fd_set_t readfds;
Select_fd_set_t writefds;
Select_fd_set_t exceptfds;
struct timeval timeout;
select(width, readfds, writefds, exceptfds, &timeout);
exit(0);
}
EOCP
if $cc $ccflags -c -DSelect_fd_set_t="$xxx" try.c >/dev/null 2>&1 ; then

```

```

selecttype="$xxx"
echo "Your system uses $xxx for the arguments to select." >&4
elif $cc $ccflags -c -DSelect_fd_set_t="$yyy" try.c >/dev/null 2>&1 ; then
selecttype="$yyy"
echo "Your system uses $yyy for the arguments to select." >&4
else
rp='What is the type for the 2nd, 3rd, and 4th arguments
to select?'
dflt="$xxx"
./myread
selecttype="$ans"
fi
$rm -f try.[co]
;;
*) selecttype='int *'
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/selecttype.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_table.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_table.U,v \$

?RCS: Revision 3.0.1.2 1993/11/10 17:34:14 ram

?RCS: patch14: wrongly mentionned an obsolete symbol

?RCS:

?RCS: Revision 3.0.1.1 1993/10/16 13:49:29 ram

?RCS: patch12: created

?RCS:

?MAKE:d_table: Inlibc

?MAKE: -pick add \$@ %<

?S:d_table:

?S: This variable conditionally defines HAS_TABLE if table() is

?S: available to examine/update elements from a system table.

?S:.

?C:HAS_TABLE:

?C: This symbol, if defined, indicates that the OSF/1

table() system
?C: call is available to examine/update items from a system table.
?C:.
?H:#\$d_table HAS_TABLE /**/
?H:.
?LINT:set d_table
: see if table exists
set table d_table
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_table.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vendorhtml3dir.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1999, Andy Dougherty

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: vendorhtml3dir.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?MAKE:vendorhtml3dir vendorhtml3direxp installvendorhtml3dir: html3dir Getfile \

Oldconfig Setprefixvar Prefixit test vendorprefix prefix sed

?MAKE: -pick add \$@ %<

?Y:TOP

?S:vendorhtml3dir:

?S: This variable contains the name of the directory for html

?S: library pages. It may have a ~ on the front.

?S: The standard distribution will put nothing

in this directory.

?S: Vendors who distribute perl may wish to place their own

?S: html pages for modules and extensions in this directory with

?S: MakeMaker Makefile.PL INSTALLDIRS=vendor

?S: or equivalent. See INSTALL for details.

?S:.

?S:vendorhtml3direxp:

?S: This variable is the ~name expanded version of vendorhtml3dir, so that you

?S: may use it directly in Makefiles or shell scripts.

?S:.

?D:installvendorhtml3dir="

```

?S:installvendorhtml3dir:
?S: This variable is really the same as vendorhtml3direxp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?LINT:change prefixvar
?LINT:set installvendorhtml3dir
: Set the vendorhtml3dir variables
case "$vendorprefix" in
") vendorhtml3dir="
vendorhtml3direxp="
;;
*) : determine where vendor-supplied module html pages go.
: There is no standard location, so try to copy the previously-selected
: directory structure for the core html pages.
: XXX Better default
suggestions would be welcome.
case "$vendorhtml3dir" in
") dflt=`echo "$html3dir" | $sed "s#^$prefix#$vendorprefix#"` ;;
*) dflt=$vendorhtml3dir ;;
esac
case "$dflt" in
"|") dflt=none ;;
esac
fn=dn+~
rp='Pathname for the vendor-supplied html pages?'
./getfile
vendorhtml3dir="$ans"
vendorhtml3direxp="$ansexp"
;;
esac
: Use ' ' for none so value is preserved next time through Configure
$test X"$vendorhtml3dir" = "X" && vendorhtml3dir=' '
prefixvar=vendorhtml3dir
./installprefix

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/installdirs/vendorhtml3dir.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: lns.U,v 3.0.1.1 1994/06/20 07:05:52 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: Ins.U,v \$

?RCS: Revision 3.0.1.1 1994/06/20 07:05:52 ram

?RCS: patch30: created by ADO

?RCS:

?X:

?X: This unit checks whether symbolic links are really supported.

?X: We can't rely on d_symlink because that may be listed in the

?X: C library but unimplemented.

?X:

?MAKE:lns: ln rm touch

?MAKE: -pick add \$@ %<

?S:lns:

?S: This variable holds the name of the command to make

?S: symbolic

links (if they are supported). It can be used

?S: in the Makefile. It is either 'ln -s' or 'ln'

?S:.

: determine whether symbolic links are supported

echo " "

\$touch blurfl

if \$ln -s blurfl sym > /dev/null 2>&1 ; then

echo "Symbolic links are supported." >&4

lns="\$ln -s"

else

echo "Symbolic links are NOT supported." >&4

lns="\$ln"

fi

\$rm -f blurfl sym

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/lns.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:
?MAKE:d_sbrkproto: Hasproto i_unistd
?MAKE: -pick add \$@ %<
?S:d_sbrkproto:
?S: This variable conditionally defines the HAS_SBRK_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the sbrk() function. Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_SBRK_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the sbrk() function. Otherwise, it is up
?C: to the program to supply one. Good guesses are
?C: extern void* sbrk(int);
?C: extern
void* sbrk(size_t);
?C:.
?H:#\$d_sbrkproto HAS_SBRK_PROTO /**/
?H:.
?LINT:set d_sbrkproto
: see if prototype for sbrk is available
echo " "
set d_sbrkproto sbrk \$i_unistd unistd.h
eval \$hasproto

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sbrkproto.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_endpwent.U,v \$
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: \$Log: d_endpwent.U,v \$
?RCS:
?MAKE:d_endpwent: Inlibc
?MAKE: -pick add \$@ %<
?S:d_endpwent:
?S: This variable conditionally defines the HAS_ENDPWENT symbol, which
?S: indicates to the C program that the endpwent() routine is available
?S: for sequential access of the passwd database.
?S:.
?C:HAS_ENDPWENT:
?C: This symbol, if defined, indicates that the getgrent routine is

?C: available for finalizing sequential access of the passwd database.

?C:.

?H:#\$d_endpwent HAS_ENDPWENT /**/

?H:.

?LINT:set d_endpwent

: see if endpwent exists

set endpwent d_endpwent

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endpwent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_dosuid.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Tye McQueen <tye@metronet.com> added safe setuid script checks.

?RCS:

?RCS: \$Log: d_dosuid.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:33:03 ram

?RCS: patch61: moved unit to TOP via a ?Y: layout directive

?RCS: patch61: tell them /dev/fd is not about floppy disks

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:12:08 ram

?RCS: patch36: added checks for secure setuid scripts (Tye McQueen)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:55 ram

?RCS: Baseline for

dist 3.0 netwide release.

?RCS:

?MAKE:d_dosuid d_suidsaf: cat contains ls rm test Myread Setvar \

Oldconfig Guess package hint patchlevel

?MAKE: -pick add \$@ %<

?S:d_suidsaf:

?S: This variable conditionally defines SETUID_SCRIPTS_ARE_SECURE_NOW

?S: if setuid scripts can be secure. This test looks in /dev/fd/.

?S:.

?S:d_dosuid:

?S: This variable conditionally defines the symbol DOSUID, which

?S: tells the C program that it should insert setuid emulation code

?S: on hosts which have setuid #! scripts disabled.

?S:.

?C:SETUID_SCRIPTS_ARE_SECURE_NOW:

?C: This symbol, if defined, indicates that the bug that prevents
?C: setuid scripts from being secure is not present in this kernel.

?C:.

?C:DOSUID:

?C: This symbol, if defined, indicates that the C program should
?C: check the script that it is executing for setuid/setgid bits, and
?C: attempt to emulate setuid/setgid on systems that have disabled
?C: setuid #! scripts because the kernel can't do it securely.
?C: It is up to the package
designer to make sure that this emulation
?C: is done securely. Among other things, it should do an fstat on
?C: the script it just opened to make sure it really is a setuid/setgid
?C: script, it should make sure the arguments passed correspond exactly
?C: to the argument on the #! line, and it should not trust any
?C: subprocesses to which it must pass the filename rather than the
?C: file descriptor of the script to be executed.

?C:.

?H:#\$d_suidsaf SETUID_SCRIPTS_ARE_SECURE_NOW /**/
?H:#\$d_dosuid DOSUID /**/
?H:.

?Y:TOP

?F:!reflect

?LINT: set d_suidsaf
: see if setuid scripts can be secure

\$cat <<EOM

Some kernels have a bug that prevents setuid #! scripts from being
secure. Some sites have disabled setuid #! scripts because of this.

First let's decide if your kernel supports secure setuid #! scripts.
(If setuid #! scripts would be secure but have been disabled anyway,
don't say that they are secure if asked.)

EOM

```
val="$undef"
if $test -d /dev/fd; then
echo "#!$ls" >reflect
chmod
+x,u+s reflect
./reflect >flect 2>&1
if $contains "/dev/fd" flect >/dev/null; then
echo "Congratulations, your kernel has secure setuid scripts!" >&4
val="$define"
else
```

\$cat <<EOM

If you are not sure if they are secure, I can check but I'll need a username and password different from the one you are using right now. If you don't have such a username or don't want me to test, simply enter 'none'.

EOM

```
rp='Other username to test security of setuid scripts with?'
dflt='none'
. ./myread
case "$ans" in
n|none)
case "$d_suidsafesafe" in
") echo "I'll assume setuid scripts are *not* secure." >&4
dflt=n;;
"$undef")
echo "Well, the $hint value is *not* secure." >&4
dflt=n;;
*) echo "Well, the $hint value *is* secure." >&4
dflt=y;;
esac
;;
*)
$rm -f reflect flect
echo "#!$ls" >reflect
chmod +x,u+s reflect
echo >flect
chmod a+w flect
echo "'su" will (probably) prompt you for "'$ans's password.'"
su $ans -c './reflect
>flect'
if $contains "/dev/fd" flect >/dev/null; then
echo "Okay, it looks like setuid scripts are secure." >&4
dflt=y
else
echo "I don't think setuid scripts are secure." >&4
dflt=n
fi
;;
esac
rp='Does your kernel have *secure* setuid scripts?'
. ./myread
case "$ans" in
[yY]*) val="$define";;
*) val="$undef";;
esac
fi
else
```

```

echo "I don't think setuid scripts are secure (no /dev/fd directory)." >&4
echo "(That's for file descriptors, not floppy disks.)"
val="$undef"
fi
set d_suidsafesafe
eval $setvar

```

```
$rm -f reflect flect
```

```

: now see if they want to do setuid emulation
if $test $patchlevel -lt 11; then
echo " "
val="$undef"
case "$d_suidsafesafe" in
"$define")
val="$undef"
echo "No need to emulate SUID scripts since they are secure here." >&4
;;
*)

```

```
$cat <<EOM
```

Some systems have disabled setuid scripts, especially systems where setuid scripts cannot be secure. On systems where setuid scripts have been disabled, the setuid/setgid bits on scripts are currently useless. It is possible for \$package to detect those bits and emulate setuid/setgid in a secure fashion. This emulation will only work if setuid scripts have been disabled in your kernel.

```
EOM
```

```

case "$d_dosuid" in
"$define") dflt=y ;;
*) dflt=n ;;
esac
rp="Do you want to do setuid/setgid emulation?"
./myread
case "$ans" in
[yY]*) val="$define";;
*) val="$undef";;
esac
;;
esac
set d_dosuid
eval $setvar
else
case "$d_dosuid" in
"$define")
cat >&4 <<EOH

```

SUID emulation has been removed for 5.12
Please re-run Configure without -Dd_dosuid

```
EOH
exit 1;
;;
esac
d_dosuid=undef
fi
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_dosuid.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_futimes: Compile cat rm_try run
?MAKE: -pick add $@ %<
?S:d_futimes:
?S: This variable conditionally defines the HAS_FUTIMES symbol, which
?S: indicates to the C program that the futimes() routine is available.
?S:.
?C:HAS_FUTIMES:
?C: This symbol, if defined, indicates that the futimes routine is
?C: available to change file descriptor time stamps with struct timevals.
?C:.
?H:#$d_futimes HAS_FUTIMES /**/
?H:.
?T:rc
?F:!try
: check for a working futimes
d_futimes="$undef"
echo " "
echo "Checking if you have a working futimes()" >&4
$cat >try.c <<EOCP
#include <stdio.h>
#include <sys/time.h>
#include <errno.h>
#include <fcntl.h>

int main ()
{
```

```

int fd, rv;
fd = open ("try.c", O_RDWR);

if (-1 == fd) exit (1);
rv = futimes (fd, NULL);
exit (rv == -1 ? errno : 0);
}
EOCP
set try
if eval $compile; then
  ` $run ./try `
  rc=$?
  case "$rc" in
0) echo "Yes, you have" >&4
  d_futimes="$define"
  ;;
*) echo "No, you have futimes, but it isn't working ($rc) (probably harmless)" >&4
  ;;
esac
else
  echo "No, it does not (probably harmless)" >&4
fi
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_futimes.U
```

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?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2014, H.Merijn Brand

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?RCS:

?RCS: \$Log: d_dladdr.U,v \$

?RCS:

?MAKE:d_dladdr: Inlibc

?MAKE:-pick add \$@ %<

?S:d_dladdr:

?S: This variable conditionally defines the HAS_DLADDR symbol, which

?S: indicates to the C program that the dladdr() routine is available

?S: to get a stack trace.

?S:.

?C:HAS_DLADDR:

?C: This symbol, if defined, indicates that the dladdr() routine is

?C: available to query dynamic linker information for an address.

?C: The <dlfcn.h> header must be included to use this routine.

?C:.

?H:#\$d_dladdr HAS_DLADDR /**/

?H:.

?LINT:set d_dladdr

:

see if dladdr exists

set dladdr d_dladdr

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_dladdr.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Prefixup.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Prefixup.U,v \$

?RCS: Revision 3.0.1.1 1995/01/30 14:30:40 ram

?RCS: patch49: created

?RCS:

?X:

?X: Used as: "set dflt; eval \$prefixup" to set \$dflt to be \$prefix/dir

?X: instead of \$prefixexp/dir, in case portability was involved somehow

?X: and \$prefix uses ~name expansion.

?X:

?MAKE:Prefixup: prefix prefixexp

?MAKE: -pick add \$@ %<

?LINT:define prefixup

?S:prefixup:

?S: This shell variable is used internally by Configure to reset

?S: the leading

installation prefix correctly when \$prefix uses

?S: ~name expansion.

?S: set dflt

?S: eval \$prefixup

?S: That will set \$dflt to \$prefix/dir if it was \$prefixexp/dir and

```
?S: $prefix differs from $prefixexp.
?S:.
?V:prefixup
: set the prefixup variable, to restore leading tilda escape
prefixup='case "$prefixexp" in
"$prefix") ;;
*) eval "$1=\`echo \$$1 | sed \`s,^$prefixexp,$prefix,\`";;
esac'
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Prefixup.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: Copyright (c) 1998 Andy Dougherty
```

```
?RCS:
```

```
?RCS: Original author Jarkko Hietaniemi <jhi@iki.fi>
```

```
?RCS: Merged into dist by Andy Dougherty July 13, 1998
```

```
?RCS:
```

```
?MAKE:ebcdic: Compile Setvar cat rm_try run
```

```
?MAKE: -pick add $@ %<
```

```
?S:ebcdic:
```

```
?S: This variable conditionally defines EBCDIC if this
```

```
?S: system uses EBCDIC encoding. Among other things, this
```

```
?S: means that the character ranges are not contiguous.
```

```
?S: See trnl.U
```

```
?S:.
```

```
?C:EBCDIC:
```

```
?C: This symbol, if defined, indicates that this system uses
```

```
?C: EBCDIC
```

```
encoding.
```

```
?C:.
```

```
?H:#$ebcdic EBCDIC /**/
```

```
?H:.
```

```
?F:!try
```

```
?LINT:set ebcdic
```

```
: look whether system uses EBCDIC
```

```
echo " "
```

```

echo "Determining whether or not we are on an EBCDIC system..." >&4
$cat >try.c <<'EOM'
int main()
{
if ('M'==0xd4) return 0;
return 1;
}
EOM
val=$undef
set try
if eval $compile_ok; then
if $run ./try; then
echo "You seem to speak EBCDIC." >&4
val="$define"
else
echo "Nope, no EBCDIC, probably ASCII or some ISO Latin. Or UTF-8." >&4
fi
else
echo "I'm unable to compile the test program." >&4
echo "I'll assume ASCII or some ISO Latin. Or UTF8." >&4
fi
$rm_try
set ebcdic
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ebcdic.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getlogin_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_getlogin_r getlogin_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_unistd extern_C

?MAKE: -pick add \$@ %<

?S:d_getlogin_r:

?S: This variable conditionally defines the HAS_GETLOGIN_R symbol,

?S: which indicates to the C program that the getlogin_r()

?S: routine is available.

?S:.

?S:getlogin_r_proto:

?S: This variable encodes the prototype of getlogin_r.

?S: It is zero if d_getlogin_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getlogin_r
?S: is defined.
?S:.
?C:HAS_GETLOGIN_R:
?C: This symbol, if defined, indicates that the getlogin_r routine
?C: is available
to getlogin re-entrantly.
?C:.
?C:GETLOGIN_R_PROTO:
?C: This symbol encodes the prototype of getlogin_r.
?C: It is zero if d_getlogin_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getlogin_r
?C: is defined.
?C:.
?H:#\$d_getlogin_r HAS_GETLOGIN_R /**/
?H:#define GETLOGIN_R_PROTO \$getlogin_r_proto /**/
?H:.
?T:try hdrs d_getlogin_r_proto
: see if getlogin_r exists
set getlogin_r d_getlogin_r
eval \$inlibc
case "\$d_getlogin_r" in
"\$define")
hdrs="\$i_systypes sys/types.h define stdio.h \$i_unistd unistd.h"
case "\$d_getlogin_r_proto:\$usetthreads" in
":define") d_getlogin_r_proto=define
set d_getlogin_r_proto getlogin_r \$hdrs
eval \$hasproto ;;
*) ;;
esac
case "\$d_getlogin_r_proto" in
define)
case "\$getlogin_r_proto" in
"|0) try='int getlogin_r(char*, size_t);'
./protochk "\$extern_C \$try" \$hdrs && getlogin_r_proto=I_BW ;;
esac
case "\$getlogin_r_proto" in
"|0) try='int getlogin_r(char*, int);'
./protochk "\$extern_C \$try" \$hdrs && getlogin_r_proto=I_BI
;;
esac
case "\$getlogin_r_proto" in
"|0) try='char* getlogin_r(char*, size_t);'
./protochk "\$extern_C \$try" \$hdrs && getlogin_r_proto=B_BW ;;
esac
case "\$getlogin_r_proto" in
"|0) try='char* getlogin_r(char*, int);'

```

./prochck "$extern_C $try" $hdrs && getlogin_r_proto=B_BI ;;
esac
case "$getlogin_r_proto" in
"|0) d_getlogin_r=undef
getlogin_r_proto=0
echo "Disabling getlogin_r, cannot determine prototype." >&4 ;;
* ) case "$getlogin_r_proto" in
REENTRANT_PROTO*) ;;
*) getlogin_r_proto="REENTRANT_PROTO_$getlogin_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetreads" in
define) echo "getlogin_r has no prototype, not using it." >&4 ;;
esac
d_getlogin_r=undef
getlogin_r_proto=0
;;
esac
;;
*) getlogin_r_proto=0
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getlogin_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: ptrsize.U,v 3.0.1.1 1994/10/29 16:28:19 ram Exp \$

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: ptrsize.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:28:19 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:37 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:ptrsize: cat rm_try Myread Compile run use64bitall i_stdlib d_quad

```

?MAKE: -pick add $@ %<
?S:ptrsize:
?S: This variable contains the value of the PTRSIZE symbol, which
?S: indicates to the C program how many bytes there are in a pointer.
?S:.
?C:PTRSIZE:
?C: This
symbol contains the size of a pointer, so that the C preprocessor
?C: can make decisions based on it. It will be sizeof(void *) if
?C: the compiler supports (void *); otherwise it will be
?C: sizeof(char *).
?C:.
?H:#define PTRSIZE $ptrsize /**/
?H:.
?F:!try
?LINT:extern use64bitint
: check for length of pointer
echo " "
case "$ptrsize" in
")
echo "Checking to see how big your pointers are..." >&4
$cat >try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main()
{
printf("%d\n", (int)sizeof(void *));
exit(0);
}
EOCP
set try
if eval $compile_ok; then
ptrsize=`$run ./try`
echo "Your pointers are $ptrsize bytes long."
else
dflt='4'
echo "(I can't seem to compile the test program. Guessing...)" >&4
rp="What is the size of a pointer (in bytes)?"
./myread
ptrsize="$ans"
fi
;;
esac
$rm_try
case "$use64bitall" in

```

```
"$define"|true[[yY]*)
```

```
case "$ptrsize" in
```

```
4) cat <<EOM >&4
```

```
*** You
```

```
have chosen a maximally 64-bit build,
```

```
*** but your pointers are only 4 bytes wide.
```

```
*** Please rerun Configure without -Duse64bitall.
```

```
EOM
```

```
case "$d_quad" in
```

```
define)
```

```
cat <<EOM >&4
```

```
*** Since you have quads, you could possibly try with -Duse64bitint.
```

```
EOM
```

```
;;
```

```
esac
```

```
cat <<EOM >&4
```

```
*** Cannot continue, aborting.
```

```
EOM
```

```
exit 1
```

```
;;
```

```
esac
```

```
;;
```

```
esac
```

```
Found in path(s):
```

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/ptrsize.U
```

```
No license file was found, but licenses were detected in source scan.
```

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: Guess.U,v $
```

```
?RCS: Revision 3.0.1.5 1995/07/25 13:37:14 ram
```

```
?RCS: patch56: now knows about OS/2 platforms
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.4 1994/10/29 15:53:55 ram
```

```
?RCS: patch36: added ?F: line for metalint file checking
```

?RCS: patch36: call ./xenix explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0.1.3 1993/12/15 08:14:35 ram
?RCS: patch15: variable d_bsd was not always set properly
?RCS:
?RCS: Revision 3.0.1.2 1993/08/30 08:57:14 ram
?RCS: patch8: fixed comment which wrongly
attributed the usrinc symbol
?RCS: patch8: no more ugly messages when no /usr/include/ctype.h
?RCS:
?RCS: Revision 3.0.1.1 1993/08/27 14:37:37 ram
?RCS: patch7: added support for OSF/1 machines
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:57 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit hazards some guesses as to what the general nature of the system
?X: is. The information it collects here is used primarily to establish default
?X: answers to other questions.
?X:
?MAKE:Guess d_eunice d_xenix d_bsd d_linux d_dos d_os2: cat test echo n c \
contains rm tr Loc eunicefix
?MAKE: -pick add \$@ %<
?S:d_eunice:
?S: This variable conditionally defines the symbols EUNICE_SYSTEM, which
?S: alerts the C program that it must deal with ideosyncracies of VMS.
?S:.
?S:d_xenix:
?S: This variable conditionally defines the symbol XENIX_SYSTEM, which alerts
?S: the C program that it runs under Xenix.
?S:.
?S:d_dos:
?S: This symbol conditionally defines the symbol DOS_SYSTEM
when running on
?S: DOS with DJGPP or Cygwin.
?S:.
?S:d_os2:
?S: This symbol conditionally defines the symbol OS2_SYSTEM when running on
?S: an OS/2 system.
?S:.
?S:d_bsd:
?S: This symbol conditionally defines the symbol BSD_SYSTEM when running on a
?S: BSD system.
?S:.
?S:d_linux:
?S: This symbol conditionally defines the symbol LINUX_SYSTEM when running
?S: on a Linux system.

```

?S:.
?C:EUNICE_SYSTEM (EUNICE):
?C: This symbol, if defined, indicates that the program is being compiled
?C: under the EUNICE package under VMS. The program will need to handle
?C: things like files that don't go away the first time you unlink them,
?C: due to version numbering. It will also need to compensate for lack
?C: of a respectable link() command.
?C:.
?C:VMS_SYSTEM (VMS):
?C: This symbol, if defined, indicates that the program is running under
?C: VMS. It is currently only set in conjunction with the EUNICE symbol.
?C:.
?C:XENIX_SYSTEM (XENIX):
?C: This symbol, if defined, indicates that the program
?C: is running under
?C: Xenix (at least 3.0 ?).
?C:.
?C:DOS_SYSTEM:
?C: This symbol, if defined, indicates that the program is running under
?C: DOS with DJGPP.
?C:.
?C:OS2_SYSTEM:
?C: This symbol, if defined, indicates that the program is running under
?C: an OS/2 system.
?C:.
?C:BSD_SYSTEM:
?C: This symbol, if defined, indicates that the program is running under
?C: a BSD system.
?C:.
?C:LINUX_SYSTEM:
?C: This symbol, if defined, indicates that the program is running under
?C: a Linux system.
?C:.
?H:#$d_eunice EUNICE_SYSTEM /**/
?H:#$d_eunice VMS_SYSTEM /**/
?H:#$d_xenix XENIX_SYSTEM /**/
?H:#$d_dos DOS_SYSTEM /**/
?H:#$d_os2 OS2_SYSTEM /**/
?H:#$d_bsd BSD_SYSTEM /**/
?H:#$d_linux LINUX_SYSTEM /**/
?H:.
?F:./bsd ./usg ./v7 ./osf1 ./eunice ./xenix ./venix ./dos ./os2 ./gnu ./linux
?T:xxx DJGPP MACHTYPE
: make some quick guesses about what we are up against
echo " "
$echo $n "Hmm... $c"
echo exit 1 >bsd
echo exit 1 >usg

```

```

echo exit 1 >v7
echo exit 1 >osf1
echo exit 1 >eunice
echo
  exit 1 >xenix
echo exit 1 >venix
echo exit 1 >os2
echo exit 1 >gnu
echo exit 1 >linux
echo exit 1 >dos
d_bsd="$undef"
d_linux="$undef"
d_dos="$undef"
d_os2="$undef"
?X:
?X: Do not use 'usrinc', or we get a circular dependency. because
?X: usrinc is defined in usrinc.U, which relies on us...
?X:
$cat /usr/include/signal.h /usr/include/sys/signal.h >foo 2>/dev/null
if test -f /osf_boot || $contains 'OSF/1' /usr/include/ctype.h >/dev/null 2>&1
then
  echo "Looks kind of like an OSF/1 system, but we'll see..."
  echo exit 0 >osf1
elif test `echo abc | $tr a-z A-Z` = Abc ; then
  xxx=`./loc addbib blurfl $pth`
  if $test -f $xxx; then
    echo "Looks kind of like a USG system with BSD features, but we'll see..."
    echo exit 0 >bsd
    echo exit 0 >usg
  else
    if $contains SIGTSTP foo >/dev/null 2>&1 ; then
      echo "Looks kind of like an extended USG system, but we'll see..."
    else
      echo "Looks kind of like a USG system, but we'll see..."
    fi
    echo exit 0 >usg
  fi
elif $contains SIGTSTP foo >/dev/null
2>&1 ; then
  echo "Looks kind of like a BSD system, but we'll see..."
  d_bsd="$define"
  echo exit 0 >bsd
elif
  $rm --version 2>/dev/null >foo;
  $contains "Free Software Foundation" foo >/dev/null
then
  xxx=`uname`
  echo exit 0 >gnu

```

```

echo "Looks kind of like a GNU/$xxx system, but we'll see..."
if $test X$xxx = XLinux; then
  d_linux="$define"
  echo exit 0 >linux
fi
else
  echo "Looks kind of like a Version 7 system, but we'll see..."
  echo exit 0 >v7
fi
case "$eunicefix" in
*unixtovms*)
  $cat <<'EOI'
There is, however, a strange, musty smell in the air that reminds me of
something...hmm...yes...I've got it...there's a VMS nearby, or I'm a Blit.
EOI
  echo exit 0 >eunice
  d_eunice="$define"
: it so happens the Eunice I know will not run shell scripts in Unix format
;;
*)
  echo " "
  echo "Congratulations. You aren't running Eunice."
  d_eunice="$undef"
  ;;
esac
case "$p_" in
:;) ;;
*)
  $cat <<'EOI'
I have the feeling something is not exactly right, however...don't tell me...
EOI
if
test -n "$DJGPP"; then
  case "X${MACHTYPE:-nonetheless}" in
cygwin) echo "hah!... you're running under Cygwin!";;
*) echo "got it... you're running DOS with DJGPP!";;
esac
  echo exit 0 >dos
  d_dos="$define"
else
  $cat <<'EOI'
lemme think...does HAL ring a bell?...no, of course, you're only running OS/2!
EOI
  echo exit 0 >os2
  d_os2="$define"
fi
;;
esac

```



```

if test -f /xenix; then
  echo "Actually, this looks more like a XENIX system..."
  echo exit 0 >xenix
  d_xenix="$define"
else
  echo " "
  echo "It's not Xenix..."
  d_xenix="$undef"
fi
chmod +x xenix
$eunicefix xenix
if test -f /venix; then
  echo "Actually, this looks more like a VENIX system..."
  echo exit 0 >venix
else
  echo " "
  if ./xenix; then
    : null
  else
    echo "Nor is it Venix..."
  fi
fi
chmod +x bsd usg v7 osf1 eunice xenix venix dos os2 gnu linux
$eunicefix bsd usg v7 osf1 eunice xenix venix dos os2 gnu linux
$rm -f foo

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Guess.U
```

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?RCS: \$Id\$

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?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_castneg.U,v \$

?RCS: Revision 3.0.1.2 1995/05/12 12:11:21 ram

?RCS: patch54: made sure cc and cflags are conditional dependencies

?RCS: patch54: added improved test case for Interactive Unix

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:10:50 ram

?RCS: patch36: don't forget to tell user about compilation failures (ADO)

```

?RCS: patch36: declare signal handler correctly using 'signal_t' (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:47 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Can
    the compiler cast negative / odd floats to unsigned values.
?X:
?MAKE:d_castneg castflags: cat +cc +ccflags rm_try Setvar signal_t
?MAKE: -pick add $@ %<
?S:d_castneg:
?S: This variable conditionally defines CASTNEG, which indicates
?S: whether the C compiler can cast negative float to unsigned.
?S:
?S:castflags:
?S: This variable contains a flag that precise difficulties the
?S: compiler has casting odd floating values to unsigned long:
?S: 0 = ok
?S: 1 = couldn't cast < 0
?S: 2 = couldn't cast >= 0x80000000
?S: 4 = couldn't cast in argument expression list
?S:
?C:CASTNEGFLOAT:
?C: This symbol is defined if the C compiler can cast negative
?C: numbers to unsigned longs, ints and shorts.
?C:
?C:CASTFLAGS:
?C: This symbol contains flags that say what difficulties the compiler
?C: has casting odd floating values to unsigned long:
?C: 0 = ok
?C: 1 = couldn't cast < 0
?C: 2 = couldn't cast >= 0x80000000
?C: 4 = couldn't cast in argument expression list
?C:
?H:#$d_castneg CASTNEGFLOAT /**/
?H:#define
    CASTFLAGS $castflags /**/
?H:
?F:!try
?LINT:set d_castneg
: check for ability to cast negative floats to unsigned
echo " "
echo 'Checking whether your C compiler can cast negative float to unsigned.' >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#include <signal.h>
$signal_t blech() { exit(7); }

```

```

$signal_t blech_in_list() { exit(4); }
unsigned long dummy_long(p) unsigned long p; { return p; }
unsigned int dummy_int(p) unsigned int p; { return p; }
unsigned short dummy_short(p) unsigned short p; { return p; }
int main()
{
double f = -123.;
unsigned long along;
unsigned int aint;
unsigned short ashort;
int result = 0;

signal(SIGFPE, blech);
along = (unsigned long)f;
aint = (unsigned int)f;
ashort = (unsigned short)f;
if (along != (unsigned long)-123)
result |= 1;
if (aint != (unsigned int)-123)
result |= 1;
if (ashort != (unsigned short)-123)
result |= 1;
f = (double)0x40000000;
f = f + f;
along = 0;
along = (unsigned long)f;
if
(along != 0x80000000)
result |= 2;
f -= 1.;
along = 0;
along = (unsigned long)f;
if (along != 0x7fffffff)
result |= 1;
f += 2.;
along = 0;
along = (unsigned long)f;
if (along != 0x80000001)
result |= 2;
if (result)
exit(result);
?X:
?X: The following is a test for Interactive Unix Version 4.1, which
?X: has an 'improved' compiler which can correctly cast negative
?X: floats in expression lists, but apparently not in argument lists.
?X: Contributed by Winfried Koenig <win@incom.rhein-main.de>
?X:
signal(SIGFPE, blech_in_list);

```

```

f = 123.;
along = dummy_long((unsigned long)f);
aint = dummy_int((unsigned int)f);
ashort = dummy_short((unsigned short)f);
if (along != (unsigned long)123)
    result |= 4;
if (aint != (unsigned int)123)
    result |= 4;
if (ashort != (unsigned short)123)
    result |= 4;
exit(result);

}
EOCP
if $cc $ccflags -o try try.c >/dev/null 2>&1; then
    ./try
    castflags=$?
else
    echo "(I can't seem to compile the test program--assuming it can't)"
    castflags=7
fi
case
"$castflags" in
0) val="$define"
    echo "Yup, it can."
    ;;
*) val="$undef"
    echo "Nope, it can't."
    ;;
esac
set d_castneg
eval $setvar
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_castneg.U
```

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?RCS:

?MAKE:d_fsync: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fsync:

?S: This variable conditionally defines the HAS_FSYNC symbol, which

?S: indicates to the C program that the fsync() routine is available.

?S:.

?C:HAS_FSYNC:

?C: This symbol, if defined, indicates that the fsync routine is

?C: available to write a file's modified data and attributes to

?C: permanent storage.

?C:.

?H:#\$d_fsync HAS_FSYNC /**/

?H:.

?LINT:set d_fsync

: see if fsync exists

set fsync d_fsync

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fsync.U

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?RCS:

?MAKE:longdblifbytes longdblmanbytes doubleifbytes doublenanbytes: Inlibc \

cat Compile run rm_try Setvar echo d_longdbl \

doublekind doublesize longdblkind longdblsize

?MAKE: -pick add \$@ %<

?S:longdblifbytes:

?S: This variable contains comma-separated list of hexadecimal bytes

?S: for the long double precision infinity.

?S:.

?S:longdblmanbytes:

?S: This variable contains comma-separated list of hexadecimal bytes

?S: for the long double precision not-a-number.

?S:.

?S:doubleifbytes:

?S: This variable contains comma-separated list of hexadecimal bytes

?S: for the double precision infinity.

?S:.

?S:doublenanbytes:

?S: This variable contains comma-separated list of hexadecimal bytes

?S: for

the double precision not-a-number.

?S:.

?C:DOUBLEINFBYTES:

?C: This symbol, if defined, is a comma-separated list of

?C: hexadecimal bytes for the double precision infinity.

?C:.

?C:DOUBLENANBYTES:

?C: This symbol, if defined, is a comma-separated list of

?C: hexadecimal bytes (0xHH) for the double precision not-a-number.

?C:.

?C:LONGDBLINFBYTES:

?C: This symbol, if defined, is a comma-separated list of

?C: hexadecimal bytes for the long double precision infinity.

?C:.

?C:LONGDBLNANBYTES:

?C: This symbol, if defined, is a comma-separated list of

?C: hexadecimal bytes (0xHH) for the long double precision not-a-number.

?C:.

?H:#define DOUBLEINFBYTES \$doubleinfbytes /**/

?H:#define DOUBLENANBYTES \$doublenanbytes /**/

?H:#define LONGDBLINFBYTES \$longdblinfbytes /**/

?H:#define LONGDBLNANBYTES \$longdbl nanbytes /**/

?H:.

?F:!try

: Check what kind of inf/nan your system has

\$echo "Checking the kind of infinities and nans you have..." >&4

\$echo "(The following tests may crash. That's

okay.)" >&4

\$cat >try.c <<EOP

#define DOUBLESIZE \$double size

#\$d_longdbl HAS_LONG_DOUBLE

#ifdef HAS_LONG_DOUBLE

#define LONG_DOUBLESIZE \$longdbl size

#define LONG_DOUBLEKIND \$longdbl kind

#endif

#include <math.h>

#include <string.h>

#include <stdio.h>

/* Note that whether the sign bit is on or off

* for NaN depends on the CPU/FPU, and possibly

* can be affected by the build toolchain.

*

* For example for older MIPS and HP-PA 2.0 the quiet NaN is:

* 0x7f, 0xf7, 0xff, 0xff, 0xff, 0xff, 0xff, 0xff

* 0x7f, 0xf4, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00

* (respectively) as opposed to the more usual

* 0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00

*

* Pre-IEEE-754 floating point format do not even have inf/nan support
 * at all. They might have a "max" value (DBL_MAX), which may be deadly
 * to even mention, causing immediate SIGFPE or equivalent: this is
 * the case with VAX floating point, for example.

```
*/
static void bytes(void *v, unsigned int n) {
    unsigned char *p = (unsigned
    char *)v;
    int i;
    for (i = 0; i < n; i++) {
        printf("0x%02x%s", p[i], i < n - 1 ? ", " : "\n");
    }
}

int main(int argc, char *argv[]) {
    /* We cannot use 1.0/0.0 and 0.0/0.0 (with L suffixes for long double)
    * because some compilers are 'smart' and not only warn but refuse to
    * compile such 'illegal' values. */
    double dinf = exp(1e9);
    double dnan = sqrt(-1.0);
#ifdef HAS_LONG_DOUBLE
    long double ldinf = (long double)exp(1e9);
    long double ldnan = (long double)sqrt(-1.0);
    # if LONG_DOUBLEKIND == 3 || LONG_DOUBLEKIND == 4
    /* the 80-bit long doubles might have garbage in their excess bytes */
    memset((char *)&ldinf + 10, '\0', LONG_DOUBLESIZE - 10);
    memset((char *)&ldnan + 10, '\0', LONG_DOUBLESIZE - 10);
    # endif
    if (argc == 2) {
        switch (argv[1][0]) {
            case '1': bytes(&dinf, sizeof(dinf)); break;
            case '2': bytes(&dnan, sizeof(dnan)); break;
            case '3': bytes(&ldinf, sizeof(ldinf)); break;
            case '4': bytes(&ldnan, sizeof(ldnan)); break;
        }
    }
    return 0;
}
EOP
set try
if eval $compile; then
    doubleinfbytes=`$run ./try 1`
    doublenanbytes=`$run ./try 2`
    case "$d_longdbl" in
        $define)
            longdblinfbytes=`$run ./try 3`
            longdblnanbytes=`$run ./try 4`
        ;;
    ;;

```

```

esac
else
# Defaults in case the above test program failed.
case "$doublekind" in
1) # IEEE 754 32-bit LE
doubleinfbytes='0x00, 0x00, 0xf0, 0x7f'
doublenanbytes='0x00, 0x00, 0xf8, 0x7f'
;;
2) # IEEE 754 32-bit BE
doubleinfbytes='0x7f, 0xf0, 0x00, 0x00'
doublenanbytes='0x7f, 0xf8, 0x00, 0x00'
;;
3) # IEEE 754 64-bit LE
doubleinfbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf0, 0x7f'
doublenanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf8, 0x7f'
;;
4) # IEEE 754 64-bit BE
doubleinfbytes='0x7f, 0xf0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
doublenanbytes='0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
;;
5) # IEEE 754 128-bit LE
doubleinfbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf0,
0x7f'
doublenanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf8,
0x7f'
;;
6) # IEEE 754 128-bit BE
doubleinfbytes='0x7f, 0xf0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
doublenanbytes='0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
;;
7) # IEEE 754 64-bit mixed: 32-bit LEs in BE
doubleinfbytes='0x00, 0x00, 0xf0, 0x7f, 0x00, 0x00, 0x00, 0x00'
doublenanbytes='0x00, 0x00, 0xf8, 0x7f, 0x00, 0x00, 0x00, 0x00'
;;
8) # IEEE 754 64-bit mixed: 32-bit BEs in LE
doubleinfbytes='0x00, 0x00, 0x00, 0x00, 0x7f, 0xf0, 0x00, 0x00'
doublenanbytes='0x00, 0x00, 0x00, 0x00, 0x7f, 0xf8, 0x00, 0x00'
;;
9|10|11|12|13|14) # VAX/Cray/IBM floating point formats, no inf/nan.
doubleinfbytes=$undef
doublenanbytes=$undef
;;
*) # No idea.
doubleinfbytes=$undef
doublenanbytes=$undef
;;

```



```

esac
case "$longdblkind" in
1) # IEEE 754 128-bit LE
    longdblifbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xff,
0x7f'
    longdblifnanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x80, 0xff,
0x7f'
    ;;
2) # IEEE 754 128-bit BE
    longdblifbytes='0x7f, 0xff, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    longdblifnanbytes='0x7f, 0xff, 0x80, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    ;;
3) # IEEE 754 80-bit LE, 12 or 16 bytes (x86)
    case "$longdblsize" in
12) # x86 32-bit (96 bits, or 4 x 32, or 12 x 8)
        longdblifbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x80, 0xff, 0x7f, 0x00, 0x00'
        longdblifnanbytes='0x00,
0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xc0, 0xff, 0x7f, 0x00, 0x00'
        ;;
16) # x86_64
        longdblifbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x80, 0xff, 0x7f, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
        longdblifnanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xc0, 0xff, 0x7f, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
        ;;
*) # No idea.
        longdblifbytes=$undef
        longdblifnanbytes=$undef
        ;;
    esac
    ;;
4) # IEEE 754 80-bit BE, 12 or 16 bytes
    case "$longdblsize" in
12) # 32-bit system
        longdblifbytes='0x7f, 0xff, 0x80, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
        longdblifnanbytes='0x7f, 0xff, 0xc0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
        ;;
16) # 64-bit system
        longdblifbytes='0x7f, 0xff, 0x80, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
        longdblifnanbytes='0x7f,
0xff, 0xc0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
        ;;
*) # No idea.
        longdblifbytes=$undef
        longdblifnanbytes=$undef

```

```

;;
esac
;;
5) # 128-bit LE-LE "double double"
    longdblifbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf0,
0x7f'
    longdblifnanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf8,
0x7f'
    ;;
6) # 128-bit BE-BE "double double"
    longdblifbytes='0x7f, 0xf0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    longdblifnanbytes='0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    ;;
7) # 128-bit LE-BE "double double"
    longdblifbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf0, 0x7f, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    longdblifnanbytes='0x00, 0x00,
0x00, 0x00, 0x00, 0x00, 0xf8, 0x7f, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
    ;;
8) # 128-bit BE-LE "double double"
    longdblifbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x7f, 0xf0, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    longdblifnanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    ;;
9|10|11|12|13|14) # VAX/Cray/IBM floating point formats, no inf/nan.
    longdblifbytes=$undef
    longdblifnanbytes=$undef
    ;;
*) # No idea.
    longdblifbytes=$undef
    longdblifnanbytes=$undef
    ;;
esac
fi
# In case the program crashed the values are empty, turn them undef.
case "$doubleifbytes" in
") doubleifbytes=$undef ;;
esac
case "$doubleifnanbytes" in
") doubleifnanbytes=$undef ;;
esac
case "$longdblifbytes" in
") longdblifbytes=$undef ;;
esac
case "$longdblifnanbytes" in

```

```
) longdblmanbytes=$undef ;;
```

```
esac
```

```
$rm_try
```

Found in path(s):

```
*/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/infnan.U
```

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```
?RCS: $Id: sbrksmart.U,v 3.0.1.2 1995/01/11 15:35:41 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

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```

```
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```

```
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```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: sbrksmart.U,v $
```

```
?RCS: Revision 3.0.1.2 1995/01/11 15:35:41 ram
```

```
?RCS: patch45: now sets sbrksmart to undef explicitly when lacking sbrk()
```

```
?RCS: patch45: forgot a cast when using return value from sbrk()
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1994/01/24 14:16:45 ram
```

```
?RCS: patch16: created
```

```
?RCS:
```

```
?MAKE:sbrksmart: cat d_sbrk Compile rm
```

```
?MAKE: -pick add $@ %<
```

```
?S:sbrksmart:
```

```
?S: This variable conditionally defines HAS_SMART_SBRK if the sbrk()
```

```
?S: routine honors a negative
```

```
argument to lower the break value.
```

```
?S:.
```

```
?C:HAS_SMART_SBRK:
```

```
?C: This symbol is defined when the sbrk() system call may be used with
```

```
?C: a negative argument to lower the break value, therefore releasing
```

```
?C: core to the system. If not, you'd probably be better off using the
```

```
?C: mmap() system call.
```

```
?C:.
```

```
?H:#$sbrksmart HAS_SMART_SBRK /**/
```

```
?H:.
```

```
?T:dumb
```

```
?F:!sbrk
```

```
: see if sbrk can release core to the kernel
```

```
echo " "
```

```
case "$d_sbrk" in
```

```
"$define")
```

```

echo "Let's see if your sbrk() is smart enough to release core..." >&4
$cat > sbrk.c <<'EOC'
#define INC 256 /* Small enough to be less than a page size */

int main()
{
char *obrk = (char *) sbrk(0);
char *nbrk;

nbrk = (char *) sbrk(INC);
if (nbrk == (char *) -1)
    exit(1); /* Not enough memory */
if (nbrk != obrk)
    exit(2); /* Unreliable sbrk() */
nbrk = (char *) sbrk(-INC);
if (nbrk == (char *) -1)
    exit(3); /* May have understood negative arg as huge positive */
if (obrk != (char *) sbrk(0))
    exit(4); /* Not smart, definitely */

exit(0); /*
Ok */
}
EOC
sbrksmart="$undef"
dumb='-- assuming dumb sbrk().'
set sbrk
if eval $compile_ok; then
./sbrk >/dev/null 2>&1
case $? in
0) sbrksmart="$define"
    echo "Yes, it can be used with negative values." ;;
1) echo "Sorry, not enough memory $dumb" ;;
2) echo "No it's not, and besides it seems to be buggy..." ;;
3) echo "No, it fails with negative values." ;;
4) echo "Nope, your sbrk() is too dumb." ;;
*) echo "Err... Unexpected result $dumb" ;;
esac
else
    echo "(Could not compile test program $dumb)"
fi
;;
*)
echo "Since you don't have sbrk(), let's forget about the smart test!"
sbrksmart="$undef"
;;
esac
$rm -f sbrk sbrk.* core

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/sbrksmart.U

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?RCS: \$Id: yacc.U,v 3.0.1.1 1994/05/13 15:28:48 ram Exp \$

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: yacc.U,v \$

?RCS: Revision 3.0.1.1 1994/05/13 15:28:48 ram

?RCS: patch27: added byacc as another alternative (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:10:03 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:yacc yaccflags: Guess Myread Oldconfig byacc bison cat test _exe

?MAKE: -pick add \$@ %<

?S:yacc:

?S: This variable holds the name of the compiler compiler we

?S: want to use in the Makefile. It can be yacc, byacc, or bison -y.

?S:.

?S:yaccflags:

?S: This

variable contains any additional yacc flags desired by the

?S: user. It is up to the Makefile to use this.

?S:.

?T:comp

: determine compiler compiler

case "\$yacc" in

)

dflt=yacc;;

*)

dflt="\$yacc";;

esac

echo " "

comp='yacc'

if \$test -f "\$byacc\$_exe"; then

dflt="\$byacc"

comp="byacc or \$comp"

fi

```

if $test -f "$bison$_exe"; then
  comp="$comp or bison -y"
fi
rp="Which compiler compiler ($comp) shall I use?"
./myread
yacc="$ans"
case "$yacc" in
*bis*)
  case "$yacc" in
*_y*) ;;
*)
  yacc="$yacc -y"
  echo "(Adding -y option to bison to get yacc-compatible behavior.)"
  ;;
esac
;;
esac

```

```

@if yaccflags
: see if we need extra yacc flags
dflt="$yaccflags"
case "$dflt" in
") dflt=none;;
esac
$cat <<EOH

```

Your yacc program may need extra flags to normally process the parser sources. Do NOT specify any -d or -v flags here, since those are explicitly known by the various Makefiles. However, if your machine has strange/undocumented options (like -Sr# on SCO to specify the maximum number of grammar rules), then please add them here. To use no flags, specify the word "none".

```

EOH
rp="Any additional yacc flags?"
./myread
case "$ans" in
none) yaccflags="";;
*) yaccflags="$ans";;
esac

```

@end

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/yacc.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_statfs_f_flags: \
Hasfield i_sysparam i_sysmount i_systypes \
i_sysvfs i_sysstatfs Setvar d_statfs_s
?MAKE: -pick add $@ %<
?S:d_statfs_f_flags:
?S: This variable conditionally defines the HAS_STRUCT_STATFS_F_FLAGS
?S: symbol, which indicates to struct statfs from has_f_flags member.
?S: This kind of struct statfs is coming from sys/mount.h (BSD),
?S: not from sys/statfs.h (SYSV).
?S:.
?C:HAS_STRUCT_STATFS_F_FLAGS:
?C: This symbol, if defined, indicates that the struct statfs
?C: does have the f_flags member containing the mount flags of
?C: the filesystem containing the file.
?C: This kind of struct statfs is coming from <sys/mount.h> (BSD 4.3),
?C: not from <sys/statfs.h> (SYSV). Older BSDs
?C: (like Ultrix) do not
?C: have statfs() and struct statfs, they have ustat() and getmnt()
?C: with struct ustat and struct fs_data.
?C:.
?H:#$d_statfs_f_flags HAS_STRUCT_STATFS_F_FLAGS /**/
?H:.
?LINT:set d_statfs_f_flags
: see if struct statfs knows about f_flags
case "$d_statfs_s" in
define)
echo " "
echo "Checking to see if your struct statfs has f_flags field..." >&4
set d_statfs_f_flags statfs f_flags $i_systypes sys/types.h $i_sysparam sys/param.h $i_sysmount sys/mount.h
$i_sysvfs sys/vfs.h $i_sysstatfs sys/statfs.h
eval $hasfield
;;
*) val="$undef"
set d_statfs_f_flags
eval $setvar
;;
esac
case "$d_statfs_f_flags" in
"$define") echo "Yes, it does." ;;
*) echo "No, it doesn't." ;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_staffs_f_flags.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: man1dir.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:10:29 ram

?RCS: patch61: created

?RCS:

?X:

?X: This was originally specific to perl5. Since perl5 has man pages that

?X: go in both man1/ and man3/ directories, we need both man1dir

?X: and man3dir. This unit is basically dist's mansrc.U with

?X: man1 used instead of man everywhere.

?X:

?MAKE:man1dir man1direxp man1text installman1dir: afs cat nroff Loc Oldconfig \

spackage test Getfile Prefixit prefixexp

Prefixup sysman Myread

?MAKE: -pick add \$@ %<

?Y:TOP

?S:man1dir:

?S: This variable contains the name of the directory in which manual

?S: source pages are to be put. It is the responsibility of the

?S: Makefile.SH to get the value of this into the proper command.

?S: You must be prepared to do the ~name expansion yourself.

?S:.

?S:man1direxp:

?S: This variable is the same as the man1dir variable, but is filename

?S: expanded at configuration time, for convenient use in makefiles.

?S:.

?S:installman1dir:

?S: This variable is really the same as man1direxp, unless you are using

?S: AFS in which case it points to the read/write location whereas

?S: man1direxp only points to the read-only access location. For extra

?S: portability, you should only use this variable within your makefiles.

?S:.


```
?S:man1ext:
?S: This variable contains the extension that the manual page should
?S: have: one of 'n', 'l', or '1'. The Makefile must supply the '!'.
?S: See man1dir.
?S:.
?T:lookpath
: determine
  where manual pages go
set man1dir man1dir none
eval $prefixit
$cat <<EOM
```

\$spackage has manual pages available in source form.

```
EOM
case "$nroff" in
nroff)
  echo "However, you don't have nroff, so they're probably useless to you."
  case "$man1dir" in
  ") man1dir="none";;
  esac;;
esac
echo "If you don't want the manual sources installed, answer 'none'."
case "$man1dir" in
' ') dflt=none
;;
")
  lookpath="$prefixexp/man/man1 $prefixexp/man/l_man/man1"
  lookpath="$lookpath $prefixexp/man/p_man/man1"
  lookpath="$lookpath $prefixexp/man/u_man/man1"
  lookpath="$lookpath $prefixexp/man/man.1"
?X: Experience has shown people expect man1dir to be under prefix,
?X: so we now always put it there. Users who want other behavior
?X: can answer interactively or use a command line option.
?X: Does user have System V-style man paths.
  case "$sysman" in
  */*_man*) dflt=`./loc . $prefixexp/l_man/man1 $lookpath` ;;
  *) dflt=`./loc . $prefixexp/man/man1 $lookpath` ;;
  esac
  set dflt
  eval $prefixup
  ;;
  *)
    dflt="$man1dir"
    ;;
  esac
  echo " "
  fn=dn+~
  rp="Where do the main $spackage manual pages (source) go?"
```

```

./getfile
if $test "X$man1direxp" != "X$ansexp"; then
  installman1dir="
fi
man1dir="$ans"
man1direxp="$ansexp"
case "$man1dir" in
") man1dir='
  installman1dir=";;
esac
if $afs; then
  $cat <<EOM

```

Since you are running AFS, I need to distinguish the directory in which manual pages reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```

EOM
case "$installman1dir" in
") dflt=`echo $man1direxp | sed 's#^/afs/#/afs/.#`;;
*) dflt="$installman1dir";;
esac
fn=de~
rp='Where will man pages be installed?'
./getfile
installman1dir="$ans"
else
  installman1dir="$man1direxp"
fi

```

: What suffix to use on installed man pages

```

case "$man1dir" in
')
  man1ext='0'
  ;;
*)
  rp="What suffix should be used for the main $spackage man pages?"
  case "$man1ext" in
") case "$man1dir" in
  *1) dflt=1 ;;
  *1p)
  dflt=1p ;;
  *1pm) dflt=1pm ;;
  *l) dflt=l;;
  *n) dflt=n;;
  *o) dflt=o;;
  *p) dflt=p;;

```

```

*C) dflt=C;;
*L) dflt=L;;
*L1) dflt=L1;;
*) dflt=1;;
esac
;;
*) dflt="$man1ext";;
esac
./myread
man1ext="$ans"
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/man1dir.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: ssize_t.U,v 3.0.1.3 1997/02/28 16:24:21 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: ssize_t.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 16:24:21 ram
?RCS: patch61: integrated perl5 concerns for mis-configured sfio
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:30:28 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:33:06 ram
?RCS: patch32: created
by ADO
?RCS:
?MAKE:ssize_t: Myread Typedef ssize_t cat rm_try Compile run i_stdlib
?MAKE: -pick add $@ %<
?S:ssize_t:
?S: This variable defines ssize_t to be something like ssize_t,
?S: long or int. It is used by functions that return a count
?S: of bytes or an error condition. It must be a signed type.

```

```

?S: We will pick a type such that sizeof(SSize_t) == sizeof(Size_t).
?S:.
?C:SSize_t:
?C: This symbol holds the type used by functions that return
?C: a count of bytes or an error condition. It must be a signed type.
?C: It is usually ssize_t, but may be long or int, etc.
?C: It may be necessary to include <sys/types.h> or <unistd.h>
?C: to get any typedefed information.
?C: We will pick a type such that sizeof(SSize_t) == sizeof(Size_t).
?C:.
?H:#define SSize_t $ssize_t /* signed count of bytes */
?H:.
?F:!try
: see what type is used for signed size_t
set ssize_t ssize_t int stdio.h sys/types.h
eval $typedef
dflt="$ssize_t"
?X: Now check out whether sizeof(SSize_t)
== sizeof(Size_t)
$cat > try.c <<EOM
#include <stdio.h>
#include <stdlib.h>
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <sys/types.h>
#define Size_t $ssize_t
#define SSize_t $dflt
int main()
{
if (sizeof(Size_t) == sizeof(SSize_t))
printf("$dflt\n");
else if (sizeof(Size_t) == sizeof(int))
printf("int\n");
else
printf("long\n");
exit(0);
}
EOM
echo " "
set try
if eval $compile_ok && $run ./try > /dev/null; then
ssize_t=`$run ./try`
echo "I'll be using $ssize_t for functions returning a byte count." >&4
else
$cat >&4 <<EOM
Help! I can't compile and run the ssize_t test program: please enlighten me!
(This is probably a misconfiguration in your system or libraries, and

```

you really ought to fix it. Still, I'll try anyway.)

I need a type that is the same size as \$sizetype, but is guaranteed to be signed. Common values are ssize_t, int and long.

EOM

```
rp="What signed type is the same size as $sizetype?"
. ./myread
ssizetype="$ans"
fi
$rm_try
```

Found in path(s):

*

/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/ssizetype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_fp_class: Inlibc

?MAKE:-pick add \$@ %<

?S:d_fp_class:

?S: This variable conditionally defines the HAS_FP_CLASS symbol, which

?S: indicates to the C program that the fp_class() routine is available.

?S:.

?C:HAS_FP_CLASS:

?C: This symbol, if defined, indicates that the fp_class routine is

?C: available to classify doubles. Available for example in Digital UNIX.

?C: The returned values are defined in <math.h> and are:

?C:

?C: FP_SNAN Signaling NaN (Not-a-Number)

?C: FP_QNAN Quiet NaN (Not-a-Number)

?C: FP_POS_INF +infinity

?C: FP_NEG_INF -infinity

?C: FP_POS_NORM Positive normalized

?C: FP_NEG_NORM Negative normalized

?C: FP_POS_DENORM Positive denormalized

?C: FP_NEG_DENORM

 Negative denormalized

?C: FP_POS_ZERO +0.0 (positive zero)

?C: FP_NEG_ZERO -0.0 (negative zero)

?C:.

?H:#\$d_fp_class HAS_FP_CLASS /**/

?H:.

?LINT:set d_fp_class

: see if fp_class exists

set fp_class d_fp_class

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fp_class.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: so.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: so.U,v \$

?RCS: Revision 3.0.1.2 1994/10/29 16:30:04 ram

?RCS: patch36: now tells user how he can suppress shared lib lookup (ADO)

?RCS: patch36: removed echo at the top, since it's now in the here-doc (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/06/20 07:07:02 ram

?RCS: patch30: created

?RCS:

?X:

?X: This unit computes the shared-object / shared-lib extension

?X:

?MAKE:so d_libname_unique: test libpth Loc Myread Oldconfig cat Setvar

?MAKE:-pick add \$@ %<

?S:so:

?S: This

variable holds the extension used to identify shared libraries

?S: (also known as shared objects) on the system. Usually set to 'so'.

?S:.

?S:d_libname_unique:

?S: This variable is defined if the target system insists on unique

?S: basenames for shared library files. This is currently true on Android,

?S: false everywhere else we know of.

?S: Defaults to 'undef'.

?S:.

?LINT:set d_libname_unique

?T: xxx

```

: compute shared library extension
case "$so" in
")
if xxx=`./loc libc.sl X $libpth`; $test -f "$xxx"; then
  dflt='sl'
else
  dflt='so'
fi
;;
*) dflt="$so";;
esac
$cat <<EOM

```

On some systems, shared libraries may be available. Answer 'none' if you want to suppress searching of shared libraries for the remainder of this configuration.

```

EOM
rp='What is the file extension used for shared libraries?'
./myread
so="$ans"

```

```

: Does target system insist that shared library basenames are unique
$cat << EOM

```

Some dynamic loaders assume that the *basename* of shared library filenames are globally unique. We'll default this to undef as we assume your system is not this weird. Set to defined if you're on one of them.

```

EOM

dflt='n'
rp='Make shared library basenames unique?'
./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef" ;;
esac
set d_libname_unique
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/so.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: sbrktype.U 1 2006-08-24 12:32:52Z rmanfredi $

```

```

?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: sbrktype.U,v $
?RCS: Revision 3.0 1993/08/18 12:09:43 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:sbrktype: Myread Oldconfig Loc contains Findhdr
?MAKE: -pick add $@ %<
?S:sbrktype:
?S: This variable defines sbrktype to be something like caddr_t, char *,
?S: or whatever type is used to declare sbrk() in the kernel.
?S:.
?C:Caddr_t (SBRKTYPE):
?C: This symbol holds the type of a core address. It is inteded to be used
?C: to safely
?C: declare the return type of system calls like sbrk(). It might
?C: be necessary to include <sys/types.h> as well.
?C:.
?H:#define Caddr_t $sbrktype /* <core address> type */
?H:.
: see what type sbrk is declared as in the kernel
case "$sbrktype" in
")
if $contains 'caddr_t;' `./findhdr sys/types.h` >/dev/null 2>&1 ; then
dflt='caddr_t';
else
dflt='char *';
fi
;;
*) dflt="$sbrktype"
;;
esac
echo " "
rp="What is the return type of sbrk() on this system?"
./myread
sbrktype="$ans"

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/sbrktype.U

```


No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: prototype.U,v 3.0.1.3 1994/05/06 15:11:49 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: prototype.U,v $
?RCS: Revision 3.0.1.3 1994/05/06 15:11:49 ram
?RCS: patch23: ensure cc flags used when looking for prototype support
?RCS:
?RCS: Revision 3.0.1.2 1994/01/24 14:15:36 ram
?RCS: patch16: prototype handling macros now appear only when needed
?RCS:
?RCS: Revision 3.0.1.1 1993/08/25 14:03:12 ram
?RCS: patch6: defines were referring to non-existent VOID symbol
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:36 ram
?RCS: Baseline for dist
3.0 netwide release.
?RCS:
?MAKE:prototype: Nothing
?S:prototype:
?S: This variable holds the eventual value of CAN_PROTOTYPE, which
?S: indicates the C compiler can handle function prototypes.
?S:
: stub, never used
prototype=nothing
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/prototype.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_access.U,v 3.0 1993/08/18 12:05:42 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
```

```

?RCS:
?RCS: $Log: d_access.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:42 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_access: test +cc cat +cppflags h_fcntl h_sysfile i_stdlib rm Inlibc Findhdr
?MAKE: -pick add $@ %<
?S:d_access:
?S: This variable conditionally defines HAS_ACCESS if the access() system
?S: call is available to check for access permissions using real IDs.
?S:.
?C:HAS_ACCESS:
?C: This manifest constant lets the C program know that the access()
?C: system
    call is available to check for accessibility using real UID/GID.
?C: (always present on UNIX.)
?C:.
?H:#$d_access HAS_ACCESS /**/
?H:.
?W:%<:R_OK W_OK X_OK F_OK
?LINT:set d_access
?LINT:change h_fcntl h_sysfile
: access call always available on UNIX
set access d_access
eval $inlibc

: locate the flags for 'access()'
case "$d_access" in
"$define")
    echo " "
    $cat >access.c <<EOCP
#include <sys/types.h>
#ifdef I_FCNTL
#include <fcntl.h>
#endif
#ifdef I_SYS_FILE
#include <sys/file.h>
#endif
#ifdef I_UNISTD
#include <unistd.h>
#endif
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main() {
    exit(R_OK);
}

```

EOCP

```
: check sys/file.h first, no particular reason here
if $test `./findhdr sys/file.h` && \
$cc -o access $cppflags -DI_SYS_FILE access.c >/dev/null 2>&1 ; then
h_sysfile=true;
echo "<sys/file.h> defines the *_OK access constants." >&4
elif $test `./findhdr fcntl.h` && \
$cc -o access $cppflags -DI_FCNTL access.c >/dev/null 2>&1 ; then
h_fcntl=true;
echo
"<fcntl.h> defines the *_OK access constants." >&4
@if I_UNISTD
elif $test `./findhdr unistd.h` && \
$cc -o access $cppflags -DI_UNISTD access.c >/dev/null 2>&1 ; then
echo "<unistd.h> defines the *_OK access constants." >&4
@end
else
echo "I can't find the four *_OK access constants--I'll use mine." >&4
fi
;;
esac
$rm -f access*
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_access.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setreuid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setreuid.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:13 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setreuid d_setresuid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setreuid:
?S: This variable conditionally defines HAS_SETREUID if setreuid() is
?S: available to change the real and effective uid of the current
?S: process.
```

?S:
?S:d_setresuid:
?S: This variable conditionally defines HAS_SETREUID if setresuid() is
?S: available to change
the real, effective and saved uid of the current
?S: process.

?S:
?C:HAS_SETREUID (SETREUID):
?C: This symbol, if defined, indicates that the setreuid routine is
?C: available to change the real and effective uid of the current
?C: process.

?C:
?C:HAS_SETRESUID (SETRESUID):
?C: This symbol, if defined, indicates that the setresuid routine is
?C: available to change the real, effective and saved uid of the current
?C: process.

?C:
?H:#\$d_setreuid HAS_SETREUID /**/
?H:#\$d_setresuid HAS_SETRESUID /**/
?H:.

?LINT:set d_setreuid d_setresuid
: see if setreuid exists
set setreuid d_setreuid
eval \$inlibc
set setresuid d_setresuid
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setreuid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Tye McQueen <tye@metronet.com> added safe setuid script checks.
?RCS:
?RCS: \$Log: d_dosuid.U,v \$
?RCS: Revision 3.0.1.2 1997/02/28 15:33:03 ram
?RCS: patch61: moved unit to TOP via a ?Y: layout directive
?RCS: patch61: tell them /dev/fd is not about floppy disks

```

?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:12:08 ram
?RCS: patch36: added checks for secure setuid scripts (Tye McQueen)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:55 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_dosuid
d_suidsafe: cat contains ls rm test Myread Setvar \
Oldconfig Guess package hint
?MAKE: -pick add $@ %<
?S:d_suidsafe:
?S: This variable conditionally defines SETUID_SCRIPTS_ARE_SECURE_NOW
?S: if setuid scripts can be secure. This test looks in /dev/fd/.
?S:.
?S:d_dosuid:
?S: This variable conditionally defines the symbol DOSUID, which
?S: tells the C program that it should insert setuid emulation code
?S: on hosts which have setuid #! scripts disabled.
?S:.
?C:SETUID_SCRIPTS_ARE_SECURE_NOW:
?C: This symbol, if defined, indicates that the bug that prevents
?C: setuid scripts from being secure is not present in this kernel.
?C:.
?C:DOSUID:
?C: This symbol, if defined, indicates that the C program should
?C: check the script that it is executing for setuid/setgid bits, and
?C: attempt to emulate setuid/setgid on systems that have disabled
?C: setuid #! scripts because the kernel can't do it securely.
?C: It is up to the package designer to make sure that this emulation
?C: is done securely.
Among other things, it should do an fstat on
?C: the script it just opened to make sure it really is a setuid/setgid
?C: script, it should make sure the arguments passed correspond exactly
?C: to the argument on the #! line, and it should not trust any
?C: subprocesses to which it must pass the filename rather than the
?C: file descriptor of the script to be executed.
?C:.
?H:#$d_suidsafe SETUID_SCRIPTS_ARE_SECURE_NOW /**/
?H:#$d_dosuid DOSUID /**/
?H:.
?Y:TOP
?F:!reflect
?LINT: set d_suidsafe
?LINT: set d_dosuid
: see if setuid scripts can be secure
$cat <<EOM

```

Some kernels have a bug that prevents setuid #! scripts from being secure. Some sites have disabled setuid #! scripts because of this.

First let's decide if your kernel supports secure setuid #! scripts.
(If setuid #! scripts would be secure but have been disabled anyway, don't say that they are secure if asked.)

EOM

```
val="$undef"
if $test -d /dev/fd; then
  echo "#!$ls" >reflect
  chmod +x,u+s reflect
  ./reflect >flect
  2>&1
if $contains "/dev/fd" flect >/dev/null; then
  echo "Congratulations, your kernel has secure setuid scripts!" >&4
  val="$define"
else
  $cat <<EOM
```

If you are not sure if they are secure, I can check but I'll need a username and password different from the one you are using right now.
If you don't have such a username or don't want me to test, simply enter 'none'.

EOM

```
rp='Other username to test security of setuid scripts with?'
dflt='none'
. ./myread
case "$ans" in
n|none)
  case "$d_suidsafesafe" in
  *) echo "I'll assume setuid scripts are *not* secure." >&4
  dflt=n;;
  "$undef")
  echo "Well, the $hint value is *not* secure." >&4
  dflt=n;;
  *) echo "Well, the $hint value *is* secure." >&4
  dflt=y;;
  esac
;;
*)
  $rm -f reflect flect
  echo "#!$ls" >reflect
  chmod +x,u+s reflect
  echo >flect
  chmod a+w flect
  echo "'su" will (probably) prompt you for "'$ans's password."
```

```

su $ans -c './reflect >flect'
if $contains "/dev/fd" flect
>/dev/null; then
    echo "Okay, it looks like setuid scripts are secure." >&4
    dflt=y
else
    echo "I don't think setuid scripts are secure." >&4
    dflt=n
fi
;;
esac
rp='Does your kernel have *secure* setuid scripts?'
./myread
case "$ans" in
[yY]*) val="$define";;
*) val="$undef";;
esac
fi
else
    echo "I don't think setuid scripts are secure (no /dev/fd directory)." >&4
    echo "(That's for file descriptors, not floppy disks.)"
    val="$undef"
fi
set d_suidsafesafe
eval $setvar

$rm -f reflect flect

: now see if they want to do setuid emulation
echo " "
val="$undef"
case "$d_suidsafesafe" in
"$define")
    val="$undef"
    echo "No need to emulate SUID scripts since they are secure here." >& 4
    ;;
*)
    $cat <<EOM
Some systems have disabled setuid scripts, especially systems where
setuid scripts cannot be secure. On systems where setuid scripts have
been disabled, the setuid/setgid bits on scripts are currently
useless. It is possible for $package to detect those bits
and emulate
setuid/setgid in a secure fashion. This emulation will only work if
setuid scripts have been disabled in your kernel.

EOM
case "$d_dosuid" in

```

```

"$define") dflt=y ;;
*) dflt=n ;;
esac
rp="Do you want to do setuid/setgid emulation?"
. ./myread
case "$ans" in
[yY]*) val="$define";;
*) val="$undef";;
esac
;;
esac
set d_dosuid
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_dosuid.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_faststdio: Setvar \
d_stdstdio d_stdio_ptr_lval d_stdio_cnt_lval d_stdio_ptr_lval_sets_cnt
?MAKE: -pick add $@ %<
?S:d_faststdio:
?S: This variable conditionally defines the HAS_FAST_STDIO symbol,
?S: which indicates to the C program that the "fast stdio" is available
?S: to manipulate the stdio buffers directly.
?S:.
?C:HAS_FAST_STDIO:
?C: This symbol, if defined, indicates that the "fast stdio"
?C: is available to manipulate the stdio buffers directly.
?C:.
?H:#$d_faststdio HAS_FAST_STDIO /**/
?H:.
?LINT:set d_faststdio
: see if fast_stdio exists
val="$undef"
case "$d_stdstdio:$d_stdio_ptr_lval" in
"$define:$define")
case "$d_stdio_cnt_lval$d_stdio_ptr_lval_sets_cnt" in
*$define*)
echo "You

```



```
seem to have 'fast stdio' to directly manipulate the stdio buffers." >& 4
val="$define"
;;
esac
;;
esac
set d_faststdio
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_faststdio.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_shmctl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_shmctl.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:18 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_shmctl: Inlibc
?MAKE: -pick add $@ %<
?S:d_shmctl:
?S: This variable conditionally defines the HAS_SHMCTL symbol, which
?S: indicates to the C program that the shmctl() routine is available.
?S:.
?C:HAS_SHMCTL:
?C: This symbol, if defined, indicates that the shmctl() routine is
?C: available to perform shared memory control operations.
?C:.
?H:#$d_shmctl
HAS_SHMCTL /**/
?H:.
?LINT:set d_shmctl
: see if shmctl exists
set shmctl d_shmctl
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/dist/U/d_shmctl.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_exp2: Inlibc

?MAKE: -pick add \$@ %<

?S:d_exp2:

?S: This variable conditionally defines the HAS_EXP2 symbol, which

?S: indicates to the C program that the exp2() routine is available.

?S:.

?C:HAS_EXP2:

?C: This symbol, if defined, indicates that the exp2 routine is

?C: available to do the 2**x function.

?C:.

?H:#\$d_exp2 HAS_EXP2 /**/

?H:.

?LINT:set d_exp2

: see if exp2 exists

set exp2 d_exp2

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d_exp2.U

No license file was found, but licenses were detected in source scan.

Perl5 Metaconfig Units

Copyright (c) 1996-1998, Andy Dougherty

Copyright (c) 1999-2011, H.Merijn Brand

All rights reserved.

These units are the ones I used to build Configure and config_h.SH in the Perl5 distribution.

The Configure script and config_h.SH file in the Perl distribution are generated by a program called metaconfig. To run metaconfig, you will need the full dist 3.0 distribution, maintained by Raphael Manfredi.

As of this writing, the current version is dist3.0, patchlevel 70.

Dist version dist-3.0@70.tar.gz is available on CPAN (the Comprehensive Perl Archive Network) as

<<http://www.perl.com/perl/CPAN/authors/id/RAM/dist-3.0@70.tar.gz>>.

Instructions:

1. Unpack the full perl5 sources. Execute the following command

chmod +w Configure config_h.SH Porting/Glossary Porting/config*

2. Unpack the archive containing this file in the perl5 source directory. This will create a directory 'U' under the perl5 sources. That directory will contain the metaconfig units for perl5. This will also create two files in the perl5 source tree: MANIFEST.new and .package.
3. Apply any patches to perl in the perl_patches/ directory. (This may well be empty.)
4. Obtain and install dist-3.0p170.
4. Apply any patches to dist under the dist_patches subdirectory.
5. From your main perl5 source directory, run packinit to regenerate the .package file. **IMPORTANT:** Change the name and address of the maintainer to your own name and address. I don't want bug reports intended for you coming to me.
6. From your main perl5 source directory, run

metalint (or mlint)

and repair every failure it reports.
7. From your main perl5 source directory, run

metaconfig -m (or mconfig -m)
8. Edit U/mkglossary and/or U/mkgloss.pl to point to your dist-3.0p170 location. (See comments at the top.)
9. Run the Porting/mksample script to update the contents of the Porting/ subdirectory, or run all parts by hand. (see README)

NB: this script used to be U/mksample replaced by Porting/mksample; see Porting/pumpkin.pod instead for current documentation on its use.
10. Let me know about any changes, corrections, or enhancements.

Things to watch out for:

1. The Configure in 5.005 is a hand-patched version of that supplied

with perl5.004_74 or so. Most of the patches had to do with supporting MPE/iX and EBCDIC systems. I have re-integrated most of the changes back into metaconfig, but I don't really understand why MPE/iX needed some of the patches, so I may have missed something important. I did try to flag questionable changes in the individual units.

The Configure as generated in the 5.9.x branch leading towards 5.10, is also used exactly as is without changes in the 5.8.x and 5.6.x branches, so do not remove support for features that are available in those branches, but are removed from devel (e.g. perl5005threads).

2. Future support of better random number generators should probably start with the randfunc.U unit included here. It's currently broken, but well commented and probably a good place to start.

Descriptions:

The units and other related files have been broken up into the following directories:

acl/

This is an old patch to begin to detect and use ACL (access control list) file protection schemes.

compline/

These are similar to the standard units, but I have modified them to have a more uniform compile command line, usually using the new Compile.U unit. I have submitted these for inclusion into the regular dist distribution. (The ccflags.U unit is actually perl-specific since it mentions -DDEBUGGING and -DPOSIX_SOURCE, but that's the only place it is perl-specific.)

dist_patches/

These are patches to dist that must be applied before it is built and installed. I have submitted these for inclusion in the regular dist distribution.

modified/

These are modified versions of the standard units. Also included in this directory are new units that are clearly derived from existing units. I have submitted these for inclusion in the regular dist distribution.

perl/

These are specific to perl. Some are heavily derived from

original dist units, and are marked as such. Others are original.

perl_patches/

These are patches to the perl source. This directory should ordinarily be empty, but there may have been drift between the standard version of perl and the one associated with these units.

protos/

These are units modified to use the new Hasproto.U or Protochk.U units to check for prototypes. I have submitted these for inclusion into the regular dist distribution.

target/

This is the very, very beginning of cross-compiler support. It doesn't work yet, and many standard units will need modification.

typedefs/

These are standard units modified to use the modified Typedef.U unit to check for typedefs. (The modified Typedef.U includes a function to avoid unnecessary prompts if the typedef being searched for exists.) I have submitted these for inclusion into the regular dist distribution.

threads/

These are specific to threading perl.

Copyright Information:

Unless otherwise indicated, the files contained in this distribution are:

Copyright (c) 1996-1998, Andy Dougherty

The following licensing terms apply to all files contained in this distribution:

You may distribute the files contained in this distribution under the terms of either

- a) the "Artistic License" which comes with Perl, or
- b) the "Artistic License" which comes with dist, or
- c) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version (see the file "Copying" that comes with the

Perl distribution).

Which
one to use is your choice.

The units in the "modified" directory have been derived from units associated with the metaconfig program of Raphael Manfredi's "dist" distribution. These units list Raphael Manfredi as the Copyright holder. dist is distributed under a modified version of the Perl Artistic License. Clause 7 of this modified license as contained in dist-3.0-pl60 provides:

7. You may reuse parts of this Package in your own programs, provided that you explicitly state where you got them from, in the source code (and, left to your courtesy, in the documentation), duplicating all the associated copyright notices and disclaimers. Besides your changes, if any, must be clearly marked as such. Parts reused that way will no longer fall under this license if, and only if, the name of your program(s) have no immediate connection with the name of the Package itself or its associated programs. You may then apply whatever restrictions you wish on the reused parts or choose to place them in the Public Domain--this will apply only within the context of your package.

In accordance with this clause, the versions of these units contained here are made available under the same terms as the rest of the units.

If you have any questions about the use of these units or about the differences between these units and the standard versions, please feel free to ask.

Andy Dougherty doughera@lafayette.edu
Dept. of Physics
Lafayette College
Easton, PA 18042-1782

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/README.dist

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Setvar.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Setvar.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 15:58:28 ram

?RCS: patch36: call ./whoa explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:16 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit produces a variable that is intended to be eval'ed in
?X: order to define/undefine a symbol. A consistency check is made
?X: regarding any previous value and a warning is issued if there
?X: is any discrepancy.

?X:

?X:

To use it, say:

?X: val=<value>

?X: set d_variable

?X: eval \$setvar

?X:

?MAKE:Setvar: Whoa

?MAKE: -pick add \$@ %<

?LINT:define setvar

?S:setvar:

?S: This shell variable is used internally by Configure to set a value

?S: to a given symbol that is defined or not. A typical use is:

?S: val=<value computed>

?S: set d_variable

?S: eval \$setvar

?S: That will print a message in case the \$val value is not the same

?S: as the previous value of \$d_variable.

?S:.

?V:setvar:val

?T:var was td tu

: function used to set '\$1' to '\$val'

setvar='var=\$1; eval "was=\\$1"; td=\$define; tu=\$undef;

case "\$val\$was" in

\$define\$undef) ./whoa; eval "\$var=\\$td";;

\$undef\$define) ./whoa; eval "\$var=\\$tu";;

*) eval "\$var=\$val";;

esac'

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Setvar.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Mkdirp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Extract.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 14:58:52 ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 15:51:46 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:52 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a shell script which can launched to create a
?X: directory path like "mkdir -p" would do.
?X:
?MAKE:Mkdirp:
eunicefix startsh
?MAKE: -pick add $@ %<
?F:./mkdirp
?T:name create file
: script used to emulate mkdir -p
cat >mkdirp <<EOS
$startsh
EOS
cat >>mkdirp <<'EOS'
name=$1;
create="";
while test $name; do
if test ! -d "$name"; then
create="$name $create"
name=`echo $name | sed -e "s|^[^/]*$||"``
name=`echo $name | sed -e "s|(.*).*/.*|1|"``
else
name=""
fi
done
for file in $create; do
```



```
mkdir $file
done
EOS
chmod +x mkdirp
$eunicefix mkdirp
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Mkdirp.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gconvert.U,v 3.0.1.3 1997/02/28 15:33:38 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
```

```
?RCS:
```

```
?RCS: $Log: d_gconvert.U,v $
```

```
?RCS: Revision 3.0.1.3 1997/02/28 15:33:38 ram
```

```
?RCS: patch61: integrated new unit from perl5
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.2 1995/07/25 13:55:59 ram
```

```
?RCS: patch56: improved comments about the Gconvert macro (ADO)
```

```
?RCS: patch56: force compile-link test since it may exist but be unusable (ADO)
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1994/10/29 16:12:51 ram
```

```
?RCS: patch36:
```

```
created by ADO
```

```
?RCS:
```

```
?MAKE:d_Gconvert: \
```

```
Compile cat Inlibc rm _o rm_try i_stdlib d_qgcvt run \
```

```
uselongdouble d_longdbl d_PRIgldbl sPRIgldbl
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_Gconvert:
```

```
?S: This variable holds what Gconvert is defined as to convert
```

```
?S: floating point numbers into strings. By default, Configure
```

```
?S: sets this macro to use the first of gconvert, gcvt, or sprintf
```

```
?S: that pass sprintf-%g-like behavior tests. If perl is using
```

```
?S: long doubles, the macro uses the first of the following
```

```
?S: functions that pass Configure's tests: qgcvt, sprintf (if
```

```
?S: Configure knows how to make sprintf format long doubles--see
```

```
?S: sPRIgldbl), gconvert, gcvt, and sprintf (casting to double).
```

?S: The `gconvert_preference` and `gconvert_ld_preference` variables
?S: can be used to alter Configure's preferences, for doubles and
?S: long doubles, respectively. If present, they contain a
?S: space-separated list of one or more of the above function
?S: names in the order they should be tried.
?S:
?S: `d_Gconvert`
may be set to override Configure with a platform-
?S: specific function. If this function expects a double, a
?S: different value may need to be set by the `uselongdouble.cbu`
?S: call-back unit so that long doubles can be formatted without
?S: loss of precision.
?S:.

?C:Gconvert:
?C: This preprocessor macro is defined to convert a floating point
?C: number to a string without a trailing decimal point. This
?C: emulates the behavior of `sprintf("%g")`, but is sometimes much more
?C: efficient. If `gconvert()` is not available, but `gcvt()` drops the
?C: trailing decimal point, then `gcvt()` is used. If all else fails,
?C: a macro using `sprintf("%g")` is used. Arguments for the `Gconvert`
?C: macro are: value, number of digits, whether trailing zeros should
?C: be retained, and the output buffer.
?C: The usual values are:
?C: `d_Gconvert='gconvert((x),(n),(t),(b))'`
?C: `d_Gconvert='gcvt((x),(n),(b))'`
?C: `d_Gconvert='sprintf((b),"%.*g",(n),(x))'`
?C: The last two assume trailing zeros should
not be kept.
?C:.

?H:#define Gconvert(x,n,t,b) \$d_Gconvert
?H:.

?T: xxx_list xxx_convert xxx_ld_list
?F:!try
?LINT:extern gconvert_preference
?LINT:extern gconvert_ld_preference
: Check how to convert floats to strings.

if test "X\$d_Gconvert" = X; then

echo " "
echo "Checking for an efficient way to convert floats to strings."
echo " " > try.c
case "\$uselongdouble" in
"\$define") echo "#define USE_LONG_DOUBLE" >>try.c ;;
esac
case "\$d_longdbl" in
"\$define") echo "#define HAS_LONG_DOUBLE" >>try.c ;;
esac

```

case "$d_PRIgldbl" in
"$define") echo "#define HAS_PRIgldbl" >>try.c ;;
esac
$cat >>try.c <<EOP
#ifdef TRY_gconvert
#define Gconvert(x,n,t,b) gconvert((x),(n),(t),(b))
char *myname = "gconvert";
#endif
#ifdef TRY_gcvt
#define Gconvert(x,n,t,b) gcvt((x),(n),(b))
char *myname = "gcvt";
#endif
#ifdef TRY_qgcvt
#define Gconvert(x,n,t,b) qgcvt((x),(n),(b))
char *myname = "qgcvt";
#define DOUBLETYP long double
#endif
#ifdef TRY_sprintf
#if defined(USE_LONG_DOUBLE) && defined(HAS_LONG_DOUBLE)
#ifdef
HAS_PRIgldbl
#define Gconvert(x,n,t,b) sprintf((b),"%.*$sPRIgldbl,(n),(x))
#else
#define Gconvert(x,n,t,b) sprintf((b),"%.*g",(n),(double)(x))
#endif
#else
#define Gconvert(x,n,t,b) sprintf((b),"%.*g",(n),(x))
#endif
char *myname = "sprintf";
#endif

#ifdef DOUBLETYP
#if defined(USE_LONG_DOUBLE) && defined(HAS_LONG_DOUBLE)
#define DOUBLETYP long double
#else
#define DOUBLETYP double
#endif
#endif

#include <stdio.h>

#ifdef _stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <string.h>

int checkit(char *expect, char *got)

```

```

{
    if (strcmp(expect, got)) {
        printf("%s oddity: Expected %s, got %s\n",
            myname, expect, got);
        exit(1);
    }
}

int main()
{
    char buf[64];
    buf[63] = '\0';

    /* This must be 1st test on (which?) platform */
    /* Alan Burlison <AlanBurlsin@unn.unisys.com> */
    Gconvert((DOUBLETTYPE)0.1, 8, 0, buf);
    checkit("0.1", buf);

    Gconvert((DOUBLETTYPE)0.01, 8, 0, buf);
    checkit("0.01", buf);

    Gconvert((DOUBLETTYPE)0.001, 8, 0, buf);
    checkit("0.001",
        buf);

    Gconvert((DOUBLETTYPE)0.0001, 8, 0, buf);
    checkit("0.0001", buf);

    Gconvert((DOUBLETTYPE)0.00009, 8, 0, buf);
    if (strlen(buf) > 5)
        checkit("9e-005", buf); /* for Microsoft ?? */
    else
        checkit("9e-05", buf);

    Gconvert((DOUBLETTYPE)1.0, 8, 0, buf);
    checkit("1", buf);

    Gconvert((DOUBLETTYPE)1.1, 8, 0, buf);
    checkit("1.1", buf);

    Gconvert((DOUBLETTYPE)1.01, 8, 0, buf);
    checkit("1.01", buf);

    Gconvert((DOUBLETTYPE)1.001, 8, 0, buf);
    checkit("1.001", buf);

    Gconvert((DOUBLETTYPE)1.0001, 8, 0, buf);
    checkit("1.0001", buf);

```

```
Gconvert((DOUBLETTYPE)1.00001, 8, 0, buf);
checkit("1.00001", buf);
```

```
Gconvert((DOUBLETTYPE)1.000001, 8, 0, buf);
checkit("1.000001", buf);
```

```
Gconvert((DOUBLETTYPE)0.0, 8, 0, buf);
checkit("0", buf);
```

```
Gconvert((DOUBLETTYPE)-1.0, 8, 0, buf);
checkit("-1", buf);
```

```
/* Some Linux gcvt's give 1.e+5 here. */
Gconvert((DOUBLETTYPE)100000.0, 8, 0, buf);
checkit("100000", buf);
```

```
/* Some Linux gcvt's give -1.e+5 here. */
Gconvert((DOUBLETTYPE)-100000.0,
8, 0, buf);
checkit("-100000", buf);
```

```
Gconvert((DOUBLETTYPE)123.456, 8, 0, buf);
checkit("123.456", buf);
```

```
/* Testing of 1e+129 in bigintpm.t must not get extra '.' here. */
Gconvert((DOUBLETTYPE)1e34, 8, 0, buf);
/* 34 should be enough to scare even long double
* places into using the e notation. */
if (strlen(buf) > 5)
    checkit("1e+034", buf); /* for Microsoft */
else
    checkit("1e+34", buf);
```

```
/* For Perl, if you add additional tests here, also add them to
* t/base/num.t for benefit of platforms not using Configure or
* overriding d_Gconvert */
```

```
exit(0);
}
```

EOP

?X: List of order in which to search for functions.

?X: Usual order of efficiency is gconvert gcvt sprintf

?X: If a hint file sets a d_Gconvert="gconvert" or "gcvt" or "sprintf",

?X: then that is taken as a hint for which function to try first.

?X: (e.g. that function may be in a problematic /usr/ucblib library, and

?X: the user may or may not choose to use -lucb stuff.)

?X: Any other hint file

```

(or previous config.sh) setting is left intact.
: first add preferred functions to our list
xxx_list=""
for xxx_convert in $gconvert_preference; do
    case $xxx_convert in
        gcvt|gconvert|sprintf) xxx_list="$xxx_list $xxx_convert" ;;
        *) echo "Discarding unrecognized gconvert_preference $xxx_convert" >&4 ;;
    esac
done
: then add any others
for xxx_convert in gconvert gcvt sprintf; do
    case "$xxx_list" in
        *$xxx_convert*) ;;
        *) xxx_list="$xxx_list $xxx_convert" ;;
    esac
done

case "$d_longdbl$uselongdouble" in
"$define$define")
    : again, add preferred functions to our list first
    xxx_ld_list=""
    for xxx_convert in $gconvert_ld_preference; do
        case $xxx_convert in
            qgcvt|gcvt|gconvert|sprintf) xxx_ld_list="$xxx_ld_list $xxx_convert" ;;
            *) echo "Discarding unrecognized gconvert_ld_preference $xxx_convert" ;;
        esac
    done
    : then add qgcvt, sprintf--then, in xxx_list order, gconvert and gcvt
    for xxx_convert in qgcvt sprintf
    $xxx_list; do
        case "$xxx_ld_list" in
            $xxx_convert*|*" $xxx_convert"*) ;;
            *) xxx_ld_list="$xxx_ld_list $xxx_convert" ;;
        esac
    done
    : if sprintf cannot do long doubles, move it to the end
    if test "$d_PRIgldbl" != "$define"; then
        xxx_ld_list=""echo $xxx_ld_list|sed s/sprintf/^ sprintf"
    fi
    : if no qgcvt, remove it
    if test "$d_qgcvt" != "$define"; then
        xxx_ld_list=""echo $xxx_ld_list|sed s/qgcvt/^"
    fi
    : use the ld_list
    xxx_list="$xxx_ld_list"
    ;;
esac

```

```

for xxx_convert in $xxx_list; do
  echo "Trying $xxx_convert..."
  ?X: Do NOT use $rm_try here, as we need to keep try.c
  $rm -f try try$o core
  set try -DTRY_$xxx_convert
  if eval $compile; then
    echo "$xxx_convert() found." >&4
    if $run ./try; then
      echo "I'll use $xxx_convert to convert floats into a string." >&4
      break;
    else
      echo "...But $xxx_convert didn't work as I expected."
      xxx_convert=""
    fi
  else
    echo "$xxx_convert NOT found."
  >&4
  fi
done

if test X$xxx_convert = X; then
  echo "*** WHOA THERE!!! ***" >&4
  echo "None of ($xxx_list) seemed to work properly. I'll use sprintf." >&4
  xxx_convert=sprintf
fi

case "$xxx_convert" in
gconvert) d_Gconvert='gconvert((x),(n),(t),(b))' ;;
gcvt) d_Gconvert='gcvt((x),(n),(b))' ;;
qgcvt) d_Gconvert='qgcvt((x),(n),(b))' ;;
*) case "$uselongdouble$d_longdbl$d_PRIgldbl" in
"$define$define$define")
  d_Gconvert="sprintf((b),\"%. *\"$sPRIgldbl,(n),(x))" ;;
"$define$define$undef")
  d_Gconvert='sprintf((b),\"%. *g\",(n),(double)(x))' ;;
*) d_Gconvert='sprintf((b),\"%. *g\",(n),(x))' ;;
esac
;;
esac

fi
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_gconvert.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_sgndchr.U,v 3.0.1.2 1997/02/28 15:44:25 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_sgndchr.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:44:25 ram
?RCS: patch61: added a ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.1 1995/07/25 14:00:24 ram
?RCS: patch56: made cc and ccflags optional dependencies
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:16 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_sgndchr: cat rm Compile Setvar run
?MAKE: -pick add $@ %<
?S:d_sgndchr:
?S: This variable conditionally defines the SIGNEDCHAR
symbol, which
?S: indicates to the C program that signed characters are available.
?S:.
?C:SIGNEDCHAR:
?C: This symbol, if defined, indicates that characters are a signed type.
?C: If not defined, things declared as signed characters (and that make
?C: use of negative values) should probably be declared as shorts instead.
?C:.
?H:#$d_sgndchr SIGNEDCHAR /**/
?H:.
?F:!try
?LINT:set d_sgndchr
: check for signed chars
echo " "
echo "Checking to see if your C compiler can do signed chars..." >&4
$cat >try.c <<'EOCP'
int main()
{
char c = 0;

c--;
exit(c >= 0);
}
EOCP

```



```

set try
if eval $compile && $run ./try; then
if $run ./try; then
val="$define"
echo "It certainly can."
else
val="$undef"
echo "It can't. I'll have to make some things type short."
fi
set d_sgndchr
eval $setvar
$rm -f try*

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_sgndchr.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_casti32.U,v 3.0.1.3 1995/05/12 12:10:45 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_casti32.U,v $
?RCS: Revision 3.0.1.3 1995/05/12 12:10:45 ram
?RCS: patch54: made sure cc and cflags are conditional dependencies
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:09:37 ram
?RCS: patch36: declare signal handler correctly (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:07:06 ram
?RCS: patch32: created by ADO
?RCS:
?X:
?X: Can the compiler cast large floats to
?X: 32-bit integers?
?X:
?MAKE:d_casti32: cat Compile rm_try intsize Setvar test signal_t run i_stdlib
?MAKE: -pick add $@ %<
?S:d_casti32:
?S: This variable conditionally defines CASTI32, which indicates

```

```

?S: whether the C compiler can cast large floats to 32-bit ints.
?S:.
?C:CASTI32:
?C: This symbol is defined if the C compiler can cast negative
?C: or large floating point numbers to 32-bit ints.
?C:.
?H:#$d_casti32 CASTI32 /**/
?H:.
?T:xxx yyy
?F:!try
?LINT:set d_casti32
: check for ability to cast large floats to 32-bit ints.
echo " "
echo 'Checking whether your C compiler can cast large floats to int32.'>&4
if $test "$intsize" -ge 4; then
  xxx=int
else
  xxx=long
fi
$cat >try.c <<EOCP
#include <stdio.h>
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <sys/types.h>
#include <signal.h>
$signal_t blech(int s) { exit(3); }
int main()
{
  $xxx i32;
  double f, g;
  int result = 0;
  char str[16];
  signal(SIGFPE, blech);

  /* Don't let compiler optimize the test away.
  Store the number
  in a writable string for gcc to pass to sscanf under HP-UX.
  */
  sprintf(str, "2147483647");
  sscanf(str, "%lf", &f); /* f = (double) 0x7fffffff; */
  g = 10 * f;
  i32 = ($xxx) g;

  /* x86 processors will probably give 0x8000 0000, which is a
  sign change. We don't want that. We want to mimic SPARC
  behavior here, which is to preserve the sign and give

```

```

    back 0x7fff ffff.
*/
if (i32 != ($xxx) f)
    result |= 1;
exit(result);
}
EOCP
set try
if eval $compile_ok; then
    $run ./try 2>/dev/null
    yyy=$?
else
    echo "(I can't seem to compile the test program--assuming it can't)"
    yyy=1
fi
case "$yyy" in
0) val="$define"
    echo "Yup, it can."
    ;;
*) val="$undef"
    echo "Nope, it can't."
    ;;
esac
set d_casti32
eval $setvar
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_casti32.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: orgname.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: orgname.U,v \$

?RCS: Revision 3.0.1.1 1993/09/13 16:10:25 ram

?RCS: patch10: added support for /local/src to the search (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:27 ram

?RCS: Baseline for dist 3.0 netwide release.

```

?RCS:
?MAKE:orgname: sed cat Myread Loc Oldconfig
?MAKE: -pick add $@ %<
?S:orgname:
?S: This variable contains the eventual value of the ORGNAME symbol,
?S: which contains either the organization name or the full pathname
?S: of
    a file containing the organization name.
?S:.
?C:ORGNAME:
?C: This symbol contains either the organization name or the full pathname
?C: of a file containing the organization name, which the program must
?C: be prepared to open and substitute the contents of.
?C:.
?H:#define ORGNAME "$orgname" /**/
?H:.
?T:longshots xxx
: get organization name
longshots=/local/src /usr/src/new /usr/src/local /usr/local/src'
case "$orgname" in
*) if xxx=`./loc news/src/defs.h x $longshots`; then
    dflt=`$sed -n 's/^.*MYORG[ ]*"(.*)".*$/\1/p' $xxx`
    else
        dflt="
    fi
    ;;
*) dflt="$orgname";;
esac
$cat << 'EOH'

```

Please type the name of your organization as you want it to appear on the Organization line of outgoing articles. (It's nice if this also specifies your location. Your city name is probably sufficient if well known.)
For example:

```

    University of Southern North Dakota, Hoople

```

You may also put the name of a file, as long as it begins with a slash.
For example:

```

    /etc/organization

```

```

EOH
orgname=""
while
test "X$orgname" = "X"; do
rp='Organization:'
. ./myread

```

orgname="\$ans"

done

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/orgname.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_syssselct.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_syssselct.U,v \$

?RCS: Revision 3.0.1.1 1993/08/25 14:01:33 ram

?RCS: patch6: added default for i_syssselct

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:35 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: Look wether <sys/select.h> exists

?X:

?MAKE:i_syssselct: Inhdr

?MAKE: -pick add \$@ %<

?S:i_syssselct:

?S: This variable conditionally defines I_SYS_SELECT, which indicates

?S: to the C program that it should include <sys/select.h> in

order to

?S: get the definition of struct timeval.

?S:.

?C:I_SYS_SELECT (I_SYSSELECT):

?C: This symbol, if defined, indicates to the C program that it should

?C: include <sys/select.h> in order to get definition of struct timeval.

?C:.

?H:#\$i_syssselct I_SYS_SELECT /**/

?H:.

?D:i_syssselct="

?LINT:set i_syssselct

: see if sys/select.h has to be included

set sys/select.h i_syssselct

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysselect.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_varhdr.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:54:42 ram

?RCS: patch61: varargs script now starts with leading "startsh"

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 16:21:02 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0.1.1 1994/05/13 15:26:05 ram

?RCS: patch27: this unit now supersedes old i_stdarg.U and i_varargs.U

?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:49 ram

?RCS: Baseline for

dist 3.0 netwide release.

?RCS:

?MAKE:i_stdarg i_varargs i_varhdr: cat +cc +ccflags rm test Setvar \
Findhdr Warn startsh _o

?MAKE: -pick add \$@ %<

?S:i_stdarg:

?S: This variable conditionally defines the I_STDARG symbol, which

?S: indicates to the C program that <stdarg.h> exists and should

?S: be included.

?S:.

?S:i_varargs:

?S: This variable conditionally defines I_VARARGS, which indicates

?S: to the C program that it should include <varargs.h>.

?S:.

?S:i_varhdr:

?S: Contains the name of the header to be included to get va_dcl definition.

?S: Typically one of varargs.h or stdarg.h.

?S:.

?C:I_STDARG:

?C: This symbol, if defined, indicates that <stdarg.h> exists and should

```

?C: be included.
?C:.
?C:I_VARARGS:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <varargs.h>.
?C:.
?H:#$i_stdarg I_STDARG /**/
?H:#$i_varargs I_VARARGS /**/
?H:.
?W:%<:va_dcl
?F:!varargs
?T:valstd
?LINT:set i_stdarg i_varargs
?X:
?X: Don't use setvar because the varargs test
    below might override these.
?X: Actually, the messages here are just informative. We don't wish to set
?X: i_varargs or i_stdarg to their final value before knowing which of the
?X: two we'll include.
?X:
: see if stdarg is available
echo " "
if $test `./findhdr stdarg.h`; then
    echo "<stdarg.h> found." >&4
    valstd="$define"
else
    echo "<stdarg.h> NOT found." >&4
    valstd="$undef"
fi

: see if varargs is available
echo " "
if $test `./findhdr varargs.h`; then
    echo "<varargs.h> found." >&4
else
    echo "<varargs.h> NOT found, but that's ok (I hope)." >&4
fi

?X:
?X: if you have stdarg.h, you need to support prototypes to actually use it;
?X: but if stdarg.h exists and the compiler doesn't support prototypes (for some
?X: bizarre reason), we'll fall back to varargs.h anyway so it's not so bad.
?X:
: set up the varargs testing programs
$cat > varargs.c <<EOP
#ifdef I_STDARG
#include <stdarg.h>
#endif

```

```

#ifndef I_VARARGS
#include <varargs.h>
#endif

#ifndef I_STDARG
int f(char *p, ...)
#else
int
f(va_alist)
va_dcl
#endif
{
va_list ap;
#ifndef I_STDARG
char *p;
#endif
#ifdef I_STDARG
va_start(ap,p);
#else
va_start(ap);
p = va_arg(ap, char *);
#endif
va_end(ap);
}
EOP
$cat > varargs <<EOP
$startsh
if $cc -c $ccflags -D\${1} varargs.c >/dev/null 2>&1; then
echo "true"
else
echo "false"
fi
$rm -f varargs$_o
EOP
chmod +x varargs

: now check which varargs header should be included
echo " "
i_varhdr="
case "$valstd" in
"$define")
if `./varargs I_STDARG`; then
val='stdarg.h'
elif `./varargs I_VARARGS`; then
val='varargs.h'
fi
;;
*)

```



```

if `./varargs I_VARARGS`; then
  val='varargs.h'
fi
;;
esac
case "$val" in
")
./warn "I could not find the definition for va_dcl... You have problems..."
val="$undef"; set i_stdarg; eval $setvar
val="$undef"; set i_varargs; eval $setvar
;;
*)
set i_varhdr
eval $setvar
case "$i_varhdr" in
stdarg.h)
val="$define"; set i_stdarg; eval $setvar
val="$undef"; set i_varargs; eval $setvar
;;
varargs.h)
val="$undef"; set i_stdarg;
eval $setvar
val="$define"; set i_varargs; eval $setvar
;;
esac
echo "We'll include <$i_varhdr> to get va_dcl definition." >&4;;
esac
$rm -f varargs*

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_varhdr.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_endnent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_endnent.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:

```

?MAKE:d_endnent: Inlibc
?MAKE: -pick add \$@ %<
?S:d_endnent:
?S: This variable conditionally defines HAS_ENDNETENT if endnetent() is
?S: available to close whatever was being used for network queries.
?S:.
?C:HAS_ENDNETENT:
?C: This symbol, if defined, indicates that the endnetent() routine is
?C: available to close whatever was being used for network
queries.
?C:.
?H:#\$d_endnent HAS_ENDNETENT /**/
?H:.
?LINT:set d_endnent
: see if endnetent exists
set endnetent d_endnent
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endnent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: contains.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: contains.U,v \$
?RCS: Revision 3.0 1993/08/18 12:05:35 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:contains: Nothing
?MAKE: -pick add \$@ %<
?S:contains:
?S: This variable holds the command to do a grep with a proper return
?S: status. On most sane systems it is simply "grep". On insane systems
?S: it is a grep followed by a cat followed by a test. This variable
?S: is primarily for the use of other Configure units.
?S:.
: Some
greps do not return status, grrr.
echo "grimblepritz" >grimble

```

if grep blurfldyick grimble >/dev/null 2>&1 ; then
contains=contains
elif grep grimblepritz grimble >/dev/null 2>&1 ; then
contains=grep
else
contains=contains
fi
rm -f grimble
: the following should work in any shell
case "$contains" in
contains*)
echo " "
echo "AGH! Grep doesn't return a status. Attempting remedial action."
cat >contains <<'EOSS'
grep "$1" "$2" >.greptmp && cat .greptmp && test -s .greptmp
EOSS
chmod +x contains
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/contains.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setpgrp2.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setpgrp2.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:10 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setpgrp2: Inlibc
?MAKE: -pick add $@ %<
?S:d_setpgrp2:
?S: This variable conditionally defines the HAS_SETPGRP2 symbol, which
?S: indicates to the C program that the setpgrp2() (as in DG/UX) routine
?S: is available to set the current process group.
?S:.
?C:HAS_SETPGRP2 (SETPGRP2):
?C: This symbol, if defined, indicates that the

```

```
setpgrp2() (as in DG/UX)
?C: routine is available to set the current process group.
?C:.
?H:#$d_setpgrp2 HAS_SETPGRP2 /**/
?H:.
?LINT:set d_setpgrp2
: see if setpgrp2 exists
set setpgrp2 d_setpgrp2
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setpgrp2.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: charorder.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:07:08 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:33 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:chorder_int chorder_short chorder_long: Myread cat +cc +ccflags rm

?MAKE: -pick add \$@ %<

?S:chorder_short (d_cos d_bos):

?S: Holds the value describing the byte ordering of characters in a short.

?S: On a Big-Endian machine, that would be "c0c1".

?S:.

?S:chorder_int

(charoder):

?S: Holds the value describing the byte ordering of characters in an int.

?S: For instance, on a Big-Endian machine, this would be: "c0c1c2c3".

?S:.

?S:chorder_long (d_col d_bol):

?S: Holds the value describing the byte ordering of characters in a long.

?S: On a 64 bits Big-Endian machine, that would yield: "c0c1c2c3c4c5c6c7".

?S:.

?C:CHAR_ORDER_SHORT:

```

?C: Holds the byte ordering of characters in a short. It's a string
?C: value like "c0c1" on a Big-Endian machine.
?C:.
?C:CHAR_ORDER_INT:
?C: Holds the byte ordering of characters in an int. It's a string
?C: value like "c0c1c2c3" on a Big-Endian machine.
?C:.
?C:CHAR_ORDER_LONG:
?C: Holds the byte ordering of characters in a long. It's a string
?C: value like "c0c1c2c3c4c5c6c7" on a 64 bits Big-Endian machine.
?C:.
?H:#define CHAR_ORDER_SHORT "$chorder_short" /* byte order in a short */
?H:#define CHAR_ORDER_INT "$chorder_int" /* byte order in an int */
?H:#define CHAR_ORDER_LONG "$chorder_long" /* byte order in a long */
?H:.
?F:!byteorder
:
  check for character ordering
echo " "
echo "Checking out byte order..." >&4
$cat >byteorder.c <<'EOCP'
#include <stdio.h>

main(argc, argv)
int argc;
char *argv[]; {
int i;
int max;
union {
short u_s;
int u_i;
long u_l;
char u_c[sizeof(long)];
} u;
switch (argv[1][0]) {
case 'l':
u.u_l = 0L;
/* HMS: ASSERT: sizeof(long) < 10. */
for(i = 0; i < sizeof(long); ++i) {
u.u_l *= 0x100L;
u.u_l += (0xc0 + i);
}
max = sizeof(long);
break;
case 's':
u.u_s = 0;
/* HMS: ASSERT: sizeof(short) < 10. */
for(i = 0; i < sizeof(short); ++i) {

```

```

    u.u_s *= 0x100L;
    u.u_s += (0xc0 + i);
}
max = sizeof(short);
break;
case 'i':
    u.u_i = 0;
    /* RAM: ASSERT: sizeof(int) < 10. */
    for(i = 0; i < sizeof(int); ++i) {
        u.u_l *= 0x100L;
        u.u_l += (0xc0 + i);
    }
    max = sizeof(int);
    break;
default:
    max = 0;
    break;
}
for(i = 0; i < max; i++) {
    printf("%x", u.u_c[i] & 0x00FF);
}
printf("\n");
exit(0);
}
EOCP
if $cc $ccflags -o
byteorder byteorder.c >/dev/null 2>&1 ; then
: null statement
@if chorder_short
    chorder_short=`./byteorder s`
@end
@if chorder_int
    chorder_int=`./byteorder i`
@end
@if chorder_long
    chorder_long=`./byteorder l`
@end
else
$cat <<EOM
(I can't seem to get my test program to work. Guessing 32 bits big-endian.)
EOM
    chorder_short="c0c1"
    chorder_int="c0c1c2c3"
    chorder_long="c0c1c2c3"
fi
@if chorder_short
dflt=$chorder_short
rp="What is the order of characters in a short?"

```

```

./myread
chorder_short="$ans"
@end
@if chorder_int
dflt=$chorder_int
rp='What is the order of characters in an int?'
./myread
chorder_int="$ans"
@end
@if chorder_long
dflt=$chorder_long
rp='What is the order of characters in a long?'
./myread
chorder_long="$ans"
@end
$rm -f byteorder* core

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/charorder.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: cpp_stuff.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cpp_stuff.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:08:24 ram
?RCS: patch36: now uses cppstdin instead of plain cpp for consistency (ADO)
?RCS: patch36: remove temporary files when done
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:36 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:cpp_stuff: cat contains cppstdin cppflags cppminus rm
?MAKE: -pick add $@ %<
?S:cpp_stuff:
?S: This variable contains an identification of the concatenation
mechanism
?S: used by the C preprocessor.
?S:.
?C:CAT2:

```

?C: This macro concatenates 2 tokens together.
?C:.
?C:CAT3:
?C: This macro concatenates 3 tokens together.
?C:.
?C:CAT4:
?C: This macro concatenates 4 tokens together.
?C:.
?C:CAT5:
?C: This macro concatenates 5 tokens together.
?C:.
?C:STRINGIFY:
?C: This macro surrounds its token with double quotes.
?C:.
?C:SCAT2:
?C: This macro concatenates 2 tokens together and stringifies the result.
?C: It might not exist, so #ifdef it in your code!
?C:.
?C:SCAT3:
?C: This macro concatenates 3 tokens together and stringifies the result.
?C: It might not exist, so #ifdef it in your code!
?C:.
?C:SCAT4:
?C: This macro concatenates 4 tokens together and stringifies the result.
?C: It might not exist, so #ifdef it in your code!
?C:.
?C:SCAT5:
?C: This macro concatenates 5 tokens together and stringifies the result.
?C: It might not exist, so #ifdef it in your code!
?C:.
?X: Dist pl70 included the following, but AIX's xlc compiler
?X: (which
is ANSI-ish and has cpp_stuff == 42)) rejects
?X: The SQuoTe/EQuoTe stuff because the string literals are on
?X: separate lines. Sigh.
?X: Andy Dougherty 24 Feb 1998
?X: ?H:??<:#if \$cpp_stuff == 1
?X: ?H:?CAT2:#define CAT2(a,b)a/**/b
?X: ?H:?CAT3:#define CAT3(a,b,c)a/**/b/**/c
?X: ?H:?CAT4:#define CAT4(a,b,c,d)a/**/b/**/c/**/d
?X: ?H:?CAT5:#define CAT5(a,b,c,d,e)a/**/b/**/c/**/d/**/e
?X: ?H:?STRINGIFY:#define STRINGIFY(a)"a"
?X: ?H:??<:#define SQuoTe(a)"a"
?X: ?H:??<:#define EQuoTe(a)a"
?X: ?H:?SCAT2:#define SCAT2(a,b)EQuoTe(SQuoTe(a)b)
?X: ?H:?SCAT3:#define SCAT3(a,b,c)EQuoTe(SQuoTe(a)b/**/c)
?X: ?H:?SCAT4:#define SCAT4(a,b,c,d)EQuoTe(SQuoTe(a)b/**/c/**/d)
?X: ?H:?SCAT5:#define SCAT5(a,b,c,d,e)EQuoTe(SQuoTe(a)b/**/c/**/d/**/e)


```

?X: ?H:??%<:#endif
?H:??%<:#if $cpp_stuff == 1
?H:??CAT2:#define CAT2(a,b) a/**/b
?H:??CAT3:#define CAT3(a,b,c) a/**/b/**/c
?H:??CAT4:#define CAT4(a,b,c,d) a/**/b/**/c/**/d
?H:??CAT5:#define CAT5(a,b,c,d,e) a/**/b/**/c/**/d/**/e
?H:??STRINGIFY:#define STRINGIFY(a) "a"
?X: If
    you can get stringification with catify, tell me how!
?H:??%<:#endif
?H:??%<:#if $cpp_stuff == 42
?H:??%<:#define PeRl_CaTiFy(a, b) a ## b
?H:??%<:#define PeRl_StGiFy(a) #a
?X: The additional level of indirection enables these macros to be
?X: used as arguments to other macros. See K&R 2nd ed., page 231.
?H:??CAT2:#define CAT2(a,b) PeRl_CaTiFy(a,b)
?H:??CAT3:#define CAT3(a,b,c) CAT2(PeRl_CaTiFy(a,b),c)
?H:??CAT4:#define CAT4(a,b,c,d) CAT2(CAT3(a,b,c),d)
?H:??CAT5:#define CAT5(a,b,c,d,e) CAT2(CAT4(a,b,c,d),e)
?H:??%<:#define StGiFy(a) PeRl_StGiFy(a)
?H:??STRINGIFY:#define STRINGIFY(a) PeRl_StGiFy(a)
?H:??SCAT2:#define SCAT2(a,b) PeRl_StGiFy(a) PeRl_StGiFy(b)
?H:??SCAT3:#define SCAT3(a,b,c) PeRl_StGiFy(a) PeRl_StGiFy(b) PeRl_StGiFy(c)
?H:??SCAT4:#define SCAT4(a,b,c,d) PeRl_StGiFy(a) PeRl_StGiFy(b) PeRl_StGiFy(c) PeRl_StGiFy(d)
?H:??SCAT5:#define SCAT5(a,b,c,d,e) PeRl_StGiFy(a) PeRl_StGiFy(b) PeRl_StGiFy(c) PeRl_StGiFy(d)
PeRl_StGiFy(e)
?H:??%<:#endif
?H:??%<:#if $cpp_stuff != 1 && $cpp_stuff
    != 42
?H:??%<:#include "Bleth: How does this C preprocessor concatenate tokens?"
?H:??%<:#endif
?H:.
?W:%<:CAT2 CAT3 CAT4 CAT5 STRINGIFY SCAT2 SCAT3 SCAT4 SCAT5
?F:!cpp_stuff.c
?LINT:known StGiFy
?LINT:known PeRl_CaTiFy
?LINT:known PeRl_StGiFy
: how do we concatenate cpp tokens here?
echo " "
echo "Checking to see how your cpp does stuff like concatenate tokens..." >&4
$cat >cpp_stuff.c <<'EOCP'
#define RCAT(a,b)a/**/b
#define ACAT(a,b)a ## b
RCAT(Rei,ser)
ACAT(Cir,cus)
EOCP
$cppstdin $cppflags $cppminus <cpp_stuff.c >cpp_stuff.out 2>&1
if $contains 'Circus' cpp_stuff.out >/dev/null 2>&1; then

```

```

echo "Oh! Smells like ANSI's been here." >&4
echo "We can catify or stringify, separately or together!"
cpp_stuff=42
elif $contains 'Reiser' cpp_stuff.out >/dev/null 2>&1; then
echo "Ah, yes! The good old days!" >&4
echo "However, in the good old days we don't know how to stringify and"
echo "catify at the same time."
cpp_stuff=1
else
$cat >&4 <<EOM
Hmm, I don't seem to be able to concatenate
tokens with your cpp.
You're going to have to edit the values of CAT[2-5] in config.h...
EOM
?X: It would be nice to have configure remind us at the end that some manual
?X: intervention is needed -- FIXME
cpp_stuff="/* Help! How do we handle cpp_stuff? *//"
fi
$rm -f cpp_stuff.*

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/cpp_stuff.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Csym.U,v 3.0.1.4 1995/07/25 13:36:29 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Csym.U,v $
?RCS: Revision 3.0.1.4 1995/07/25 13:36:29 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS: patch56: added quotes for OS/2 support
?RCS:
?RCS: Revision 3.0.1.3 1995/05/12 12:00:33 ram
?RCS: patch54: fixed C test program to bypass gcc builtin type checks (ADO)
?RCS:
?RCS: Revision 3.0.1.2 1994/10/31 09:34:13 ram
?RCS: patch44: added Options to the MAKE line since it's no longer in Init.U
?RCS:
?RCS: Revision

```

```

3.0.1.1 1993/08/25 14:00:05 ram
?RCS: patch6: added ldflags as a conditional dependency and to compile line
?RCS: patch6: a final double quote was missing in csym variable after eval
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:50 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:Csym mistrustnm extern_C: Options contains libc libs runnm test \
+cc +optimize +ccflags +ldflags run rm_try _exe d_cplusplus
?MAKE: -pick add $@ %<
?LINT:define csym
?LINT:use libc
?LINT:extern mistrustnm
?LINT:set mistrustnm
?S:csym:
?S: This shell variable is used internally by Configure to check
?S: whether a given C symbol is defined or not. A typical use is:
?S: set symbol result [-fva] [previous]
?S: eval $csym
?S: That will set result to 'true' if the function [-f], variable [-v]
?S: or array [-a] is defined, 'false' otherwise. If a previous value is
?S: given and the -r flag was provided on the command line, that value
?S: is reused without questioning.
?S:.
?S:extern_C:
?S: ANSI C
requires 'extern' where C++ requires 'extern "C"'. This
?S: variable can be used in Configure to do the right thing.
?S:.
?S:mistrustnm:
?S: This variable can be used to establish a fallback for the cases
?S: where nm fails to find a symbol. If usenm is false or usenm is true
?S: and mistrustnm is false, this variable has no effect. If usenm is true
?S: and mistrustnm is "compile", a test program will be compiled to try to
?S: find any symbol that can't be located via nm lookup. If mistrustnm is
?S: "run", the test program will be run as well as being compiled.
?S:.
?V:csym
?T:tval tx tlook tf tdc
?F:!try
: is a C symbol defined?
csym='tlook=$1;
case "$3" in
-v) tf=libc.tmp; tdc="";;
-a) tf=libc.tmp; tdc="[]";;
*) tlook="^$1\$"; tf=libc.list; tdc="()";;
esac;
case "$d_cplusplus" in

```

```

$define) extern_C="extern \"C\"";
*) extern_C="extern";
esac;
tx=yes;
case "$reusel-$4" in
true-) ;;
true-*) tx=no; eval "tval=\$4"; case "$tval" in "") tx=yes;; esac;;
esac;
case "$tx"
in
yes)
?X:
?X: Put symbol inside a printf to fool optimizing compilers...
?X:
?X: We use 'short' instead of 'int' to try to circumvent overzealous
?X: optimizing compilers using built-in prototypes for commonly used
?X: routines to complain when seeing a different external declaration. For
?X: instance, gcc 2.6.3 fails if we use 'int' and we attempt a test against
?X: memcpy() on machines where sizeof(int) == sizeof(char *) (the usual return
?X: type), the compiler assuming it's a built-in declaration given that the
?X: returned size matches. At least with 'short' we are safe! -- RAM, for ADO
?X:
?X: Let's thank GNU cc for making our lives so easy! :-)
?X: (An alternative for the future would be to use our knowledge about gcc
?X: to force a -fno-builtin option in the compile test, in case the 'short'
?X: trick is obsoleted by future gcc releases). -- RAM
?X:
tval=false;
if $test "$runnm" = true; then
if $contains $tlook $tf >/dev/null 2>&1; then
tval=true;
elif $test "$mistrustnm"
= compile -o "$mistrustnm" = run; then
echo "$extern_C void *$1$tdc; void *(*(p()))$tdc { return &$1; } int main(int argc, char **argv) { if(p() && p() !=
(void *)argv[0]) return(0); else return(1); }"> try.c;
$cc -o try $optimize $ccflags $ldflags try.c >/dev/null 2>&1 $libs && tval=true;
$test "$mistrustnm" = run -a -x try && { $run ./try$_exe >/dev/null 2>&1 || tval=false; };
$rm_try;
fi;
else
echo "$extern_C void *$1$tdc; void *(*(p()))$tdc { return &$1; } int main(int argc, char **argv) { if(p() && p() !=
(void *)argv[0]) return(0); else return(1); }"> try.c;
$cc -o try $optimize $ccflags $ldflags try.c $libs >/dev/null 2>&1 && tval=true;
$rm_try;
fi;
;;
*)
case "$tval" in

```

```
$define) tval=true;;
*) tval=false;;
esac;
;;
esac;
eval "$2=$tval"
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/Csym.U
```

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2006-2007, H.Merijn Brand

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_snprintf_1 d_vsnprintf_1 : Inlibc d_snprintf d_vsnprintf

?MAKE: -pick add \$@ %<

?S:d_snprintf_1:

?S: This variable conditionally defines the HAS_SNPRINTF_L symbol, which

?S: indicates to the C program that the snprintf_1 () library function

?S: is available.

?S:.

?S:d_vsnprintf_1:

?S: This variable conditionally defines the HAS_VSNPRINTF_L symbol, which

?S: indicates to the C program that the vsnprintf_1 () library function

?S: is available.

?S:.

?C:HAS_SNPRINTF_L:

?C: This symbol, if defined, indicates that the snprintf_1 () library

?C: function

is available for use.

?C:.

?C:HAS_VSNPRINTF_L:

?C: This symbol, if defined, indicates that the vsnprintf_1 () library

?C: function is available for use.

?C:.

?H:#\$d_snprintf_1 HAS_SNPRINTF_L /**/

?H:#\$d_vsnprintf_1 HAS_VSNPRINTF_L /**/

?H:.

: see if snprintf_1 exists

set snprintf_1 d_snprintf_1

eval \$inlibc

```

: see if vsnprintf_l exists
set vsnprintf_l d_vsnprintf_l
eval $inlibc

case "$d_sprintf-$d_vsnprintf-$d_sprintf_l-$d_vsnprintf_l" in
"$define-$define-$define-$define")
;;
*) echo "(These require the basic sprintf and vsnprintf to also be available, which they aren't"
d_sprintf_l="$undef"
d_vsnprintf_l="$undef"
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_sprintf_l.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Head.U 6 2006-08-25 22:21:46Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Head.U,v $
?RCS: Revision 3.0.1.9 1997/02/28 15:02:09 ram
?RCS: patch61: make sure we unset CDPATH for shells that support this
?RCS: patch61: improved Korn shell detection and handling
?RCS:
?RCS: Revision 3.0.1.8 1995/07/25 13:40:02 ram
?RCS: patch56: added SVR4-ish /opt directories to path list (ADO)
?RCS: patch56: OS/2 platforms are using another path separator
?RCS:
?RCS: Revision 3.0.1.7 1995/03/21 08:46:15 ram
?RCS: patch52: definition of
paths wrongly added spurious ':' chars
?RCS:
?RCS: Revision 3.0.1.6 1994/10/29 15:54:19 ram
?RCS: patch36: make sure ENV is unset before calling /bin/ksh
?RCS:
?RCS: Revision 3.0.1.5 1994/08/29 16:03:44 ram
?RCS: patch32: now sets PATH only using existing directories
?RCS:
?RCS: Revision 3.0.1.4 1994/06/20 06:54:28 ram

```

```

?RCS: patch30: now computes its invocation name into 'me'
?RCS: patch30: symbol me is made visible to all units read-only
?RCS:
?RCS: Revision 3.0.1.3 1993/12/15 08:15:07 ram
?RCS: patch15: added /sbin:/usr/sbin:/usr/libexec in PATH for BSD/386
?RCS:
?RCS: Revision 3.0.1.2 1993/11/10 17:32:35 ram
?RCS: patch14: ensure PATH is reset to '.' before testing for alias
?RCS:
?RCS: Revision 3.0.1.1 1993/08/27 14:38:07 ram
?RCS: patch7: not all 'test' programs support the -x option
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:58 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This is the very first unit in the Configure script. It is mostly just
?X:
things to keep people from getting into a tizzy right off the bat.
?X:
?MAKE:Head:
?MAKE: -pick wipe $@ %<
?V:PATH p__exe me newsh
?T:argv p paths OS2_SHELL DJGPP
?T:inksh needksh avoidksh newsh changesh reason
?F:!*
?LINT:extern ENV CDPATH SHELL MACHTYPE _exe is_os2
?LINT:change ENV CDPATH is_os2
?LINT:nocomment
#!/bin/sh
#
# If these # comments don't work, trim them. Don't worry about any other
# shell scripts, Configure will trim # comments from them for you.
#
# (If you are trying to port this package to a machine without sh,
# I would suggest you have a look at the prototypical config_h.SH file
# and edit it to reflect your system. Some packages may include samples
# of config.h for certain machines, so you might look for one of those.)
#
?X:
?X: NOTE THAT A CONFIGURE SCRIPT IS IN THE PUBLIC DOMAIN (whether or not
?X: the software which uses it is in the public domain).
?X:
# Yes, you may rip this off to use in other distribution packages. This
# script belongs to the public
domain and cannot be copyrighted.
#
?X:

```

?X: WE ASK YOU NOT TO REMOVE OR ALTER THE FOLLOWING PARAGRAPH, PLEASE:

?X:

```
# Note: this Configure script was generated automatically by the tool
# called "metaconfig". Rather than working with this copy of Configure,
# you should use metaconfig. Perl uses a modified version of this
# tool, and this, together with the metaconfig units, are available
# in the git repository:
# $ git clone https://github.com/perl5-metaconfig/metaconfig metaconfig
# The original dist package (including metaconfig) is available on github:
# $ git clone https://github.com/rmanfredi/dist.git dist-git
#
```

?X: OK, I'll not alter, but I'll add to it then ...

```
# Though this script was generated by metaconfig from metaunits, it is
# OK to send patches against Configure itself (but not to commit them
# to bleed). It's up to
# the Configure maintainers to backport the patch to the metaunits if it
# is accepted. Exceptions to this rule, and more information, is in
# Porting/pumpkin.pod.
```

?X:

?X:

NOTA BENE:

```
?X: If you develop you own version of metaconfig based on this work,
?X: you have to add some comments telling that the script was generated
?X: by your version, not mine: It credits your work.
?X:
```

```
# Generated using [metaconfig <VERSION> PL<PATCHLEVEL>]
# (with additional metaconfig patches by <MAINTLOC>)
```

```
cat >c1$$ <<EOF
ARGGGHHHH!!!!
```

SCO csh still thinks true is false. Write to SCO today and tell them that next year Configure ought to "rm /bin/csh" unless they fix their blasted shell. :-)

(Actually, Configure ought to just patch csh in place. Hmm. Hmmmmm. All we'd have to do is go in and swap the && and || tokens, wherever they are.)

[End of diatribe. We now return you to your regularly scheduled programming...]

EOF

```
cat >c2$$ <<EOF
```

```
OOPS! You naughty creature! You didn't run Configure with sh!
I will attempt to remedy the situation by running sh for you...
EOF
```

```
true || cat c1$$ c2$$
true || exec sh $0 $argv:q
```



```

(exit $?0) || cat c2$$
(exit
  $?0) || exec sh $0 $argv:q
rm -f c1$$ c2$$

if test -f /dev/cputype -a -f /dev/drivers -a -f /dev/osversion; then
  cat <<EOF
  ***
  *** I'm sorry but this system looks like Plan 9 and Plan 9 doesn't do
  *** Configure that well. (Plan 9 is close to UNIX but not close enough.)
  *** Please read the README.plan9 for further instructions.
  *** Cannot continue, aborting.
  ***
  EOF
  exit 1
fi

if test -f /sys/utilities/MultiView ; then
  # AmigaOS, test -c for /dev/null is not useful
  :
elif test ! -c /dev/null ; then
  cat <<EOF
  ***
  *** I'm sorry, but /dev/null appears to be a file rather than a device.
  *** Please consult your operating system's notes for making a device
  *** in /dev.
  *** Cannot continue, aborting.
  ***
  EOF
  exit 1
fi

: compute my invocation name
me=$0
case "$0" in
  */*)
    me=`echo $0 | sed -e 's!.*^\(.*\)!\1!' 2>/dev/null`
    test "$me" || me=$0
  ;;
esac

?X:
?X: To be able to run under OS/2, we must detect that early enough to use
?X: the proper path separator, stored in $p_. It is : on
  UNIX and ; on
?X: DOS-ish systems such as OS/2.
?X:

```

: Proper separator for the PATH environment variable

p_=:

: On OS/2 this directory should exist if this is not floppy only system ":-]"
if test -d c:/; || (uname -a | grep -i 'os\(\|\)\2' 2>&1) 2>&1 >/dev/null ; then
if test -n "\$OS2_SHELL"; then

p_=\;

PATH=`cmd /c "echo %PATH%" | tr '\\\|' /`

?X: That's a bug in ksh5.22

OS2_SHELL=`cmd /c "echo %OS2_SHELL%" | tr '\\\|' / | tr '[A-Z]' '[a-z]`

is_os2=yes

elif test -n "\$DJGPP"; then

case "X\${MACHTYPE:-nonesuchmach}" in

*cygwin|*msys) ;;

*) p_=\; ;;

esac

fi

fi

?X:

?X: There are two schools of thoughts here. Some people correctly argue that

?X: the user has a better chance than we do of setting a reasonable PATH and

?X: others argue that Configure is the best place there is to set up a suitable

?X: PATH. Well, here we try to compromise by keeping the user's PATH and

?X: appending some directories which are known to work on some machine or the

?X: other. The rationale

behind this being that a novice user might not have a

?X: proper environment variable set, and some directories like /etc (where

?X: chown is located on some BSD systems) may be missing--RAM.

?X:

?X: SVR4 adds an /opt directory for optional packages. Some sites use

?X: various permutations on /opt as opposed to /usr or /usr/local.-- ADO

?X:

?X: We only add directories that are not already in the PATH of the

?X: user and the directories must exist also.

?X:

?X: 20040627, Merijn, HP-UX's ANSI compiler is in /opt/ansic/bin if present

?X: and should be before /usr/ccs/bin, where the braindead bundled compiler

?X: can be found. The /usr/ccs/bin compiler cannot be used to build perl.

?X:

: Proper PATH setting

paths="/bin /usr/bin /usr/local/bin /usr/ucb /usr/local /usr/sbin"

paths="\$paths /opt/bin /opt/local/bin /opt/local /opt/sbin"

paths="\$paths /usr/5bin /etc /usr/gnu/bin /usr/new /usr/new/bin /usr/nbin"

paths="\$paths /opt/gnu/bin /opt/new /opt/new/bin /opt/nbin"

paths="\$paths /sys5.3/bin

/sys5.3/usr/bin /bsd4.3/bin /bsd4.3/usr/ucb"

paths="\$paths /bsd4.3/usr/bin /usr/bsd /bsd43/bin /opt/ansic/bin /usr/ccs/bin"

paths="\$paths /etc /usr/lib /usr/ucblib /lib /usr/ccs/lib"

```
paths="$paths /sbin /usr/sbin /usr/libexec"
```

```
paths="$paths /system/gnu_library/bin"
```

```
for p in $paths
```

```
do
```

```
case "$p_${PATH}$p_" in
```

```
*$p_${p}$p_*) ;;
```

```
*) test -d $p && PATH=${PATH}$p_${p} ;;
```

```
esac
```

```
done
```

```
PATH=.$p_${PATH}
```

```
export PATH
```

```
: shall we be using ksh?
```

```
inksh=""
```

```
needksh=""
```

```
avoidksh=""
```

```
newsh=/bin/ksh
```

```
changesh=""
```

```
?X: Use (alias -x) and not (alias) since zsh and bash recognize the alias
```

```
?X: builtin but not the -x option which is typically ksh...
```

```
?X: We need to set up PATH before calling the "alias" built-in since some
```

```
?X: systems like HP-UX have a binary called /bin/alias.
```

```
if (PATH=.; alias -x) >/dev/null 2>&1; then
```

```
inksh=true
```

```
fi
```

```
?X: On HP-UX, large Configure scripts may exercise a bug in /bin/sh, use ksh
```

```
if test -f /hp-ux -a -f /bin/ksh; then
```

```
needksh='to avoid sh bug in "here document" expansion'
```

```
fi
```

```
?X: On
```

```
AIX4, /bin/sh is really ksh and it causes problems, use sh
```

```
if test -d /usr/lpp -a -f /usr/bin/bsh -a -f /usr/bin/uname; then
```

```
if test X`/usr/bin/uname -v` = X4; then
```

```
avoidksh="to avoid AIX 4's /bin/sh"
```

```
newsh=/usr/bin/bsh
```

```
fi
```

```
fi
```

```
?X: On Digital UNIX, /bin/sh may start up buggy /bin/ksh, use sh
```

```
if test -f /osf_boot -a -f /usr/sbin/setld; then
```

```
if test X`/usr/bin/uname -s` = XOSF1; then
```

```
avoidksh="to avoid Digital UNIX' ksh"
```

```
newsh=/bin/sh
```

```
?X: if BIN_SH is set to 'xpg4', sh will start up ksh
```

```
unset BIN_SH
```

```
fi
```

```
fi
```

```

?X: If we are not in ksh and need it, then feed us back to it
case "$inksh/$needksh" in
/[a-z]*)
?X: Clear ENV to avoid any ~/.kshrc that could alias cd or whatever...
?X: Don't use "unset ENV", that is not portable enough
ENV=""
changesh=true
reason="$needksh"
;;
esac
?X: If we are in ksh and must avoid it, then feed us back to a new shell
case "$inksh/$avoidksh" in
true/[a-z]*)
changesh=true
reason="$avoidksh"
;;
esac
?X: Warn them if they use ksh on other systems,
which are those where
?X: we don't need ksh nor want to avoid it explicitly, yet are using it.
case "$inksh/$needksh-$avoidksh-" in
true/--)
cat <<EOM
(I see you are using the Korn shell. Some ksh's blow up on $me,
mainly on older exotic systems. If yours does, try the Bourne shell instead.)
EOM
;;
esac
case "$changesh" in
true)
export newsh
echo "(Feeding myself to $newsh $reason.)"
?X: Make sure they didn't say sh <Configure by checking whether $0 ends
?X: with Configure or not. If they did say sh <../Configure, then too
?X: bad for them anyway, since we lost that path indication...
?X: Otherwise, execing $0 ensures we keep the full remote source dir
?X: indication for src.U.
case "$0" in
Configure|*/Configure) exec $newsh $0 "$@";;
*) exec $newsh Configure "$@";;
esac
;;
esac
?X: 2004.06.09 rac
?X: having $newsh persist as ksh here is bad news if ksh doesn't really
?X: exist. this causes us to toss away a perfectly good working test in
?X: bash in favor of more exotic

```

external options. see bug 42665.

```
test -x "${newsh}" || unset newsh
```

?X: Unset CDPATH to avoid surprises when using cd under some shells

?X: Can't unset it because that's not portable to very old shells.

?X: Can't set it to " because then bash 2.02 won't do "cd UU" --AD 6/98.

?X: Don't want to set it to '!' because then ksh prints out the

?X: name of the directory every time you cd to it. --AD 6/98

?X: In order to inflict the least harm, change it only if it's set.

: if needed, set CDPATH to a harmless value that is not chatty

: avoid bash 2.02 problems with empty CDPATH.

```
case "$CDPATH" in
```

```
) ;;
```

```
*) case "$SHELL" in
```

```
*bash*) CDPATH='!' ;;
```

```
*) CDPATH="" ;;
```

```
esac
```

```
;;
```

```
esac
```

: Configure runs within the UU subdirectory

```
test -d UU || mkdir UU
```

?X: Use ./* to avoid any confirmation prompts from enhanced shells -- WED

```
cd UU && rm -f ./*
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Head.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vendorlib.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1999, Andy Dougherty

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: vendorlib.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?MAKE:d_vendorlib vendorlib vendorlibexp installvendorlib vendorlib_stem: \

Getfile Setprefixvar Oldconfig Prefixit package vendorprefix sed \

installstyle version

?MAKE: -pick add \$@ %<

?Y:TOP

?S:vendorlib:

?S: This variable contains the eventual value of the VENDORLIB symbol,

?S: which is the name of the private library for this package.

?S: The standard

distribution will put nothing in this directory.

?S: Vendors who distribute perl may wish to place their own

?S: modules in this directory with

?S: MakeMaker Makefile.PL INSTALLDIRS=vendor

?S: or equivalent. See INSTALL for details.

?S:.

?S:vendorlibexp:

?S: This variable is the ~name expanded version of vendorlib, so that you

?S: may use it directly in Makefiles or shell scripts.

?S:.

?D:installvendorlib="

?S:installvendorlib:

?S: This variable is really the same as vendorlibexp but may differ on

?S: those systems using AFS. For extra portability, only this variable

?S: should be used in makefiles.

?S:.

?S:d_vendorlib:

?S: This variable conditionally defines PERL_VENDORLIB.

?S:.

?S:vendorlib_stem:

?S: This variable is \$vendorlibexp with any trailing version-specific component

?S: removed. The elements in inc_version_list (inc_version_list.U) can

?S: be tacked onto this variable to generate a list of directories to search.

?S:.

?C:PERL_VENDORLIB:

?C: If defined, this symbol contains

the name of a private library.

?C: The library is private in the sense that it needn't be in anyone's

?C: execution path, but it should be accessible by the world. The program

?C: should be prepared to do ~ expansion.

?C: The standard distribution will put nothing in this directory.

?C: Vendors who distribute perl may wish to place their own

?C: modules in this directory with

?C: MakeMaker Makefile.PL INSTALLDIRS=vendor

?C: or equivalent. See INSTALL for details.

?C:.

?C:PERL_VENDORLIB_EXP:

?C: This symbol contains the ~name expanded version of VENDORLIB, to be used

?C: in programs that are not prepared to deal with ~ expansion at run-time.

?C:.

?C:PERL_VENDORLIB_STEM:

?C: This define is PERL_VENDORLIB_EXP with any trailing version-specific component

?C: removed. The elements in inc_version_list (inc_version_list.U) can

?C: be tacked onto this variable to generate a list of directories to search.

?C:.

?H:#\$d_vendorlib PERL_VENDORLIB "\$vendorlib" /**/

?H:#\$d_vendorlib PERL_VENDORLIB_EXP

"\$vendorlibexp" /**/

?H:#\$d_vendorlib PERL_VENDORLIB_STEM "\$vendorlib_stem" /**/

?H:.

?T:prog

?LINT:change prefixvar

?LINT:set installvendorlib

: Set the vendorlib variables

case "\$vendorprefix" in

) d_vendorlib="\$undef"

vendorlib="

vendorlibexp="

;;

*) d_vendorlib="\$define"

: determine where vendor-supplied modules go.

: Usual default is /usr/local/lib/perl5/vendor_perl/\$version

case "\$vendorlib" in

)

?X: remove any trailing -3.0 or other version identification

prog=`echo \$package | \$sed 's/-*[0-9.]*\$/^`

case "\$installstyle" in

lib/perl5) dflt=\$vendorprefix/lib/\$package/vendor_/\$prog/\$version ;;

*) dflt=\$vendorprefix/lib/vendor_/\$prog/\$version ;;

esac

;;

*) dflt="\$vendorlib"

;;

esac

fn=d~+

rp='Pathname for the vendor-supplied library files?'

./getfile

vendorlib="\$ans"

vendorlibexp="\$ansexp"

;;

esac

vendorlib_stem=`echo "\$vendorlibexp" | sed "s,/,\$version\$,,"`

prefixvar=vendorlib

./installprefix

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorlib.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: baserev.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: baserev.U,v \$
?RCS: Revision 3.0 1993/08/18 12:05:24 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:baserev: Null
?MAKE: -pick wipe \$@ %<
?S:baserev:
?S: The base revision level of this package, from the .package file.
?S:.
: set the base revision
baserev=<BASEREV>

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/baserev.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: libyacc.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: libyacc.U,v \$
?RCS: Revision 3.0.1.4 1997/02/28 16:09:19 ram
?RCS: patch61: replaced .a with \$_a all over the place
?RCS:
?RCS: Revision 3.0.1.3 1994/05/13 15:27:12 ram
?RCS: patch27: added yacc case (ADO)
?RCS:
?RCS: Revision 3.0.1.2 1994/05/06 15:09:01 ram
?RCS: patch23: now uses full library path instead of -l notation
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:13:49 ram
?RCS: patch16: un-obsoleteed this unit for smooth yacc compilations


```

?RCS:
?RCS:
Revision 3.0 1993/08/18 12:09:04 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libyacc: Loc yacc libpth _a
?MAKE: -pick add $@ %<
?S:libyacc:
?S: This variable contains the argument to pass to the loader in order
?S: to get the yacc library routines. If there is no yacc or yacc
?S: library, it is null.
?S:.
?T:xxx
: see if we should include -ly
echo " "
case "$yacc" in
*byacc*)
echo "You are using byacc, so I won't look for a yacc library." >&4
libyacc="
;;
*yacc)
xxx=`./loc liby$_a x $libpth`
case "$xxx" in
x)
echo "No yacc library found." >&4
libyacc="
;;
*)
echo "yacc library found in $xxx." >&4
libyacc="$xxx"
;;
esac
;;
*bison*)
echo "You are using bison, so I won't look for a yacc library." >&4
libyacc="
;;
*)
echo "You don't seem to have yacc, so I won't look for the yacc library." >&4
libyacc="
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libyacc.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cf_email.U,v $
?RCS: Revision 3.0.1.1 1994/01/24 14:05:06 ram
?RCS: patch16: created
?RCS:
?RCS:
?MAKE:cf_email: cat cf_by test myhostname mydomain Oldconfig Myread
?MAKE: -pick add $@ %<
?S:cf_email:
?S: Electronic mail address of the person who ran Configure. This can be
?S: used by units that require the user's e-mail, like MailList.U.
?S:.
?T:cont maildomain
?LINT:extern MAILDOMAIN
: determine the e-mail address of the user who is running us
$cat <<EOM

```

I need to get your e-mail address
in Internet format if possible, i.e.
something like user@host.domain. Please answer accurately since I have
no easy means to double check it. The default value provided below
is most probably close to reality but may not be valid from outside
your organization...

```

EOM
cont=x
while test "$cont"; do
case "$MAILDOMAIN" in
")
if $test -s /etc/mailname; then
maildomain=`$cat /etc/mailname`
else
maildomain="$myhostname$mydomain"
fi
;;
*) maildomain="$MAILDOMAIN";;
esac
case "$cf_email" in
") dflt="$cf_by@$maildomain";;

```

```

*) dflt="$cf_email";
esac
rp='What is your e-mail address?'
. ./myread
cf_email="$ans"
case "$cf_email" in
* @* .*) cont=" ;;
*)
rp='Address does not look like an Internet one. Use it anyway?'
case "$fastread" in
yes) dflt=y ;;
*) dflt=n ;;
esac
. ./myread
case "$ans" in
y*) cont=" ;;
*) echo " " ;;
esac
;;
esac
done

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cf_email.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_strerror_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_strerror_r strerror_r_proto: Inlibc Protochk Hasproto i_systypes \
usethreads extern_C

?MAKE: -pick add \$@ %<

?S:d_strerror_r:

?S: This variable conditionally defines the HAS_STRError_R symbol,

?S: which indicates to the C program that the strerror_r()

?S: routine is available.

?S:.

?S:stderr_r_proto:

?S: This variable encodes the prototype of strerror_r.

?S: It is zero if d_strerror_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_strerror_r

?S: is defined.

```

?S:.
?C:HAS_STRERROR_R:
?C: This symbol, if defined, indicates that the strerror_r routine
?C: is available to strerror
re-entrantly.
?C:.
?C:STRERROR_R_PROTO:
?C: This symbol encodes the prototype of strerror_r.
?C: It is zero if d_strerror_r is undef, and one of the
?C: REentrant_PROTO_T_ABC macros of reentr.h if d_strerror_r
?C: is defined.
?C:.
?H:#$d_strerror_r HAS_STRERROR_R /**/
?H:#define STRERROR_R_PROTO $strerror_r_proto /**/
?H:.
?T:try hdrs d_strerror_r_proto
: see if strerror_r exists
set strerror_r d_strerror_r
eval $inlibc
case "$d_strerror_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h define string.h"
case "$d_strerror_r_proto:$usetthreads" in
":define") d_strerror_r_proto=define
set d_strerror_r_proto strerror_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_strerror_r_proto" in
define)
case "$strerror_r_proto" in
"|0) try='int strerror_r(int, char*, size_t);'
./protochk "$extern_C $try" $hdrs && strerror_r_proto=I_IBW ;;
esac
case "$strerror_r_proto" in
"|0) try='int strerror_r(int, char*, int);'
./protochk "$extern_C $try" $hdrs && strerror_r_proto=I_IBI
;;
esac
case "$strerror_r_proto" in
"|0) try='char* strerror_r(int, char*, size_t);'
./protochk "$extern_C $try" $hdrs && strerror_r_proto=B_IBW ;;
esac
case "$strerror_r_proto" in
"|0) d_strerror_r=undef
strerror_r_proto=0
echo "Disabling strerror_r, cannot determine prototype." >&4 ;;
* ) case "$strerror_r_proto" in

```

```

REENTRANT_PROTO*) ;;
*) strerror_r_proto="REENTRANT_PROTO_${strerror_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "strerror_r has no prototype, not using it." >&4 ;;
esac
d_strerror_r=undef
strerror_r_proto=0
;;
esac
;;
*) strerror_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_strerror_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_atoll: Inlibc

?MAKE: -pick add \$@ %<

?S:d_atoll:

?S: This variable conditionally defines the HAS_ATOLL symbol, which

?S: indicates to the C program that the atoll() routine is available.

?S:.

?C:HAS_ATOLL:

?C: This symbol, if defined, indicates that the atoll routine is

?C: available to convert strings into long longs.

?C:.

?H:#\$d_atoll HAS_ATOLL /**/

?H:.

?LINT:set d_atoll

: see if atoll exists

set atoll d_atoll

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/atoll.U

No license file was found, but licenses were detected in source scan.

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS:

?MAKE:i_stdint: Inhdr

?MAKE: -pick add \$@ %<

?S:i_stdint:

?S: This variable conditionally defines the I_STDINT symbol, which

?S: indicates to the C program that <stdint.h> exists and should

?S: be included.

?S:.

?C:I_STDINT:

?C: This symbol, if defined, indicates that <stdint.h> exists and

?C: should be included.

?C:.

?H:#\$i_stdint I_STDINT /**/

?H:.

?LINT:set i_stdint

: see if stdint is available

set stdint.h i_stdint

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_stdint.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: libc.U,v \$

?RCS: Revision 3.0.1.10 1997/02/28 15:56:48 ram

?RCS: patch61: replaced .a with \$_a all over the place

?RCS: patch61: added support for HPUX-10 nm output

?RCS:

?RCS: Revision 3.0.1.9 1995/07/25 14:11:56 ram

?RCS: patch56: now knows about OS/2 platforms

?RCS:

?RCS: Revision 3.0.1.8 1995/05/12 12:20:47 ram

?RCS: patch54: made sure only most recent version of shared lib is picked

?RCS: patch54: final "nm -p" check now uses xscan and xrun like everybody

?RCS: patch54: can now grok
linux nm output with lead __IO (ADO)

?RCS: patch54: added support for linux ELF output, using 'W' for alias (ADO)

?RCS:

?RCS: Revision 3.0.1.7 1994/10/29 16:23:40 ram

?RCS: patch36: now looks for shared libraries before anything else (ADO)

?RCS: patch36: added new nm output format (ADO)

?RCS:

?RCS: Revision 3.0.1.6 1994/08/29 16:28:10 ram

?RCS: patch32: added I-type symbols for nm output parsing on Linux

?RCS:

?RCS: Revision 3.0.1.5 1994/06/20 07:03:24 ram

?RCS: patch30: checks are now presented by succession of if/elif

?RCS: patch30: uniformized checks for shared objects with new so symbol

?RCS:

?RCS: Revision 3.0.1.4 1994/05/06 15:06:33 ram

?RCS: patch23: added shared library knowledge (ADO and WED)

?RCS:

?RCS: Revision 3.0.1.3 1994/01/24 14:12:17 ram

?RCS: patch16: can now export nm_extract as an internal-use only variable

?RCS:

?RCS: Revision 3.0.1.2 1993/09/13 16:09:03 ram

?RCS: patch10: added special handling for Apollo systems (WAD)

?RCS:

?RCS: Revision 3.0.1.1
1993/08/27 14:40:03 ram

?RCS: patch7: added entry for /usr/shlib/libc.so (OSF/1 machines)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:57 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:libc libnames +nm_extract: echo n c rm test grep Getfile Myread \
Oldconfig Loc sed libs incpath libpth ar runnm nm nm_opt nm_so_opt \
contains xlibpth so osname trnl tr sort uniq _o _a

?MAKE: -pick add \$@ %<

?S:libc:

?S: This variable contains the location of the C library.

?S:.

?S:libnames:

?S: The constructed list of library names. Normally empty, but hint files

?S: may set this for later perusal by Configure.

?S:.

?S:nm_extract:

?S: This variable holds the name of the extraction command used to process

?S: the output of nm and yield the list of defined symbols. It is used

```

?S: internally by Configure.
?S:.
?T:thislib try libnames xxx xscan xrun thisname com tans file
?F:!libnames !libc.tmp !tmp.imp
?LINT:change nm_opt runnm
?INIT:libnames=""
: Figure out where the libc is located
case
"$runnm" in
true)
?X: indentation is wrong on purpose--RAM
: get list of predefined functions in a handy place
echo " "
case "$libc" in
") libc=unknown
case "$libs" in
*-lc_s*) libc=`./loc libc_s$_a $libc $libpth`
esac
;;
esac
case "$libs" in
") ;;
*) for thislib in $libs; do
case "$thislib" in
-lc|-lc_s)
: Handle C library specially below.
;;
-l*)
thislib=`echo $thislib | $sed -e 's/^-l//`
if try=`./loc lib$thislib.$so.*' X $libpth`; $test -f "$try"; then
:
elif try=`./loc lib$thislib.$so X $libpth`; $test -f "$try"; then
:
elif try=`./loc lib$thislib$_a X $libpth`; $test -f "$try"; then
:
elif try=`./loc $thislib$_a X $libpth`; $test -f "$try"; then
:
elif try=`./loc lib$thislib X $libpth`; $test -f "$try"; then
:
elif try=`./loc $thislib X $libpth`; $test -f "$try"; then
:
elif try=`./loc $lib$thislib$_a X $libpth`; $test -f "$try"; then
:
else
try=""
fi
libnames="$libnames $try"
;;

```



```

*) libnames="$libnames $thislib"
;;
esac
done
;;
esac
?X:
?X: Some systems (e.g. DG/UX) use "environmental" links, which make the test
?X: -f fail. Ditto for symbolic links. So in order to reliably check the
?X: existence of a file, we use test -r. It will still fail with DG/UX links
?X: though, but at least it will detect symbolic links. At some strategic
?X: points, we make use of (test -h), using a sub-shell in case builtin test
?X: does not implement the -h check for symbolic links. This makes it
?X: possible to preset libc in a hint file for instance and have it show up
?X: as-is in the question.
?X:
xxx=normal
case "$libc" in
unknown)
?X:
?X: The sed below transforms .so.9 .so.12 into something like .so.0009 .so.0012,
?X: then sorts on it to allow keeping .so.12 instead of .so.9 as the latest
?X: up-to-date library. The initial filename (before sed munging, saved in hold
?X: space via 'h') is appended via 'G' before sorting, then the leading munged
?X: part is removed after sorting. Nice efficient work
?X: from Tye McQueen.
?X: The initial blurfl is here to prevent the trailing pipe from producing an
?X: empty string, causing Configure to output all its set variables!
?X:
set /lib/libc.$so
for xxx in $libpth; do
$test -r $1 || set $xxx/libc.$so
: The messy sed command sorts on library version numbers.
$test -r $1 || \
set `echo blurfl; echo $xxx/libc.$so.[0-9]* | \
tr ' ' $trnl | egrep -v \.[A-Za-z]*$' | $sed -e '
h
s/[0-9][0-9]*0000&/g
s/0*\([0-9][0-9][0-9][0-9]\)\^1/g
G
s/\n/ / | \
$sort | $sed -e 's/^\^* //'^
eval set `$$#
done
$test -r $1 || set /usr/ccs/lib/libc.$so
$test -r $1 || set /lib/libsys_s$_a
;;
*)

```

```

?X: ensure the test below for the (shared) C library will fail
set blurfl
;;
esac
if $test -r "$1"; then
    echo "Your (shared) C library seems to be in $1."
    libc="$1"
elif $test -r /lib/libc && $test -r /lib/clib; then
?X:
?X: Apollo has its C library in /lib/clib AND /lib/libc
?X: not to mention its math library in /lib/syslib...
?X:
    echo
    "Your C library seems to be in both /lib/clib and /lib/libc."
    xxx=apollo
    libc='/lib/clib /lib/libc'
    if $test -r /lib/syslib; then
        echo "(Your math library is in /lib/syslib.)"
?X: Put syslib in libc -- not quite right, but won't hurt
        libc="$libc /lib/syslib"
    fi
elif $test -r "$libc" || (test -h "$libc") >/dev/null 2>&1; then
    echo "Your C library seems to be in $libc, as you said before."
?X: For mips, and...
elif $test -r $incpath/usr/lib/libc$_a; then
    libc=$incpath/usr/lib/libc$_a;
    echo "Your C library seems to be in $libc. That's fine."
elif $test -r /lib/libc$_a; then
    libc=/lib/libc$_a;
    echo "Your C library seems to be in $libc. You're normal."
else
    if tans=`./loc libc$_a blurfl/dyick $libpth`; $test -r "$stans"; then
        :
    elif tans=`./loc libc blurfl/dyick $libpth`; $test -r "$stans"; then
        libnames="$libnames "`./loc clib blurfl/dyick $libpth`
    elif tans=`./loc clib blurfl/dyick $libpth`; $test -r "$stans"; then
        :
    elif tans=`./loc Slibc$_a blurfl/dyick
    $xlibpth`; $test -r "$stans"; then
        :
    elif tans=`./loc Mlibc$_a blurfl/dyick $xlibpth`; $test -r "$stans"; then
        :
    else
        tans=`./loc Llibc$_a blurfl/dyick $xlibpth`
    fi
    if $test -r "$stans"; then
        echo "Your C library seems to be in $stans, of all places."
        libc=$stans

```

```

else
  libc='blurfl'
fi
fi
if $test $xxx = apollo -o -r "$libc" || (test -h "$libc") >/dev/null 2>&1; then
  dflt="$libc"
cat <<EOM

```

If the guess above is wrong (which it might be if you're using a strange compiler, or your machine supports multiple models), you can override it here.

```

EOM
else
  dflt=""
echo $libpth | $tr ' ' $trnl | $sort | $uniq > libpath
cat >&4 <<EOM

```

I can't seem to find your C library. I've looked in the following places:

```

EOM
$sed 's/^/ /' libpath
cat <<EOM

```

None of these seems to contain your C library. I need to get its name...

```

EOM
fi
fn=f
rp='Where is your C library?'
./getfile
libc="$ans"

echo " "
echo $libc $libnames | $tr ' ' $trnl | $sort | $uniq > libnames
set X `cat libnames`
shift
xxx=files
case
  $# in 1) xxx=file; esac
echo "Extracting names from the following $xxx for later perusal:" >&4
echo " "
$sed 's/^/ /' libnames >&4
echo " "
$echo $n "This may take a while...$c" >&4

```

?X:

?X: Linux may need the special Dynamic option to nm for shared libraries.

?X: In general, this is stored in the nm_so_opt variable.

?X: Unfortunately, that option may be fatal on non-shared libraries.

```

?X:
for file in $*; do
case $file in
*$so*) $nm $nm_so_opt $nm_opt $file 2>/dev/null;;
*) $nm $nm_opt $file 2>/dev/null;;
esac
done >libc.tmp

$echo $n ".$c"
?X:
?X: To accelerate processing, we look at the correct 'sed' command
?X: by using a small subset of libc.tmp, i.e. fprintf function.
?X: When we know which sed command to use, do the name extraction
?X:
$grep fprintf libc.tmp > libc.ptf
?X:
?X: In order to enhance readability and save some space, we define
?X: some variables that will be "eval"ed.
?X:
xscan='eval "<libc.ptf $com >libc.list"; $echo $n ".$c" >&4'
xrun='eval
"<libc.tmp $com >libc.list"; echo "done." >&4'
?X: BSD-like output, I and W types added for Linux
?X: Some versions of Linux include a leading __IO in the symbol name.
?X: HPUX10 reportedly has trailing spaces, though I'm surprised it has
?X: BSD-like output. (AD).
xxx='[ADTSIW]'
if com="$sed -n -e 's/__IO//' -e 's/^. * $xxx *_[.]*//p' -e 's/^. * $xxx *///p';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
?X: SYSV-like output
elif com="$sed -n -e 's/^__*//' -e 's/^\([a-zA-Z_0-9]*\).*xtern.*\1/p'';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$sed -n -e '/|UNDEF/d' -e '/FUNC..GL/s/^. *|__*//p'';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$sed -n -e 's/^. * D __*//p' -e 's/^. * D //p'';\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$sed -n -e 's/^_/' -e 's/^\([a-zA-Z_0-9]*\).*xtern.*text.*\1/p'';\
eval
$xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then

```



```

nm_opt='-p'
eval $xrun
else
echo " "
echo "$nm didn't seem to work right. Trying $ar instead..." >&4
com=""
if $ar t $libc > libc.tmp && \
  $contains '^fprintf$' libc.tmp >/dev/null 2>&1
then
  for thisname in $libnames $libc; do
    $ar t $thisname >>libc.tmp
  done
  $sed
-e "s/\$_o\$//" < libc.tmp > libc.list
  echo "Ok." >&4
  elif test "X$osname" = "Xos2" && $ar tv $libc > libc.tmp; then
?X: Repeat libc to extract forwarders to DLL entries too
  for thisname in $libnames $libc; do
    $ar tv $thisname >>libc.tmp
?X: Revision 50 of EMX has bug in ar: it will not extract forwarders
?X: to DLL entries. Use emximp which will extract exactly them.
    emximp -o tmp.imp $thisname \
      2>/dev/null && \
      $sed -e 's/\([_a-zA-Z0-9]*\) .*$/1/p' \
      < tmp.imp >>libc.tmp
    $rm -f tmp.imp
  done
  $sed -e "s/\$_o\$//" -e 's/^ \+/' < libc.tmp > libc.list
  echo "Ok." >&4
else
echo "$ar didn't seem to work right." >&4
echo "Maybe this is a Cray...trying bld instead..." >&4
if
  bld t $libc | \
  $sed -e 's/*\///' -e "s/\$_o:.*\$//" > libc.list &&
  $test -s libc.list
then
  for thisname in $libnames; do
    bld t $libnames | \
    $sed -e 's/*\///' -e "s/\$_o:.*\$//" >>libc.list
    $ar t $thisname >>libc.tmp
  done
  echo
"Ok." >&4
else
echo "That didn't work either." >&4
echo "No problem, I'll be compiling test programs then..." >&4
runnm=false

```

```

fi
fi
fi
fi
nm_extract="$com"
if $test -f /lib/syscalls.exp; then
echo " "
echo "Also extracting names from /lib/syscalls.exp for good ole AIX..." >&4
$sed -n 's/^\([^ ]*\)[ ]*syscall[0-9]*[ ]*$/\1/p' \
/lib/syscalls.exp >>libc.list
fi
?X: remember, indentation is wrong on purpose--RAM
;;
esac
$rm -f libnames libpath

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libc.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getprotobynumber_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_getprotobynumber_r getprotobynumber_r_proto: Inlibc Protochk \
Hasproto i_systypes usethreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_getprotobynumber_r:

?S: This variable conditionally defines the HAS_GETPROTOBYNUMBER_R symbol,

?S: which indicates to the C program that the getprotobynumber_r()

?S: routine is available.

?S:.

?S:getprotobynumber_r_proto:

?S: This variable encodes the prototype of getprotobynumber_r.

?S: It is zero if d_getprotobynumber_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotobynumber_r

?S: is defined.

?S:.

?C:HAS_GETPROTOBYNUMBER_R:

?C: This

symbol, if defined, indicates that the getprotobynumber_r routine

?C: is available to getprotobynumber re-entrantly.

?C:.

```

?C:GETPROTOBYNUMBER_R_PROTO:
?C: This symbol encodes the prototype of getprotobynumber_r.
?C: It is zero if d_getprotobynumber_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotobynumber_r
?C: is defined.
?C:.
?H:#$d_getprotobynumber_r HAS_GETPROTOBYNUMBER_R /**/
?H:#define GETPROTOBYNUMBER_R_PROTO $getprotobynumber_r_proto /**/
?H:.
?T:try hdrs d_getprotobynumber_r_proto
: see if getprotobynumber_r exists
set getprotobynumber_r d_getprotobynumber_r
eval $inlibc
case "$d_getprotobynumber_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getprotobynumber_r_proto:$usetreads" in
":define") d_getprotobynumber_r_proto=define
set d_getprotobynumber_r_proto getprotobynumber_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getprotobynumber_r_proto" in
define)
case "$getprotobynumber_r_proto"
in
"|0) try='int getprotobynumber_r(int, struct protoent*, char*, size_t, struct protoent**);'
./protochk "$extern_C $try" $hdrs && getprotobynumber_r_proto=I_ISBWR ;;
esac
case "$getprotobynumber_r_proto" in
"|0) try='struct protoent* getprotobynumber_r(int, struct protoent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getprotobynumber_r_proto=S_ISBI ;;
esac
case "$getprotobynumber_r_proto" in
"|0) try='int getprotobynumber_r(int, struct protoent*, struct protoent_data*);'
./protochk "$extern_C $try" $hdrs && getprotobynumber_r_proto=I_ISD ;;
esac
case "$getprotobynumber_r_proto" in
"|0) d_getprotobynumber_r=undef
getprotobynumber_r_proto=0
echo "Disabling getprotobynumber_r, cannot determine prototype." >&4 ;;
* ) case "$getprotobynumber_r_proto" in
REENTRANT_PROTO*) ;;
*) getprotobynumber_r_proto="REENTRANT_PROTO_$getprotobynumber_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;

```



```

*) case "$susetheads" in
define) echo "getprotobynumber_r
has no prototype, not using it." >&4 ;;
esac
d_getprotobynumber_r=undef
getprotobynumber_r_proto=0
;;
esac
;;
*) getprotobynumber_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getprotobynumber_r.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_gethname.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:13:00 ram

?RCS: patch36: call ./xenix explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:11 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_gethname d_uname d_phostname aphostname: phostname cat \

myhostname package d_portable Loc echo n c +i_whoami +usrinc \

Myread Guess Oldconfig Csym

?MAKE: -pick add \$@ %<

?S:d_gethname:

?S: This variable conditionally defines the HAS_GETHOSTNAME symbol, which

?S: indicates to the C program that the gethostname() routine may be

?S: used to derive the host name.

?S:.

?S:d_uname:

?S: This variable conditionally defines the HAS_UNAME symbol, which

?S: indicates to the C program that the uname() routine may be

?S: used to derive the host name.

?S:.

?S:d_phostname:

?S: This variable conditionally defines the PHOSTNAME symbol, which

?S: contains the shell command which, when fed to popen(), may be

?S: used to derive the host name.

?S:.

?S:aphostname:

?S: This variable contains the command which can be used to compute the

?S: host name. The command is fully qualified by its absolute path, to make

?S: it safe when used by a process with super-user privileges.

?S:.

?C:HAS_GETHOSTNAME (GETHOSTNAME):

?C: This symbol, if defined, indicates that the C program may use the

?C: gethostname() routine to derive the host name. See also HAS_UNAME

?C: and PHOSTNAME.

?C:.

?C:HAS_UNAME (UNAME):

?C: This symbol, if defined, indicates that the C program may

use the

?C: uname() routine to derive the host name. See also HAS_GETHOSTNAME

?C: and PHOSTNAME.

?C:.

?C:PHOSTNAME:

?C: This symbol, if defined, indicates that the C program may use the

?C: contents of PHOSTNAME as a command to feed to the popen() routine

?C: to derive the host name. See also HAS_GETHOSTNAME and HAS_UNAME.

?C: Note that the command uses a fully qualified path, so that it is safe

?C: even if used by a process with super-user privileges.

?C:.

?H:#\$d_gethname HAS_GETHOSTNAME /**/
?H:#\$d_uname HAS_UNAME /**/
?H:#\$d_phostname PHOSTNAME "\$aphostname" /* How to get the host name */
?H:.

?T:file val call

?LINT:change i_whoami

: see how we will look up host name

echo " "

if false; then

 : dummy stub to allow use of elif

@if HAS_GETHOSTNAME

elif set gethostname val -f d_gethname; eval \$csym; \$val; then

echo 'gethostname() found.' >&4

 d_gethname="\$define"

 call=gethostname

@end

@if HAS_UNAME

elif set uname val -f d_uname; eval \$csym; \$val; then

```
if ./xenix; then
  $cat <<'EOM'
uname()
was found, but you're running xenix, and older versions of xenix
have a broken uname(). If you don't really know whether your xenix is old
enough to have a broken system call, use the default answer.
```

EOM

```
dflt=y
case "$d_uname" in
"$define") dflt=n;;
esac
rp='Is your uname() broken?'
. ./myread
case "$ans" in
n*) d_uname="$define"; call=uname;;
esac
else
echo 'uname() found.' >&4
d_uname="$define"
call=uname
fi
@end
fi
case "$d_gethname" in
") d_gethname="$undef";;
esac
case "$d_uname" in
") d_uname="$undef";;
esac
@if PHOSTNAME || MYHOSTNAME
case "$d_uname$d_gethname" in
*define*)
dflt=n
cat <<EOM
```

Every now and then someone has a \$call() that lies about the hostname but can't be fixed for political or economic reasons. If you wish, I can

```
@if MYHOSTNAME && PHOSTNAME
```

pretend \$call() isn't there and maybe compile in the hostname or compute it from the '\$phostname' command at run-time.

```
@elsif MYHOSTNAME
```

pretend \$call() isn't there and maybe compile in the hostname.

```
@elsif PHOSTNAME
```

pretend \$call() isn't there and maybe compute hostname at run-time thanks to the '\$phostname' command.

```
@elsif WHOAMI
```

get the hostname from whomai.h (provided you have one).

```
@else
```

simply ignore your host name and use something like "noname" instead.

```
@end
```

```
EOM
```

```
rp="Shall I ignore $call() from now on?"
```

```
. ./myread
```

```
case "$ans" in
```

```
y*) d_undef="$undef" d_gethname="$undef"; $echo $n "Okay...$c";;
```

```
esac;;
```

```
esac
```

```
@end
```

```
@if PHOSTNAME || aphostname
```

```
?X: Compute the full path name for the command
```

```
case "$phostname" in
```

```
") aphostname="";;
```

```
*) case "$aphostname" in
```

```
/*) ;;
```

```
*) set X $phostname
```

```
shift
```

```
file=$1
```

```
shift
```

```
file=`./loc $file $file $pth`
```

```
aphostname=`echo $file $*`
```

```
::
```

```
esac
```

```
::
```

```
esac
```

```
@end
```

```
@if PHOSTNAME && MYHOSTNAME
```

```
case "$d_undef$d_gethname" in
```

```
*define*);;
```

```
*)
```

```
case "$phostname" in
```

```
") ;;
```

```
*)
```

```
$cat <<EOT
```

There is no gethostname() or uname() on this system. You have two possibilities at this point:

- 1) You can have your host name (\$myhostname) compiled into \$package, which lets \$package start up faster, but makes your binaries non-portable, or
- 2) you can have \$package use a

```
popen("$aphostname","r")
```

which will start slower but be more portable.

```
@ if WHOAMI
```

Option 1 will give you the option of using whoami.h if you have one.

```
@ end
```

If you want option 2 but with a different command, you can edit config.sh at the end of this shell script.

```
EOT
```

```
case "$d_phostname" in
"$define") dflt=n;;
"$undef") dflt=y;;
")
case "$d_portable" in
"$define") dflt=n ;;
*) dflt=y ;;
esac;;
esac
rp="Do you want your host name compiled in?"
./myread
case "$ans" in
n*) d_phostname="$define" ;;
*) aphostname=""; d_phostname="$undef";;
esac;;
esac
case "$aphostname" in
")
@ if WHOAMI
case "$i_whoami" in
"$define")
dflt=y
$cat <<EOM
```

No hostname function--you can either use the whoami.h file, which has this line:

```
`grep sysname $usrinc/whoami.h`
```

or you can have the name we came up with earlier
(\$myhostname) hardwired in.

```
EOM
```

```
rp="Use whoami.h to get hostname?"
./myread
case "$ans" in
n*) i_whoami="$undef";;
esac
;;
"$undef")
```

```

$cat <<EOM
No hostname function and no whoami.h -- hardwiring "$myhostname".
EOM
;;
esac;;
@ else
echo 'No hostname function -- hardwiring "'$myhostname'"! '>&4;;
@ end
esac;;
esac
@elsif PHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
case "$phostname" in
")
@ if WHOAMI
case "$i_whoami" in
"$define")
$cat <<EOM

```

No hostname function--we'll use the whoami.h file, which has this line:

```
`grep sysname $usrinc/whoami.h`
```

```

EOM
;;
*) echo "There will be no way for $package to get your hostname." >&4;;
esac;;
@ else
echo "There will be no way for $package to get your hostname." >&4;;
@ end
*)
echo "I'll use 'popen('"'$aphostname"', "r")' to get your hostname." >&4
;;
esac;;
esac
@elsif MYHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
@ if WHOAMI
case "$i_whoami" in
"$define")
dflt=y
$cat
<<EOM

```

No hostname function--you can either use the whoami.h file, which has this line:

```
`grep sysname $usrinc/whoami.h`
```

or you can have the name we came up with earlier (\$myhostname) hardwired in.

EOM

```
rp="Use whoami.h to get hostname?"
./myread
case "$ans" in
n*) i_whoami="$undef";;
esac
;;
"$undef")
echo 'No whoami.h--hardwiring "$myhostname".' >&4;;
esac;;
@ else
echo 'Hardwiring "$myhostname".' >&4;;
@ end
esac
@end
case "$d_phostname" in
") d_phostname="$undef";;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gethname.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_strdup.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_strdup.U,v \$

?RCS: Revision 3.0.1.1 1993/12/15 08:21:41 ram

?RCS: patch15: created

?RCS:

?MAKE:d_strdup: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strdup:

?S: This variable conditionally defines HAS_STRDUP if strdup() is

?S: available to duplicate strings in memory.

?S:
?C:HAS_STRDUP:
?C: This symbol, if defined, indicates that the strdup routine is
?C: available to duplicate strings in memory. Otherwise, roll up
?C: your own...
?C:.
?H:#\$d_strdup HAS_STRDUP /**/
?H:.
?LINT:set
d_strdup
: see if strdup exists
set strdup d_strdup
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strdup.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Config_sh.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: Config_sh.U,v \$
?RCS: Revision 3.0.1.3 1997/02/28 14:57:53 ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.2 1995/01/11 14:53:31 ram
?RCS: patch45: moved path stripping from d_portable.U to end of Configure
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 15:50:37 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:48 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X:
This unit ends up producing the config.sh script, which contains all the
?X: definitions figured out by Configure. The add.Config_sh command knows
?X: which variables need to be remembered. It also adds the EOT (ends the
?X: here document redirection with variable substitution).


```

?X:
?MAKE:Config_sh: cf_time cf_by test spitshell startsh myuname Myread \
End Obsol_sh Loc +d_portable package src cat
?MAKE: -pick add.Config_sh $@ %<
?MAKE: -pick add $@ ./Obsol_sh
?MAKE: -pick close.Config_sh $@ %<
?F:!config.over !config.arch
?T:file temp
?LINT:unclosed EOT
: back to where it started
if test -d ../UU; then
  cd ..
fi

```

```

: configuration may be unconditionally patched via a 'config.arch' file
if $test -f config.arch; then
  echo "I see a config.arch file, loading it." >&4
  . ./config.arch
fi

```

```

: configuration may be patched via a 'config.over' file
if $test -f config.over; then
  echo " "
  dflt=y
  rp='I see a config.over file. Do you wish to load it?'
  . UU/myread
  case "$ans" in
  n*) echo
"OK, I'll ignore it.";;
*) . ./config.over
  echo "Configuration override changes have been loaded."
  ;;
  esac
fi

```

```

@if d_portable
: in case they want portability, strip down executable paths
?X:
?X: Strip down paths in located executables. For each file, e.g. vi, there
?X: is a $vi variable whose value is for instance '/usr/bin/vi'. By resetting
?X: $vi to 'vi', we rely on the PATH variable to locate the executable...
?X:
case "$d_portable" in
"$define")
  echo " "
  echo "Stripping down executable paths..." >&4
?X:
?X: Previously, we used to do eval $file="\$file" but in order

```

?X: to handle things like `sh Configure -Dmake=gmake`, we can't do
?X: that. What we *really* want is to strip away the absolute path
?X: and rely on the end user's `$PATH` to correctly find the executable.
?X: This method assumes there is a "basename" command available. If
?X: not, replace it with the following expr-based command:

```
?X: expr $temp : '.*^(.*)' \| $temp
```

?X: Since this preserves the actual
command name, we can now drop the

?X: OS/2 specific code.

?X: --Andy Dougherty August 1999

?X:

?X: On OS/2, a special `$ar` command not even named 'ar' is required,
?X: so we don't strip that name.

?X: Also, on DOS-ish systems, there might not be a `ln` command, but we

?X: might have `ln=cp`.

?X: However, we can't set `d_portable=undef` on such systems since

?X: Unix-ish tools don't have standard locations there. Thus we

?X: MUST rely on the user's `$PATH`.

?X: --Andy Dougherty 4/1998

?X:

```
for file in $loclist $trylist; do
    eval temp=\${$file}
    eval $file=`basename $temp`
done
;;
esac
```

@end

: create config.sh file

```
echo " "
```

```
echo "Creating config.sh..." >&4
```

```
$spitshell <<EOT >config.sh
```

```
$startsh
```

```
#
```

```
# This file was produced by running the Configure script. It holds all the
```

```
# definitions figured out by Configure. Should you modify one of these values,
```

```
# do not forget to propagate your changes by running "Configure -der". You may
```

```
# instead choose to run each of the .SH files by yourself, or "Configure
```

```
-S".
```

```
#
```

```
# Package name    : $package
```

```
# Source directory : $src
```

```
# Configuration time: $cf_time
```

```
# Configured by   : $cf_by
```

```
# Target system   : $myuname
```

```
EOT
```

?X: Command line options are saved by the Options.U unit in the
?X: temporary file UU/cmdline.opt
: Add in command line options if available
\$test -f UU/cmdline.opt && \$cat UU/cmdline.opt >> config.sh

\$spitshell <<EOT >>config.sh

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Config_sh.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_fp_classl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fp_classl:

?S: This variable conditionally defines the HAS_FP_CLASSL symbol, which

?S: indicates to the C program that the fp_classl() routine is available.

?S:.

?C:HAS_FP_CLASSL:

?C: This symbol, if defined, indicates that the fp_classl routine is

?C: available to classify long doubles. Available for example in

?C: Digital UNIX. See for possible values HAS_FP_CLASS.

?C:.

?H:#\$d_fp_classl HAS_FP_CLASSL /**/

?H:.

?LINT:set d_fp_classl

: see if fp_classl exists

set fp_classl d_fp_classl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fp_classl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_readdir_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

```

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_readdir_r readdir_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_dirent extern_C
?MAKE: -pick add $@ %<
?S:d_readdir_r:
?S: This variable conditionally defines the HAS_READDIR_R symbol,
?S: which indicates to the C program that the readdir_r()
?S: routine is available.
?S:.
?S:readdir_r_proto:
?S: This variable encodes the prototype of readdir_r.
?S: It is zero if d_readdir_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_readdir_r
?S: is defined.
?S:.
?C:HAS_READDIR_R:
?C: This symbol, if defined, indicates that the readdir_r routine
?C: is available to readdir re-entrantly.
?C:.
?C:READDIR_R_PROTO:
?C: This
  symbol encodes the prototype of readdir_r.
?C: It is zero if d_readdir_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_readdir_r
?C: is defined.
?C:.
?H:#$d_readdir_r HAS_READDIR_R /**/
?H:#define READDIR_R_PROTO $readdir_r_proto /**/
?H:.
?T:try hdrs d_readdir_r_proto
: see if readdir_r exists
set readdir_r d_readdir_r
eval $inlibc
case "$d_readdir_r" in
"$define")
  hdrs="$i_systypes sys/types.h define stdio.h $i_dirent dirent.h"
  case "$d_readdir_r_proto:$usethreads" in
  ":define") d_readdir_r_proto=define
    set d_readdir_r_proto readdir_r $hdrs
    eval $hasproto ;;
  *) ;;
  esac
case "$d_readdir_r_proto" in
define)
case "$readdir_r_proto" in
"|0) try='int readdir_r(DIR*, struct dirent*, struct dirent**);'
./protochk "$extern_C $try" $hdrs && readdir_r_proto=I_TSR ;;

```

```

esac
case "$readdir_r_proto" in
"|0) try='int readdir_r(DIR*, struct dirent*);'
./protochk "$extern_C $try" $hdrs && readdir_r_proto=I_TS
;;
esac
case "$readdir_r_proto" in
"|0) d_readdir_r=undef
readdir_r_proto=0
echo "Disabling readdir_r, cannot determine prototype." >&4 ;;
*) case "$readdir_r_proto" in
REENTRANT_PROTO*) ;;
*) readdir_r_proto="REENTRANT_PROTO_${readdir_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "readdir_r has no prototype, not using it." >&4 ;;
esac
d_readdir_r=undef
readdir_r_proto=0
;;
esac
;;
*) readdir_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_readdir_r.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_msgrcv.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_msgrcv.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:40 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

?MAKE:d_msgrcv: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_msgrcv:
 ?S: This variable conditionally defines the HAS_MSGRCV symbol, which
 ?S: indicates to the C program that the msgrcv() routine is available.
 ?S:.
 ?C:HAS_MSGRCV:
 ?C: This symbol, if defined, indicates that the msgrcv() routine is
 ?C: available to extract a message from the message queue.
 ?C:.
 ?H:#\$d_msgrcv
 HAS_MSGRCV /**/
 ?H:.
 ?LINT:set d_msgrcv
 : see if msgrcv exists
 set msgrcv d_msgrcv
 eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msgrcv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Findhdr.U,v 3.0.1.2 1994/10/29 15:53:08 ram Exp \$
 ?RCS:
 ?RCS: Copyright (c) 1991-1993, Raphael Manfredi
 ?RCS:
 ?RCS: You may redistribute only under the terms of the Artistic License,
 ?RCS: as specified in the README file that comes with the distribution.
 ?RCS: You may reuse parts of this distribution only within the terms of
 ?RCS: that same Artistic License; a copy of which may be found at the root
 ?RCS: of the source tree for dist 3.0.
 ?RCS:
 ?RCS: Original Author: Thomas Neumann <tom@smart.bo.open.de>
 ?RCS:
 ?RCS: \$Log: Findhdr.U,v \$
 ?RCS: Revision 3.0.1.2 1994/10/29 15:53:08 ram
 ?RCS: patch36: added ?F: line for metalint file checking
 ?RCS:
 ?RCS: Revision 3.0.1.1 1994/05/06 14:03:56 ram
 ?RCS: patch23: cppminus must be after other cppflags, not before
 ?RCS:
 ?RCS: Revision 3.0 1993/08/18 12:04:54 ram
 ?RCS: Baseline for dist 3.0 netwide release.
 ?RCS:
 ?X:
 ?X: This unit produces a findhdr script which

is used to locate the header

?X: files in \$usrinc or other stranger places using cpp capabilities. The

?X: script is given an include file base name, like 'stdio.h' or 'sys/file.h'

?X: and it returns the full path of the include file and a zero status or an

?X: empty string with an error status if the file could not be located.

?X:

?MAKE:Findhdr: grep test tr rm incpth awk cat startsh \

cppstdin cppminus +cppflags osname

?MAKE: -pick add \$@ %<

?LINT:extern cppfilter

?LINT:define fieldn

?S:fieldn:

?S: This variable is used internally by Configure. It contains the position

?S: of the included file name in cpp output. That is to say, when cpp

?S: pre-processes a #include <file> line, it replaces it by a # line which

?S: contains the original position in the input file and the full name of

?S: included file, between "quotes".

?S:.

?V:fieldn

?F:./findhdr !fieldn

?T:cline pos wanted name awkprg usrincdir status testaccess

: determine filename position in cpp output

echo " "

echo "Computing

filename position in cpp output for #include directives..." >&4

case "\$osname" in

amigaos) fieldn=3 ;; # Workaround for a bug in abc (pdksh).

esac

case "\$fieldn" in

")

case "\$osname" in

vos) testaccess=-e ;;

*) testaccess=-r ;;

esac

echo '#include <stdio.h>' > foo.c

\$cat >fieldn <<EOF

\$startsh

\$cppstdin \$cppflags \$cppminus <foo.c 2>/dev/null | \

\$grep '^[]*#.*stdio\.h' | \

while read cline; do

pos=1

set \ \$cline

while \$test \ \$# -gt 0; do

if \$test \$testaccess \ `echo \ \$1 | \$tr -d ""`; then

echo "\ \$pos"

exit 0

fi

shift

```

    pos=\`expr \${pos} + 1\`
done
done
EOF
chmod +x fieldn
fieldn=`./fieldn`
$rm -f foo.c fieldn
;;
esac
case $fieldn in
") pos='???';;
1) pos=first;;
2) pos=second;;
3) pos=third;;
*) pos="{fieldn}th";;
esac
echo "Your cpp writes the filename in the $pos field of the line."

```

?X: To locate a header file, we cannot simply check for \$usrinc/file.h, since
?X: some machine have the headers in weird places and our only hope is that
?X: the C pre-processor
will know how to find those headers. Thank you Next!

```

: locate header file
$cat >findhdr <<EOF
$startsh
wanted=$1
name=""
for usrincdir in $incpth
do
if test -f \${usrincdir}/${wanted}; then
echo "\${usrincdir}/${wanted}"
exit 0
fi
done
awkprg='{ print \${fieldn }'
echo "#include <${wanted}>" > foo\${$.c
$cpptest $cpptestminus $cppflags < foo\${$.c 2>/dev/null | \
$cppfilter $grep "^[ ]*#.*\${wanted}" | \
while read cline; do
name=\`echo \${cline} | $awk "\${awkprg}" | $tr -d ""\`
case "\${name}" in
*[\|\\\]\${wanted}) echo "\${name}"; exit 1;;
*[\|\\\]\${wanted}) echo "\${name}"; exit 1;;
*) exit 2;;
esac;
done;
#
# status = 0: grep returned 0 lines, case statement not executed

```



```

# status = 1: headerfile found
# status = 2: while loop executed, no headerfile found
#
status=\$?
$rm -f foo\$\$.c;
if test \$status -eq 1; then
    exit 0;
fi
exit 1
EOF
chmod +x findhdr

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Findhdr.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_systwgcf.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_systwgcf.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:39 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_systwgcf: Inhdr
?MAKE: -pick add $@ %<
?S:i_systwgcf:
?S: This variable conditionally defines the I_SYS_TWG_CF symbol, and
?S: indicates whether a C program should include sys/twg_config.h.
?S:
?C:I_SYS_TWG_CF:
?C: This symbol, if defined, indicates to the C program that it should
?C: include sys/twg_config.h.
?C:
?H:#$i_systwgcf
I_SYS_TWG_CF /**/
?H:
?LINT:set i_systwgcf
: see if this is a sys/twg_config.h system
set sys/twg_config.h i_systwgcf
eval $inhdr

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_systwgcf.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_finite: Inlibc

?MAKE: -pick add \$@ %<

?S:d_finite:

?S: This variable conditionally defines the HAS_FINITE symbol, which

?S: indicates to the C program that the finite() routine is available.

?S:.

?C:HAS_FINITE:

?C: This symbol, if defined, indicates that the finite routine is

?C: available to check whether a double is finite (non-infinity non-NaN).

?C:.

?H:#\$d_finite HAS_FINITE /**/

?H:.

?LINT:set d_finite

: see if finite exists

set finite d_finite

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_finite.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1996, Cygnus Support

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Tom Tromeey <tromeey@cygnus.com>

?RCS:

```

?RCS: $Log: src.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 16:23:54 ram
?RCS: patch61: created
?RCS:
?MAKE:src +rsrc: Options package contains
?MAKE: -pick add $@ %<
?Y:TOP
?S:src (srcdir):
?S: This variable holds the (possibly relative) path of the package source.
?S: It is up to the Makefile to use this variable and set VPATH accordingly
?S: to find the sources remotely. Use $pkgsrc to have an absolute path.
?S:.
?S:rsrc
(relsrkdir):
?S: This variable holds a potentially relative path to the package
?S: source. The contents are correct for the configuration environment,
?S: i.e. there might be an extra .. prepended to get out of the UU dir.
?S: Configure units should use this, not the src variable.
?S:.
: Find the path to the source tree
case "$src" in
") case "$0" in
  /*) src=`echo $0 | sed -e 's%/[^/][^/]*$%%'`
    case "$src" in
/*) ;;
.) ;;
*) src=`cd ../$src && pwd` ;;
esac
;;
*) src='.';;
esac;;
esac
case "$src" in
") src=/
rsrc=/
;;
/*) rsrc="$src";;
*) rsrc="../$src";;
esac
?X:
?X: Now check whether we have found the right source tree (i.e. the one for the
?X: package we're about to configure). The original unit from Tom Tromeu forced
?X: the user to pick a unique file from his distribution, and we were merely
?X: checking the existence of that file. I prefer to rely on Configure (which
?X: we know *is* present since this unit is
?X: part of it!) and look for the
?X: definition of the package variable, making sure it's the same as ours.
?X: If it matches, we know we found the right source tree. -- RAM, 15/03/96

```

```

?X:
if test -f $rsrc/Configure && \
  $contains "^package=$package\$" $rsrc/Configure >/dev/null 2>&1
then
  : found it, so we are ok.
else
?X: Otherwise try "." and up to 4 parent directories...
?X: Note that we prepend a ".." to get out of the configuration environment.
rsrc=""
for src in . .. ../.. ../../.. ../../../..; do
  if test -f ../$src/Configure && \
    $contains "^package=$package$" ../$src/Configure >/dev/null 2>&1
  then
    rsrc=../$src
    break
  fi
done
fi
case "$rsrc" in
")
  cat <<EOM >&4

```

Sorry, I can't seem to locate the source dir for \$package. Please start Configure with an explicit path -- i.e. /some/path/Configure.

```

EOM
exit 1
;;
?X: Don't echo anything if the sources are in . -- they should know already ;-)
?X: In that case, rsrc is ../. since we lookup from within UU
../.) rsrc='.';;
*)
  echo
  " "
  echo "Sources for $package found in \"$src\"." >&4
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/src.U

```

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2006-2007, H.Merijn Brand

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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_builtin_choose_expr d_builtin_expect : Compile Setvar cat run rm_try
?MAKE: -pick add \$@ %<
?S:d_builtin_choose_expr:
?S: This conditionally defines HAS_BUILTIN_CHOOSE_EXPR, which
?S: indicates that the compiler supports __builtin_choose_expr(x,y,z).
?S: This built-in function is analogous to the "x?y:z" operator in C,
?S: except that the expression returned has its type unaltered by
?S: promotion rules. Also, the built-in function does not evaluate
?S: the expression that was not chosen.
?S:.
?S:d_builtin_expect:
?S: This conditionally
defines HAS_BUILTIN_EXPECT, which indicates
?S: that the compiler supports __builtin_expect(exp,c). You may use
?S: __builtin_expect to provide the compiler with branch prediction
?S: information.
?S:.
?C:HAS_BUILTIN_CHOOSE_EXPR:
?C: Can we handle GCC builtin for compile-time ternary-like expressions
?C:.
?C:HAS_BUILTIN_EXPECT:
?C: Can we handle GCC builtin for telling that certain values are more
?C: likely
?C:.
?H:#\$d_builtin_expect HAS_BUILTIN_EXPECT /**/
?H:#\$d_builtin_choose_expr HAS_BUILTIN_CHOOSE_EXPR /**/
?H:.
?F:!try
?LINT:set d_builtin_expect d_builtin_choose_expr
: Look for GCC-style __builtin_choose_expr
case "\$d_builtin_choose_expr" in
")
echo " "
echo "Checking whether your compiler can handle __builtin_choose_expr ..." >&4
\$cat >try.c <<'EOCP'
#include <assert.h>
#include <stdlib.h>
#include <stdio.h>

#define SYRINX(x) __builtin_choose_expr(x, (1056*2), (103*50))

int main(void) {
assert(SYRINX(1) == 2112);
assert(SYRINX(1) != 5150);

```

    assert( SYRINX(0) == 5150 );
    assert( SYRINX(0) != 2112 );
    puts( "All good!" );
    exit(0);
}

```

EOCP

```

set try
if eval $compile && $run ./try; then
echo "Your C compiler supports __builtin_choose_expr."
val="$define"
else
echo "Your C compiler doesn't seem to understand __builtin_choose_expr."
val="$undef"
fi
;;
*) val="$d_builtin_choose_expr" ;;
esac

```

```

set d_builtin_choose_expr
eval $setvar
$rm_try

```

: Look for GCC-style __builtin_expect

```

case "$d_builtin_expect" in
")
echo " "
echo "Checking whether your compiler can handle __builtin_expect ..." >&4
$cat >try.c <<'EOCP'
int main(void) {
    int n = 50;
    if ( __builtin_expect(n, 0) ) n = 1;
    /* Remember shell exit code truth is 0, C truth is non-zero */
    return !(n == 1);
}

```

EOCP

```

set try
if eval $compile && $run ./try; then
echo "Your C compiler supports __builtin_expect."
val="$define"
else
echo "Your C compiler doesn't seem to understand __builtin_expect."
val="$undef"
fi
;;
*) val="$d_builtin_expect" ;;
esac

```

set d_builtin_expect

eval \$setvar

\$rm_try

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_builtin.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_rusage.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_rusage.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:57 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X: We may need to include <sys/resource.h> and <sys/time.h> FIXME

?X:INC: i_sysresrc i_systime

?MAKE:d_rusage: Inlibc

?MAKE: -pick add \$@ %<

?S:d_rusage (d_getrusg):

?S: This variable conditionally defines the HAS_GETRUSAGE symbol, which

?S: indicates that the getrusage() routine exists. The getrusage() routine

?S: supports sub-second accuracy

for process cpu accounting. You may need

?S: to include <sys/resource.h> and <sys/time.h>.

?S:.

?C:HAS_GETRUSAGE (RUSAGE GETRUSAGE):

?C: This symbol, if defined, indicates that the getrusage() routine is

?C: available to get process statistics with a sub-second accuracy.

?C: Inclusion of <sys/resource.h> and <sys/time.h> may be necessary.

?C:.

?H:#\$d_rusage HAS_GETRUSAGE /**/

?H:.

?LINT:set d_rusage

: see if getrusage exists

set getrusage d_rusage

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/d_rusage.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_pwrite.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_pwrite.U,v $
?RCS:
?MAKE:d_pwrite: Inlibc
?MAKE: -pick add $@ %<
?S:d_pwrite:
?S: This variable conditionally defines the HAS_PWRITE symbol, which
?S: indicates to the C program that the pwrite() routine is available.
?S:.
?C:HAS_PWRITE :
?C: This symbol, if defined, indicates that the pwrite routine is
?C: available to perform writes on a file descriptor at a given offset.
?C:.
?H:#$d_pwrite HAS_PWRITE /**/
?H:.
?LINT:set d_pwrite
: see if pwrite
exists
set pwrite d_pwrite
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pwrite.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
```



```

?RCS: $Log: Extractall.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:00:43 ram
?RCS: patch61: created
?RCS:
?X:
?X: If extraction has been requested, load the configuration file, perform
?X: the extraction and exit.
?X:
?X: This unit was originally a part of Options.U. It had to be removed from
?X: it to prevent a dependency cycle: Extract -> src -> Options -> Extract
?X: The Begin.U unit now requires us before beginning to do anything
?X: interesting, to ensure proper semantics. -- RAM, 15/03/96
?X:
?MAKE:Extractall:
    Extract Options
?MAKE: -pick wipe $@ %<
: extract files and exit if asked to do so
case "$extractsh" in
true)
?X: Undo the forced silent=true when -S was supplied, by probing realsilent
?X: which was set iff -s was also given. See Options.U for details.
    case "$realsilent" in
    true) ;;
    *) exec 1>&4;;
    esac
    case "$config_sh" in
    ") config_sh='config.sh';;
    esac
    echo " "
    echo "Fetching answers from $config_sh..."
    cd ..
    . $config_sh
    test "$override" && . ./optdef.sh
    echo " "
?X: extract has to be run from the top directory, not within UU.
    . UU/extract
    rm -rf UU
    echo "Extraction done."
    exit 0
    ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Extractall.U

```

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```

?RCS: $Id: i_sysioctl.U 1 2006-08-24 12:32:52Z rmanfredi $

```

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: i_sysioctl.U,v \$
?RCS: Revision 3.0.1.2 1994/05/06 15:04:57 ram
?RCS: patch23: added knowledge for <sys/filio.h> (WED)
?RCS: patch23: optimized amount of findhdr calls
?RCS:
?RCS: Revision 3.0.1.1 1993/11/10 17:36:09 ram
?RCS: patch14: now use a compiler check for TIOCNOTTY because of HP-UX 9.x
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:32 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_sysioctl i_bsdioclt i_sysfilio i_syssockio
d_voidtty: test contains \
cat i_termio i_termios i_sgtty Setvar Findhdr +cc rm Inhdr
?MAKE: -pick add \$@ %<
?S:i_sysioctl:
?S: This variable conditionally defines the I_SYS_IOCTL symbol, which
?S: indicates to the C program that <sys/ioctl.h> exists and should
?S: be included.
?S:.
?S:i_sysfilio:
?S: This variable conditionally defines the I_SYS_FILIO symbol, which
?S: indicates to the C program that <sys/filio.h> exists and should
?S: be included in preference to <sys/ioctl.h>.
?S:.
?S:i_bsdioclt:
?S: This variable conditionally defines the I_SYS_BSDIOCTL symbol, which
?S: indicates to the C program that <sys/bsdioclt.h> exists and should
?S: be included.
?S:.
?S:i_syssockio:
?S: This variable conditionally defines I_SYS SOCKIO to indicate to the
?S: C program that socket ioctl codes may be found in <sys/sockio.h>
?S: instead of <sys/ioctl.h>.
?S:.
?S:d_voidtty:
?S: This variable conditionally defines USE_IOCTLTY to indicate that the
?S: ioctl() call with TIOCNOTTY should be used

to void tty association.

?S: Otherwise (on USG probably), it is enough to close the standard file

?S: descriptors and do a setpgrp().

?S:.

?C:I_SYS_IOCTL (I_SYS_IOCTL):

?C: This symbol, if defined, indicates that <sys/ioctl.h> exists and should

?C: be included. Otherwise, include <sgtty.h> or <termio.h>.

?C:.

?C:I_SYS_FILIO:

?C: This symbol, if defined, indicates that <sys/filio.h> exists and

?C: should be included instead of <sys/ioctl.h>.

?C:.

?C:I_SYS_BSDIOCTL (I_BSDIOCTL):

?C: This symbol, if defined, indicates that <sys/bsdioc.h> exists and should

?C: be included. Otherwise, try <sys/ioctl.h>. This is primarily intended for

?C: definitions of sockets options, like SIOCATMARK.

?C:.

?C:I_SYS_SOCKIO (I_SYSSOCKIO):

?C: This symbol, if defined, indicates the <sys/sockio.h> should be included

?C: to get socket ioctl options, like SIOCATMARK.

?C:.

?C:USE_TIOCNOTTY (VOIDTTY):

?C: This symbol, if defined indicate to the C program that the ioctl()

?C: call with TIOCNOTTY should be used

to void tty association.

?C: Otherwise (on USG probably), it is enough to close the standard file

?C: descriptors and do a setpgrp().

?C:.

?H:#\$i_sysioctl I_SYS_IOCTL /**/

?H:#\$i_sysfilio I_SYS_FILIO /**/

?H:#\$i_bsdioc I_SYS_BSDIOCTL /**/

?H:#\$i_syssockio I_SYS_SOCKIO /**/

?H:#\$d_voidtty USE_TIOCNOTTY /**/

?H:.

?T:xxx

: see if ioctl defs are in sgtty, termio, sys/filio or sys/ioctl

?LINT:set i_sysfilio

set sys/filio.h i_sysfilio

eval \$inhdr

echo " "

if \$test `./findhdr sys/ioctl.h`; then

val="\$define"

echo '<sys/ioctl.h> found.' >&4

else

val="\$undef"

if \$test \$i_sysfilio = "\$define"; then

echo '<sys/ioctl.h> NOT found.' >&4

else

```

$test $i_sgty = "$define" && xxx="sgtty.h"
$test $i_termio = "$define" && xxx="termio.h"
$test $i_termios = "$define" && xxx="termios.h"
echo "No <sys/ioctl.h> found, assuming ioctl args are defined in <$xxx>." >&4
fi
fi
?LINT:set i_sysioctl
set i_sysioctl
eval $setvar

```

```
@if I_BSDIOCTL || i_bsdioclt
```

```
?X:
```

```
?X: The only machine I know where this
inclusion was necessary is a
```

```
?X: BULL DPX 5000 (a French machine).
```

```
?X:
```

```
: see if socket ioctl defs are in sys/bsdioclt or sys/ioctl
```

```
echo " "
```

```
xxx=`./findhdr sys/bsdioclt.h`
```

```
if $test "$xxx"; then
```

```
if $contains SIOCATMARK $xxx >/dev/null 2>&1; then
```

```
val="$define"
```

```
echo "You have socket ioctls defined in <sys/bsdioclt.h>." >&4
```

```
else
```

```
val="$undef"
```

```
echo "No socket ioctls found in <sys/bsdioclt.h>." >&4
```

```
fi
```

```
else
```

```
val="$undef"
```

```
echo "<sys/bsdioclt.h> not found, but that's ok." >&4
```

```
fi
```

```
?LINT:set i_bsdioclt
```

```
set i_bsdioclt
```

```
eval $setvar
```

```
@end
```

```
@if I_SYSSOCKIO || i_syssockio
```

```
: see if socket ioctl defs are in sys/sockio.h
```

```
echo " "
```

```
xxx=`./findhdr sys/sockio.h`
```

```
if $test "$xxx"; then
```

```
if $contains SIOCATMARK $xxx >/dev/null 2>&1; then
```

```
val="$define"
```

```
echo "You have socket ioctls defined in <sys/sockio.h>." >&4
```

```
else
```

```
val="$undef"
```

```
echo "No socket ioctls found in <sys/sockio.h>." >&4
```

```
fi
```

```

else
  val="$undef"
@if I_BSDIOCTL
  case "$i_bsdiocntl" in
    "$define") $cat <<EOM
<sys/sockio.h> not found, using
  ioctls from <sys/bsdiocntl.h>.
EOM
  ;;
  *) $cat <<EOM
<sys/sockio.h> not found, assuming socket ioctls are in <sys/ioctl.h>.
EOM
  ;;
  esac
@else
  $cat <<EOM
<sys/sockio.h> not found, assuming socket ioctls are in <sys/ioctl.h>.
EOM
@end
fi
?LINT:set i_syssockio
set i_syssockio
eval $setvar

@end
@if VOIDTTY || d_voidtty
: check how to void tty association
echo " "
case "$i_sysiocntl" in
"$define") xxx='sys/ioctl.h';
?X: otherwise $xxx was set during the determination of i_sysiocntl, above.
  esac
?X:
?X: Can't use $contains here since HP-UX 9.x has TIOCNNOTTY between a pair
?X: of #ifdef/#endif and is never actually defined. Oh well...
?X:
$cat > tcio.c <<EOM
#include <sys/types.h> /* Just in case */
#include <$xxx>

int main()
{
#ifdef TIOCNNOTTY
  exit(0);
#else
  exit(1);
#endif
}

```

```

EOM
if ($cc -o tcio tcio.c && ./tcio) >/dev/null 2>&1; then
    val="$define"
    echo "TIOCNOTTY found in <$xxx>." >&4
    echo "Using ioctl() call on /dev/tty to void tty association." >&4
else
    val="$undef"
    echo "Closing
standard file descriptors should void tty association." >&4
fi
?LINT:set d_voidtty
set d_voidtty
eval $setvar
$rm -f tcio tcio.? core

```

@end

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/i_sysioctl.U

```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: yacc.U,v \$

?RCS: Revision 3.0.1.1 1994/05/13 15:28:48 ram

?RCS: patch27: added byacc as another alternative (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:10:03 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:yacc yaccflags: Guess Myread Loc Oldconfig byacc bison cat test

?MAKE: -pick add \$@ %<

?S:yacc:

?S: This variable holds the name of the compiler compiler we

?S: want to use in the Makefile. It can be yacc, byacc, or bison -y.

?S:.

?S:yaccflags:

?S: This variable contains any

```

additional yacc flags desired by the
?S: user. It is up to the Makefile to use this.
?S:.
?T:comp
: determine compiler compiler
echo " "
comp='yacc'
if $test -f "$byacc$_exe"; then
  comp="byacc or $comp"
fi
if $test -f "$bison$_exe"; then
  comp="$comp or bison -y"
fi
case "$yacc" in
")
  yacc=`./loc yacc yacc $pth`
  if $test -f "$yacc$_exe"; then
    dflt='yacc'
  elif $test -f "$byacc$_exe"; then
    dflt='byacc'
  elif $test -f "$bison$_exe"; then
    dflt='bison'
  else
    dflt=""
  fi
  ;;
*) dflt="$yacc";;
esac
rp="Which compiler compiler ($comp) shall I use?"
./myread
yacc="$ans"
case "$yacc" in
*bis*)
  case "$yacc" in
*_y*) ;;
*)
  yacc="$yacc -y"
  echo "(Adding -y option to bison to get yacc-compatible behaviour.)"
  ;;
esac
;;
esac

@if yaccflags
: see if we need extra yacc flags
dflt="$yaccflags"
case "$dflt" in
") dflt=none;;

```

```
esac
$cat <<EOH
```

Your yacc program may need extra flags to normally process the parser sources. Do NOT specify any -d or -v flags here, since those are explicitly known by the various Makefiles. However, if your machine has strange/undocumented options (like -S# on SCO to specify the maximum number of grammar rules), then please add them here. To use no flags, specify the word "none".

```
EOH
rp="Any additional yacc flags?"
./myread
case "$ans" in
none) yaccflags="";;
*) yaccflags="$ans";;
esac
```

```
@end
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/yacc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_longlong.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_longlong.U,v $
?RCS:
?MAKE:d_longlong longlongsize: Compile Setvar Myread run \
cat rm_try test longsize
?MAKE: -pick add $@ %<
?S:d_longlong:
?S: This variable conditionally defines HAS_LONG_LONG if
?S: the long long type is supported.
?S:.
?S:longlongsize:
?S: This variable contains the value of the LONGLONGSIZE symbol, which
?S: indicates to the C program how many bytes there are in a long long,
?S: if this system supports long long.
?S:.
?C:HAS_LONG_LONG:
?C: This symbol will be defined if the C compiler supports long long.
```



```

?C:.
?C:LONGLONGSIZE:
?C: This symbol contains the size of a long long, so that the
?C: C preprocessor can make decisions based on it. It is only
?C: defined
    if the system supports long long.
?C:.
?H:#$d_longlong HAS_LONG_LONG /**/
?H:?LONGLONGSIZE:#ifdef HAS_LONG_LONG
?H:?LONGLONGSIZE:#define LONGLONGSIZE $longlongsize /**/
?H:?LONGLONGSIZE:#endif
?H:.
?F:!try
?LINT:set d_longlong
: check for long long
echo " "
echo "Checking to see if you have long long..." >&4
echo 'int main() { long long x = 7; return 0; }' > try.c
set try
if eval $compile; then
    val="$define"
    echo "You have long long."
else
    val="$undef"
    echo "You do not have long long."
fi
$rm_try
set d_longlong
eval $setvar

@if LONGLONGSIZE || longlongsize
: check for length of long long
?X: Check only if d_longlong and if longlongsize is not already set.
case "${d_longlong}${longlongsize}" in
$define)
    echo " "
    echo "Checking to see how big your long longs are..." >&4
    $cat >try.c <<'EOCP'
#include <stdio.h>
int main()
{
    printf("%d\n", (int)sizeof(long long));
    return(0);
}
EOCP
set try
if eval $compile_ok; then
    longlongsize=`$run ./try`

```

```

echo "Your long
longs are $longlongsize bytes long."
else
dflt='8'
echo " "
echo "(I can't seem to compile the test program.  Guessing...)"
rp="What is the size of a long long (in bytes)?"
./myread
longlongsize="$ans"
fi
if $test "X$longsize" = "X$longlongsize"; then
echo "(That isn't any different from an ordinary long.)"
fi
;;
esac
$rm_try
@end

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_longlong.U
```

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_timegm: Inlibc

?MAKE: -pick add \$@ %<

?S:d_timegm:

?S: This variable conditionally defines the HAS_TIMEGM symbol, which

?S: indicates to the C program that the timegm () routine is available.

?S:.

?C:HAS_TIMEGM:

?C: This symbol, if defined, indicates that the timegm routine is

?C: available to do the opposite of gmtime ()

?C:.

?H:#\$d_timegm HAS_TIMEGM /**/

?H:.

?LINT:set d_timegm

: see if timegm exists

set timegm d_timegm

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_timegm.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_setgrent_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

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?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_setgrent_r setgrent_r_proto: Inlibc Protochk Hasproto i_systypes \
usethreads i_grp extern_C

?MAKE: -pick add \$@ %<

?S:d_setgrent_r:

?S: This variable conditionally defines the HAS_SETGRENT_R symbol,

?S: which indicates to the C program that the setgrent_r()

?S: routine is available.

?S:.

?S:setgrent_r_proto:

?S: This variable encodes the prototype of setgrent_r.

?S: It is zero if d_setgrent_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setgrent_r

?S: is defined.

?S:.

?C:HAS_SETGRENT_R:

?C: This symbol, if defined, indicates that the setgrent_r routine

?C: is available to

setgrent re-entrantly.

?C:.

?C:SETGRENT_R_PROTO:

?C: This symbol encodes the prototype of setgrent_r.

?C: It is zero if d_setgrent_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setgrent_r

?C: is defined.

?C:.

?H:#\$d_setgrent_r HAS_SETGRENT_R /**/

?H:#define SETGRENT_R_PROTO \$setgrent_r_proto /**/

?H:.

?T:try hdrs d_setgrent_r_proto

: see if setgrent_r exists

set setgrent_r d_setgrent_r

eval \$inlibc

case "\$d_setgrent_r" in

"\$define")

hdrs="\$i_systypes sys/types.h define stdio.h \$i_grp grp.h"

case "\$d_setgrent_r_proto:\$usethreads" in

```

":define") d_setgrent_r_proto=define
set d_setgrent_r_proto setgrent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_setgrent_r_proto" in
define)
case "$setgrent_r_proto" in
"|0) try='int setgrent_r(FILE**);'
./protochk "$extern_C $try" $hdrs && setgrent_r_proto=I_H ;;
esac
case "$setgrent_r_proto" in
"|0) try='void setgrent_r(FILE**);'
./protochk "$extern_C $try" $hdrs && setgrent_r_proto=V_H ;;
esac
case "$setgrent_r_proto"
in
"|0) d_setgrent_r=undef
setgrent_r_proto=0
echo "Disabling setgrent_r, cannot determine prototype." >&4 ;;
* ) case "$setgrent_r_proto" in
REENTRANT_PROTO*) ;;
*) setgrent_r_proto="REENTRANT_PROTO_$setgrent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susethreads" in
define) echo "setgrent_r has no prototype, not using it." >&4 ;;
esac
d_setgrent_r=undef
setgrent_r_proto=0
;;
esac
;;
*) setgrent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setgrent_r.U

```

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?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:uidformat: uidsize uidsign ivsize uvsize longsize intsize shortsize \
ivdformat uvuformat test echo

?MAKE: -pick add \$@ %<

?S:uidformat:

?S: This variable contains the format string used for printing a Uid_t.

?S:.

?C:Uid_t_f:

?C: This symbol defines the format string used for printing a Uid_t.

?C:.

?H:#define Uid_t_f \$uidformat /**/

?H:.

: Check format string for UID

echo " "

\$echo "Checking the format string to be used for uids..." >&4

case "\$uidsign" in

-1) if \$test X"\$uidsize" = X"\$ivsize"; then

uidformat="\$ivdformat"

else

if \$test X"\$uidsize" = X"\$longsize"; then

uidformat="ld"

else

if \$test X"\$uidsize" = X"\$intsize"; then

uidformat="d"

else

if \$test X"\$uidsize"

= X"\$shortsize"; then

uidformat="hd"

fi

fi

fi

fi

::

*) if \$test X"\$uidsize" = X"\$uvsize"; then

uidformat="\$uvuformat"

else

if \$test X"\$uidsize" = X"\$longsize"; then

uidformat="lu"

else

if \$test X"\$uidsize" = X"\$intsize"; then

uidformat="u"

else

if \$test X"\$uidsize" = X"\$shortsize"; then

uidformat="hu"

fi

```
fi
fi
fi
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/uidf.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_ffs.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_ffs.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:03 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_ffs: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_ffs:
```

```
?S: This variable conditionally defines the HAS_FFS symbol, which
```

```
?S: indicates to the C program that the ffs() routine is available
```

```
?S: to find the first bit which is set in its integer argument.
```

```
?S:.
```

```
?C:HAS_FFS:
```

```
?C: This symbol, if defined, indicates that the ffs routine is available
```

```
?C: to
```

```
find the first bit set in its argument. If it's not available,
```

```
?C: roll your own.
```

```
?C:.
```

```
?H:#$d_ffs HAS_FFS /**/
```

```
?H:.
```

```
?LINT:set d_ffs
```

```
: see if ffs exists
```

```
set ffs d_ffs
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ffs.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: libpth.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libpth.U,v $
?RCS: Revision 3.0.1.6 1997/02/28 16:08:49 ram
?RCS: patch61: new loclibpth variable
?RCS:
?RCS: Revision 3.0.1.5 1995/01/11 15:31:30 ram
?RCS: patch45: call ./mips instead of just mips (WED)
?RCS:
?RCS: Revision 3.0.1.4 1994/08/29 16:29:15 ram
?RCS: patch32: added /lib/pa1.1 for HP-UX specially tuned PA-RISC libs (ADO)
?RCS: patch32: fixed information message, making it clearer (ADO)
?RCS:
?RCS: Revision 3.0.1.3 1994/06/20 07:03:54
ram
?RCS: patch30: added /usr/shlib to glibpth for shared-only libraries
?RCS:
?RCS: Revision 3.0.1.2 1994/05/13 15:26:57 ram
?RCS: patch27: fixed a typo (libpth -> glibpth)
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 15:07:53 ram
?RCS: patch23: now asks for library directories to be searched (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:02 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit initializes the path for C library lookup.
?X:
?MAKE:libpth glibpth xlibpth plibpth loclibpth incpth: \
usrinc incpath test cat Myread Oldconfig sysroot osname \
ccname echo cppstdin awk grep sed rm usecrosscompile
?MAKE: -pick add $@ %<
?S:libpth:
?S: This variable holds the general path (space-separated) used to find
?S: libraries. It is intended to be used by other units.
?S:.
?S:glibpth:
```

?S: This variable holds the general path (space-separated) used to find libraries. It may contain directories that do not exist on this platform, libpth is the cleaned-up version.

?S:.

?S:xlibpth:

?S: This variable holds extra path (space-separated) used to find libraries on this platform, for example CPU-specific libraries (on multi-CPU platforms) may be listed here.

?S:.

?S:loclibpth:

?S: This variable holds the paths (space-separated) used to find local libraries. It is prepended to libpth, and is intended to be easily set from the command line.

?S:.

?S:plibpth:

?S: Holds the private path used by Configure to find out the libraries. Its value is prepended to libpth. This variable takes care of special machines, like the mips. Usually, it should be empty.

?S:.

?S:incpth:

?S: This variable must precede the normal include path to get the right one, as in "\$incpath/usr/include" or "\$incpath/usr/lib".

?S: Value can be "" or "/bsd43" on mips.

?S:.

?T: xxx dlist i j croak

?LINT:extern incpth

?LINT:change us rinc

?INIT:: change the next line if compiling for Xenix/286 on Xenix/386

?INIT:xlibpth='/usr/lib/386 /lib/386'

?INIT::

Possible local library directories to search.

?INIT:loclibpth="/usr/local/lib /opt/local/lib /usr/gnu/lib"

?INIT:loclibpth="\$loclibpth /opt/gnu/lib /usr/GNU/lib /opt/GNU/lib"

?INIT:

?INIT:: general looking path for locating libraries

?INIT:glibpth="/lib /usr/lib \$xlibpth"

?INIT:glibpth="\$glibpth /usr/ccs/lib /usr/ucblib /usr/local/lib"

?X: /shlib is for Digital Unix 4.0

?X: /usr/shlib is for OSF/1 systems.

?INIT:test -f /usr/shlib/libc.so && glibpth="/usr/shlib \$glibpth"

?INIT:test -f /shlib/libc.so && glibpth="/shlib \$glibpth"

?INIT:test -d /usr/lib64 && glibpth="\$glibpth /lib64 /usr/lib64 /usr/local/lib64"

?INIT:

?INIT:: Private path used by Configure to find libraries. Its value is prepended to libpth. This variable takes care of special machines, like the mips. Usually, it should be empty.

?INIT:plibpth="


```

?INIT:
?X:cppfilter is later used in Findhdr.U, but we not want to expose it to config.h
?T:cppfilter
: Adjust cppfilter for path component separator
case
"$osname" in
vos) cppfilter="tr '\\|>' '/' '|' ;; # path component separator is >
os2) cppfilter="sed -e 's|\\\\\\\\\\\\\\\\|/g'|" ;; # path component separator is \
*) cppfilter=" ;;
esac

: Use gcc to determine libpth and incpth
# If using gcc or clang, we can get better values for libpth, incpth
# and usrinc directly from the compiler.
# Note that ccname for clang is also gcc.
case "$ccname" in
gcc)
$echo 'extern int foo;' > try.c
set X ` $cppstdin -v try.c 2>&1 | $awk '/^#include </,/^End of search /|/$cppfilter $grep '/include`
shift
if $test $# -gt 0; then
incpth="$incpth $*"
incpth="" $echo $incpth|$sed 's/^ //'
for i in $*; do
j="" $echo $i|$sed 's,/include$,/lib,`
if $test -d $j; then
libpth="$libpth $j"
fi
done
libpth="" $echo $libpth|$sed 's/^ //'
for xxx in $libpth $loclibpth $plibpth $glibpth; do
if $test -d $xxx; then
case "$libpth" in
*" $xxx ") ;;
*) libpth="$libpth $xxx";;
esac
fi
done
fi

$rm -f try.c
case "$usrinc" in
") for i in $incpth; do
if $test -f $i/errno.h -a -f $i/stdio.h -a -f $i/time.h; then
usrinc="$i"
break
fi
done

```

```

;;
esac

case "$usecrosscompile" in
$define|true|[yY]*)
  case "$incpth" in
") echo "Incpth not defined." >&4; croak=y ;;
*) echo "Using incpth '$incpth'." >&4 ;;
  esac
  case "$libpth" in
") echo "Libpth not defined." >&4; croak=y ;;
*) echo "Using libpth '$libpth'." >&4 ;;
  esac
  case "$usrinc" in
") echo "Usrinc not defined." >&4; croak=y ;;
*) echo "Using usrinc '$usrinc'." >&4 ;;
  esac
  case "$croak" in
y)
if test "X$sysroot" = X; then
  echo "Cannot continue, aborting." >&4; exit 1
else
  echo "Cross-compiling using sysroot $sysroot, failing to guess inc/lib paths is not fatal" >&4
fi
;;
  esac
;;
esac
;;
esac
;;
esac

```

: Default value for incpth is just usrinc

```

case "$incpth" in
") incpth="$usrinc";;
esac

```

: Set private lib path

```

case
"$plibpth" in
") if ./mips; then
?X: on mips, we DO NOT want /lib, and we want $incpath/usr/lib
plibpth="$incpath/usr/lib $sysroot/usr/local/lib $sysroot/usr/ccs/lib"
  fi;;
esac
case "$libpth" in
' ') dlist="";;
") dlist="$loclibpth $plibpth $glibpth";;
*) dlist="$libpth";;

```

```
esac
```

: Now check and see which directories actually exist, avoiding duplicates

```
for xxx in $dlist
```

```
do
```

```
  if $test -d $xxx; then
```

```
  case "$libpth" in
```

```
    *"$xxx"*) ;;
```

```
    *) libpth="$libpth $xxx";;
```

```
  esac
```

```
  fi
```

```
done
```

```
$cat <<'EOM'
```

Some systems have incompatible or broken versions of libraries. Among the directories listed in the question below, please remove any you know not to be holding relevant libraries, and add any that are needed. Say "none" for none.

```
EOM
```

```
if test "X$sysroot" != X; then
```

```
  $cat <<EOM
```

You have set sysroot to \$sysroot, please supply the directories excluding sysroot

```
EOM
```

```
fi
```

```
case "$libpth" in
```

```
  ") dflt='none';;
```

```
  *)
```

```
  ?X: strip leading space
```

```
  set X $libpth
```

```
  shift
```

```
  dflt=${1+"$@"}
```

```
  ;;
```

```
esac
```

```
rp="Directories
```

```
to use for library searches?"
```

```
./myread
```

```
case "$ans" in
```

```
  none) libpth='';;
```

```
  *) libpth="$ans";;
```

```
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/libpth.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getgrps.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_getgrps.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:08 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getgrps: Inlibc
?MAKE: -pick add $@ %<
?S:d_getgrps:
?S: This variable conditionally defines the HAS_GETGROUPS symbol, which
?S: indicates to the C program that the getgroups() routine is available
?S: to get the list of process groups.
?S:.
?C:HAS_GETGROUPS (GETGROUPS):
?C: This symbol, if defined, indicates that the getgroups()
    routine is
?C: available to get the list of process groups. If unavailable, multiple
?C: groups are probably not supported.
?C:.
?H:#$d_getgrps HAS_GETGROUPS /**/
?H:.
?LINT:set d_getgrps
: see if getgroups exists
set getgroups d_getgrps
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getgrps.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_havetlib.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

```

?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_havetlib.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:36:31 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: likewise for .o replaced by $_o
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:44:06 ram
?RCS: patch23: added AIX support to accept shared lib stub as termlib (WED)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:19 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_havetlib termlib: cat contains Myread Loc
Filexp Oldconfig libpth \
test uname _a _o
?MAKE: -pick add $@ %<
?S:d_havetlib:
?S: This variable conditionally defines the HAS_TERMLIB symbol, which
?S: indicates to the C program that termlib-style routines are available.
?S:.
?S:termlib:
?S: This variable contains the argument to pass to the loader to get
?S: termlib-style routines. It is up to the Makefile.SH to make sure
?S: the value gets to the right command. Note that on many systems the
?S: termlib routines are emulated by the curses or terminfo library.
?S:.
?C:HAS_TERMLIB (HAVETERMLIB):
?C: This symbol, when defined, indicates that termlib-style routines
?C: are available. There is nothing to include.
?C:.
?H:#$d_havetlib HAS_TERMLIB /**/
?H:.
?T:xxx
: where do we get termlib routines from
echo " "
xxx=`./loc libcurses$_a x $libpth`
case "$xxx" in
/*)
ar t $xxx >grimble
if $contains tputs$_o grimble >/dev/null 2>&1; then
termlib='-lcurses'
d_havetlib="$define"
echo "Terminfo library found." >&4
elif $test "x`$uname
2>/dev/null`" = xAIX; then
# Ok, do the AIX shr.o fun thing

```

```

/usr/ccs/bin/nm -en $xxx 2>/dev/null >grimble
if $contains '^tputs .*|extern|' grimble >/dev/null 2>&1; then
    termlib='-lcurses'
    d_havetlib="$define"
    echo "AIX Terminfo library found." >&4
else
    xxx=x
fi
else
    xxx=x
fi
rm -f grimble
;;
esac
case "$xxx" in
x)
xxx=`./loc libtermcmap$a x $libpth`
case "$xxx" in
/usr/lib*/lib*)
    termlib='-ltermcmap'
    d_havetlib="$define"
    echo "Termcmap library found." >&4
    ;;
/*)
    termlib="$xxx"
    d_havetlib="$define"
    echo "Termcmap library found." >&4
    ;;
*)
xxx=`./loc libtermcap$a x $libpth`
case "$xxx" in
/usr/lib*/lib*)
    termlib='-ltermcap'
    d_havetlib="$define"
    echo "Termcap library found." >&4
    ;;
/*)
    termlib="$xxx"
    d_havetlib="$define"
    echo "Termcap library found." >&4
    ;;
*)
    case "$termlib" in
    *)
        dflt=y
rp="Your system appears to NOT have termlib-style routines. Is this true?"
        ./myread
        case "$ans"

```

in

```
n*|f*) d_havetlib="$define"  
$cat <<'EOM'
```

Then where are the term lib-style routines kept? Specify either -llibname or a full pathname (~name ok).

EOM

```
dflt="  
rp='Specify term lib path:'  
. ./myread  
term lib=`./filexp $ans`  
;;  
)  
d_havetlib="$undef"  
term lib="  
echo "You will have to play around with term.c then." >&4  
;;  
esac  
echo " ";;  
) echo "You said term lib was $term lib before." >&4;;  
esac;;  
esac;;  
esac;;  
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_havetlib.U
```

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?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: scriptdir.U,v \$

?RCS: Revision 3.0.1.3 1995/09/25 09:17:15 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.2 1995/01/30 14:46:13 ram

?RCS: patch49: can now handle installation prefix changes (from WED)

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:32:04 ram

```

?RCS: patch32: now uses installation prefix
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:45 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:scriptdir scriptdirexp installscript:
afs cat test Getfile Loc \
Oldconfig +bin Prefixit prefixexp Prefixup
?MAKE: -pick add $@ %<
?Y:TOP
?S:scriptdir:
?S: This variable holds the name of the directory in which the user wants
?S: to put publicly scripts for the package in question. It is either
?S: the same directory as for binaries, or a special one that can be
?S: mounted across different architectures, like /usr/share. Programs
?S: must be prepared to deal with ~name expansion.
?S:.
?S:scriptdirexp:
?S: This variable is the same as scriptdir, but is filename expanded
?S: at configuration time, for programs not wanting to bother with it.
?S:.
?S:installscript:
?S: This variable is usually the same as scriptdirexp, unless you are on
?S: a system running AFS, in which case they may differ slightly. You
?S: should always use this variable within your makefiles for portability.
?S:.
?C:SCRIPTDIR:
?C: This symbol holds the name of the directory in which the user wants
?C: to put publicly executable scripts for the
?C: package in question. It
?C: is often a directory that is mounted across diverse architectures.
?C: Programs must be prepared to deal with ~name expansion.
?C:.
?C:SCRIPTDIR_EXP:
?C: This is the same as SCRIPTDIR, but is filename expanded at
?C: configuration time, for use in programs not prepared to do
?C: ~name substitutions at run-time.
?C:.
?H:#define SCRIPTDIR "$scriptdir" /**/
?H:#define SCRIPTDIR_EXP "$scriptdirexp" /**/
?H:.
: determine where public executable scripts go
set scriptdir scriptdir
eval $prefixit
case "$scriptdir" in
")
dflt="$bin"
: guess some guesses

```



```

$test -d /usr/share/scripts && dflt=/usr/share/scripts
$test -d /usr/share/bin && dflt=/usr/share/bin
$test -d /usr/local/script && dflt=/usr/local/script
$test -d $prefixexp/script && dflt=$prefixexp/script
set dflt
eval $prefixup
;;
*) dflt="$scriptdir"
;;
esac
$cat <<EOM

```

Some installations have a separate directory just for executable scripts so that they can mount it across multiple architectures but keep the scripts in one spot. You might, for example, have a subdirectory of /usr/share for this. Or you might just lump your scripts in with all your other executables.

```

EOM
fn=d~
rp='Where do you keep publicly executable scripts?'
./getfile
if $test "X$sansexp" != "X$scriptdirexp"; then
installscript="
fi
scriptdir="$sans"
scriptdirexp="$sansexp"
if $afs; then
$cat <<EOM

```

Since you are running AFS, I need to distinguish the directory in which scripts reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```

EOM
case "$installscript" in
") dflt=`echo $scriptdirexp | sed 's#^/afs/#/afs/#'`;
*) dflt="$installscript";
esac
fn=de~
rp='Where will public scripts be installed?'
./getfile
installscript="$sans"
else
installscript="$scriptdirexp"
fi

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/scriptdir.U

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?RCS: Copyright (c) 2018-2018, H.Merijn Brand

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:d_pipe2: Inlibc

?MAKE: -pick add \$@ %<

?S:d_pipe2:

?S: This variable conditionally defines the HAS_PIPE2 symbol, which

?S: indicates to the C program that the pipe2() routine is available

?S: to create an inter-process channel.

?S:.

?C:HAS_PIPE2:

?C: This symbol, if defined, indicates that the pipe2 routine is

?C: available to create an inter-process channel.

?C:.

?H:#\$d_pipe2 HAS_PIPE2 /**/

?H:.

?LINT:set d_pipe2

: see if pipe2 exists

set pipe2 d_pipe2

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_pipe2.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2001 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_strftime: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strftime:

?S: This variable conditionally defines the HAS_STRFTIME symbol, which

?S: indicates to the C program that the strftime() routine is available.

?S:.

?C:HAS_STRFTIME:

?C: This symbol, if defined, indicates that the strftime routine is

?C: available to do time formatting.

?C:.

?H:#\$d_strftime HAS_STRFTIME /**/

?H:.

?LINT:set d_strftime

: see if strftime exists

set strftime d_strftime

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strftime.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_shm.U,v 3.0 1993/08/18 12:07:17 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d_shm.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:17 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_shm: test d_shmctl d_shmget d_shmat d_shmdt Setvar Findhdr osname

?MAKE: -pick add \$@ %<

?S:d_shm:

?S: This variable conditionally defines the HAS_SHM symbol, which

?S: indicates that the entire shm*(2) library is present.

?S:.

?C:HAS_SHM:

?C: This symbol, if defined, indicates that the entire shm*(2) library is

?C: supported.

?C:.

?H:#\$d_shm HAS_SHM /**/

?H:.

?T:h_shm

?LINT:set

d_shm

: see how much of the 'shm*(2)' library is present.

h_shm=true

echo " "

```

case "$d_shmctl$d_shmget$d_shmat$d_shmdt" in
*"${undef}*) h_shm=false;;
esac
case "$osname" in
freebsd)
  case "`ipcs 2>&1`" in
  "SVID shared memory"*"not configured"*)
  echo "Your $osname does not have the shm*(2) configured." >&4
    h_shm=false
  val="${undef}"
  set shmctl d_shmctl
  eval $setvar
  set shmget d_shmget
  eval $setvar
  set shmat d_shmat
  eval $setvar
  set shmdt d_shmdt
  eval $setvar
  ;;
  esac
  ;;
esac
: we could also check for sys/ipc.h ...
if $h_shm && $test `./findhdr sys/shm.h`; then
  echo "You have the full shm*(2) library." >&4
  val="$define"
else
  echo "You don't have the full shm*(2) library." >&4
  val="${undef}"
fi
set d_shm
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_shm.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_euc2jis.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

?RCS: \$Log: d_euc2jis.U,v \$
?RCS: Revision 3.0 1993/08/18 12:05:58 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_euc2jis: Inlibc
?MAKE: -pick add \$@ %<
?S:d_euc2jis:
?S: This variable conditionally defines the HAS_EUC2JIS symbol, which
?S: indicates to the C program that the euc2jis() routine is available
?S: to convert EUC to JIS.
?S:.
?C:HAS_EUC2JIS:
?C: This symbol, if defined, indicates that the euc2jis routine is
?C: available to convert
EUC to JIS.
?C:.
?H:#\$d_euc2jis HAS_EUC2JIS /**/
?H:.
?LINT:set d_euc2jis
: see if euc2jis exists
set euc2jis d_euc2jis
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_euc2jis.U

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?RCS: \$Id: d_speedopt.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
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?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_speedopt.U,v \$
?RCS: Revision 3.0.1.1 1994/10/29 16:15:51 ram
?RCS: patch36: call ./Cpplib explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:27 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_speedopt: Myread Cpplib Oldconfig cat models Setvar
?MAKE: -pick add \$@ %<
?S:d_speedopt:

?S: This variable conditionally defines the SPEED_OVER_MEM symbol, which
 ?S: indicates to the C program that it can
 burn memory in order to save
 ?S: CPU time.
 ?S:.
 ?C:SPEED_OVER_MEM (SPEEDOVERMEM):
 ?C: This symbol, if defined, indicates that the program can use more
 ?C: memory in order to reduce CPU time. The symbol doesn't say whether
 ?C: we are more interested in saving text space or data space.
 ?C:.
 ?H:#\$d_speedopt SPEED_OVER_MEM /**/
 ?H:.
 ?LINT:set d_speedopt
 : do we want speed at the expense of memory
 \$cat <<'EOM'

I can try to optimize this package for either speed or memory. If you have
 limited address space you may wish to optimize for memory. Otherwise you
 should probably optimize for speed.

```
EOM
case "$d_speedopt" in
  *) if ./Cpplib $smallmach; then
    case "$models" in
      *large*|*huge*) dflt=speed;;
      *) dflt=memory;;
    esac
  else
    dflt=speed
  fi
  ;;
*define*) dflt=speed;;
*) dflt=memory;;
esac
rp="What to optimize for?"
./myread
case "$ans" in
  mem*) val="$undef";;
  *) val="$define";;
esac
set d_speedopt
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_speedopt.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: libnm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libnm.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 16:08:26 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:01 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libnm: test Loc libpth _a
?MAKE: -pick add $@ %<
?S:libnm:
?S: This variable contains the argument to pass to the loader in order
?S: to get the new math library routines. If there is no new math
?S: library, it is null.
?S:.
?T:ans
?O:
  use libswanted='-lnm' instead (see libs.U).
: see if we should include -lnm
echo " "
if $test -r /usr/lib/libnm$_a || $test -r /usr/local/lib/libnm$_a ; then
  echo "New math library found." >&4
  libnm='-lnm'
else
  ans=`./loc libnm$_a x $libpth`
  case "$ans" in
  x)
    echo "No nm library found--the normal math library will have to do." >&4
    libnm=""
    ;;
  *)
    echo "New math library found in $ans." >&4
    libnm="$ans"
    ;;
  esac
fi

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

```

5.30.0/dist/U/libnm.U

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?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_ftello: Inlibc longsize

?MAKE: -pick add \$@ %<

?S:d_ftello:

?S: This variable conditionally defines the HAS_FTELLO symbol, which

?S: indicates to the C program that the ftello() routine is available.

?S:.

?C:HAS_FTELLO:

?C: This symbol, if defined, indicates that the ftello routine is

?C: available to ftell beyond 32 bits (useful for ILP32 hosts).

?C:.

?H:#\$d_ftello HAS_FTELLO /**/

?H:.

?LINT:set d_ftello

: see if ftello exists

set ftello d_ftello

eval \$inlibc

case "\$longsize" in

8) echo "(Your long is 64 bits, so you could use ftell.)" ;;

esac

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ftello.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_wcstombs.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_wcstombs.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:03 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:
?MAKE:d_wcstombs: Inlibc
?MAKE: -pick add \$@ %<
?S:d_wcstombs:
?S: This variable conditionally defines the HAS_WCSTOMBS symbol, which
?S: indicates to the C program that the wcstombs() routine is available
?S: to convert wide character strings to multibyte strings.
?S:.
?C:HAS_WCSTOMBS:
?C: This symbol, if defined, indicates that the wcstombs
routine is
?C: available to convert wide character strings to multibyte strings.
?C:.
?H:#\$d_wcstombs HAS_WCSTOMBS /**/
?H:.
?LINT:set d_wcstombs
: see if wcstombs exists
set wcstombs d_wcstombs
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wcstombs.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_wait4.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_wait4.U,v \$
?RCS: Revision 3.0 1993/08/18 12:08:01 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_wait4: Inlibc
?MAKE: -pick add \$@ %<
?S:d_wait4:
?S: This variable conditionally defines the HAS_WAIT4 symbol, which
?S: indicates the wait4() routine is available.
?S:.
?C:HAS_WAIT4 (WAIT4):
?C: This symbol, if defined, indicates that wait4() exists.
?C:.

?H:#\$d_wait4 HAS_WAIT4 /**/

?H:.

?LINT:set d_wait4

: see if there is a wait4

set

wait4 d_wait4

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wait4.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_stdlib.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_stdlib.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:27 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i_stdlib: Nothing

?MAKE: -pick add \$@ %<

?S:i_stdlib:

?S: This variable unconditionally defines the I_STDLIB symbol.

?S:.

?C:I_STDLIB:

?C: This symbol is always defined, indicating that <stdlib.h> exists

?C: and should be included.

?C:.

?H:#define I_STDLIB /**/

?H:.

: stub, used only to satisfy other units

i_stdlib='define'

Found in

path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_stdlib.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_ulimit.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_ulimit.U,v \$
?RCS: Revision 3.0 1993/08/18 12:07:51 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_ulimit: Inlibc
?MAKE: -pick add \$@ %<
?S:d_ulimit:
?S: This variable conditionally defines HAS_ULIMIT if ulimit() is
?S: available to get the user limits.
?S:.
?C:HAS_ULIMIT (ULIMIT):
?C: This symbol, if defined, indicates that the ulimit system call is
?C: available to get the user limits.
?C:.
?H:#\$d_ulimit HAS_ULIMIT /**/
?H:.
?LINT:set
d_ulimit
: see if ulimit exists
set ulimit d_ulimit
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ulimit.U

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?RCS:
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:fpossize: Myread Typedef fpostype Compile longsize run i_stdlib
?MAKE: -pick add \$@ %<
?S:fpossize:

```

?S: This variable contains the size of a fpostype in bytes.
?S:.
?C:Fpos_t_size:
?C: This symbol holds the size of a Fpos_t in bytes.
?C:.
?H:#define Fpos_t_size $fpossize /* FPOS size */
?H:.
?T:yyy zzz
?F:!try
: Check size for Fpos_t
echo " "
case "$fpostype" in
*_t) zzz="$fpostype" ;;
*) zzz="fpos_t" ;;
esac
echo "Checking the size of $zzz..." >&4
cat > try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
#ifdef _STDLIB
#include <stdlib.h>
#endif
int main() {
    printf("%d\n", (int)sizeof($fpostype));
    exit(0);
}
EOCP
set try
if eval $compile_ok; then
    yyy=`$run ./try`
    case "$yyy" in
    *) fpossize=4
        echo "(I can't execute the test program--guessing $fpossize.)" >&4
        ;;
    *) fpossize=$yyy
        echo "Your $zzz is $fpossize bytes long."
        ;;
    esac
else
    dflt="$longsize"
    echo " " >&4
    echo "(I can't compile the test program. Guessing...)" >&4
    rp="What is the size of your file positions (in bytes)?"
    ./myread
    fpossize="$ans"
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/fposszie.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_hidnet.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_hidnet.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:20 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_hidnet hiddennet: cat sed myhostname mydomain Myread Oldconfig
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_hidnet:
```

```
?S: This variable conditionally defines the symbol HIDDEN_NET, which
```

```
?S: tells the C program that it should pretend it is on a different
```

```
?S: host for purposes of advertising a mailing address.
```

```
?S:.
```

```
?S:hiddennet:
```

```
?S: This variable contains
```

```
the value eventually given to the symbol
```

```
?S: HIDDEN_NET, if d_hidnet defines it. If defined, it's the name
```

```
?S: of the host which serves as the mail server for a network that
```

```
?S: is invisible to the outside world.
```

```
?S:.
```

```
?C:HIDDEN_NET (HIDDENNET):
```

```
?C: This symbol, if defined, contains the host name that you want to
```

```
?C: advertise to the outside world. This name can be different from
```

```
?C: your actual host name, as long as the machine you specify knows
```

```
?C: how to forward mail to you.
```

```
?C:.
```

```
?H:#$d_hidnet HIDDEN_NET "$hiddennet" /**/
```

```
?H:.
```

```
: now get the host name to advertise as our mailing address
```

```
case "$hiddennet" in
```

```
) dflt=n;;
```

```
*) dflt=y;;
```

```
esac
```

```
$cat <<EOM
```

Some sites are on "hidden" networks, in the sense that the network appears to the outside world as a single machine. The advertised name of any host on this hidden network is the name of one machine on the local network which knows how to forward mail to any other host on the hidden network.

Do you wish to advertise a different hostname to the world than the one your own host (\$myhostname\$mydomain) has?

EOM

```
rp="Use "hidden" network?"
. ./myread
case "$ans" in
n*) d_hidnet="$undef" hiddennet="";
*)
d_hidnet="$define"
echo " "
case "$hiddennet" in
") dflt=`echo $mydomain | $sed -e 's/^\./'`;
*) dflt="$hiddennet";
esac
rp='What hostname do you wish to advertise?'
. ./myread
hiddennet="$ans"
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_hidnet.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: alignbytes.U,v \$

?RCS: Revision 3.0.1.2 1994/10/29 16:02:28 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 14:25:20 ram

```

?RCS: patch23: avoid ALIGNBYTES, since it conflicts on NetBSD
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:23 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:alignbytes: Assert Myread Trylink cat i_inttypes i_limits i_math
?MAKE: -pick add $@ %<
?S:alignbytes:
?S: This variable holds the number of bytes required
to align an
?S: arbitrary standard type. Usual values are 2, 4 and 8.
?S:.
?X: This used to be called ALIGNBYTES, but that conflicts with
?X: <machines/param.h> in NetBSD.
?C:MEM_ALIGNBYTES (ALIGNBYTES):
?C: This symbol contains the number of bytes required to align a
?C: double. Usual values are 2, 4 and 8.
?C:.
?H:#define MEM_ALIGNBYTES $alignbytes /**/
?H:.
?T:alignment result
: check for alignment requirements
echo " "
case "$alignbytes" in
")
echo "Checking alignment constraints..." >&4

for alignment in 8 4 2 1 16 32 error
do
$cat >try.c <<EOCP
#i_inttypes I_INTTYPES
#ifdef I_INTTYPES
#include <inttypes.h>
#endif
#i_limits I_LIMITS
#ifdef I_LIMITS
#include <limits.h>
#endif
#i_math I_MATH
#ifdef I_MATH
#include <math.h>
#endif

union u {
void *void_ptr;
void (*func_ptr)(void);
char c;
short s;

```

```

int i;
long l;
float f;
double d;
#ifdef LLONG_MAX
long long ll;
#else
#warning "LLONG_MAX undefined"
#endif
#if defined(HUGE_VALL)
long double ld;
#else
#warning
"HUGE_VALL undefined"
#endif
#ifdef UINT32_MAX
uint32_t u32;
#else
#warning "UINT32_MAX undefined"
#endif
#ifdef UINT16_MAX
uint16_t u16;
#else
#warning "UINT32_MAX undefined"
#endif
#ifdef UINT64_MAX
uint64_t u64;
#else
#warning "UINT64_MAX undefined"
#endif
#ifdef UINTMAX_MAX
uintmax_t m;
#else
#warning "UINTMAX_MAX undefined"
#endif
#ifdef UINTPTR_MAX
uintptr_t up;
#else
#warning "UINTPTR_MAX undefined"
#endif
};

struct s {
char a;
union u b;
};

#include "static_assert.h"

```



```

int
main(void)
{
    STATIC_ASSERT($alignment == ((sizeof (struct s) - (sizeof (union u)))));
    return 0;
}
EOCP

```

```

result="
set result
eval $strylink
case "$result" in
"$define") break;;
esac
done

```

```

case "$alignment" in
error) dflt='8'
    echo "(I can't seem to compile the test program...)" >&4
    ;;
*) dflt=$alignment
    ;;
esac
;;
*) dflt="$alignbytes"
    ;;
esac
rp="What is the maximum alignment in bytes required for a standard type?"
./myread
alignbytes="$ans"

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/alignbytes.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_crypt.U,v \$

?RCS:

?RCS: Copyright (c) 2002 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_crypt: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_crypt:

?S: This variable conditionally defines the I_CRYPT symbol, and indicates

?S: whether a C program should include <crypt.h>.
?S:.
?C:I_CRYPT:
?C: This symbol, if defined, indicates that <crypt.h> exists and
?C: should be included.
?C:.
?H:#\$i_crypt I_CRYPT /**/
?H:.
?LINT:set i_crypt
: see if this is a crypt.h system
set crypt.h i_crypt
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_crypt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Null.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: Null.U,v \$
?RCS: Revision 3.0 1993/08/18 12:05:10 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit ends up producing shell code to set all variables to ". This
?X: probably isn't necessary, but I'm paranoid. About certain things.
?X:
?MAKE:Null: Head
?MAKE: -pick add.Null \$@ %<

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Null.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_atolf: Inlibc

?MAKE: -pick add \$@ %<

?S:d_atolf:

?S: This variable conditionally defines the HAS_ATOLF symbol, which

?S: indicates to the C program that the atolf() routine is available.

?S:.

?C:HAS_ATOLF:

?C: This symbol, if defined, indicates that the atolf routine is

?C: available to convert strings into long doubles.

?C:.

?H:#\$d_atolf HAS_ATOLF /**/

?H:.

?LINT:set d_atolf

: see if atolf exists

set atolf d_atolf

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/atolf.U

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?RCS: \$Id\$

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:sitehtml1dir sitehtml1direxp installsitehtml1dir: Getfile \

Setprefixvar prefix siteprefix html1dir sed

?MAKE: -pick add \$@ %<

?Y:TOP

?D:sitehtml1dir="

?S:sitehtml1dir:

?S: This variable contains the name of the directory in which site-specific

?S: html source pages are to be put. It is the responsibility of the

?S: Makefile.SH to get the value of this into the proper command.

?S: You must be prepared to do the ~name expansion yourself.

?S: The standard distribution will put nothing in this directory.

?S: After perl

has been installed, users may install their own local
 ?S: html pages in this directory with
 ?S: MakeMaker Makefile.PL
 ?S: or equivalent. See INSTALL for details.
 ?S:.
 ?D:sitehtml1direxp="
 ?S:sitehtml1direxp:
 ?S: This variable is the same as the sitehtml1dir variable, but is filename
 ?S: expanded at configuration time, for convenient use in makefiles.
 ?S:.
 ?D:installsitehtml1dir="
 ?S:installsitehtml1dir:
 ?S: This variable is really the same as sitehtml1direxp, unless you are using
 ?S: AFS in which case it points to the read/write location whereas
 ?S: html1direxp only points to the read-only access location. For extra
 ?S: portability, you should only use this variable within your makefiles.
 ?S:.
 ?LINT:change prefixvar
 ?LINT:set installsitehtml1dir
 ?LINT:set sitehtml1dir
 ?LINT:set sitehtml1direxp
 : determine where add-on html pages go
 : There is no standard location, so try to copy the previously-selected
 : directory structure for the core html pages.
 case "\$sitehtml1dir" in
 ")
 dflt=`echo "\$html1dir" | \$sed "s#^\$prefix#\$siteprefix#"` ;;
 *) dflt=\$sitehtml1dir ;;
 esac
 case "\$dflt" in
 "| ") dflt=none ;;
 esac
 fn=dn+~
 rp='Pathname where the site-specific html pages should be installed?'
 ./getfile
 prefixvar=sitehtml1dir
 ./setprefixvar

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitehtml1dir.U

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?RCS:

?MAKE:d_lgamma: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lgamma:

?S: This variable conditionally defines the HAS_LGAMMA symbol, which

?S: indicates to the C program that the lgamma() routine is available

?S: for the log gamma function. See also d_tgamma and d_lgamma_r.

?S:.

?C:HAS_LGAMMA:

?C: This symbol, if defined, indicates that the lgamma routine is

?C: available to do the log gamma function. See also HAS_TGAMMA and

?C: HAS_LGAMMA_R.

?C:.

?H:#\$d_lgamma HAS_LGAMMA /**/

?H:.

?LINT:set d_lgamma

: see if lgamma exists

set lgamma d_lgamma

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lgamma.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_gnulibc.U,v 3.0.1.1 1997/02/28 15:34:33 ram Exp \$

?RCS:

?RCS: Copyright (c) 1996,1998 Andy Dougherty

?RCS: Copyright (c) 1996, Sven Verdoolaege

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d_gnulibc.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:34:33 ram

?RCS: patch61: created

?RCS:

?MAKE:d_gnulibc gnulibc_version: Myread Oldconfig Setvar rm_try \
cat Compile run

?MAKE: -pick add \$@ %<

?S:d_gnulibc:

?S: Defined if we're dealing with the GNU C Library.

?S:.

?S:gnulibc_version:

?S: This variable contains the version number of the GNU C library.

?S: It is

```

usually something like '2.2.5'. It is a plain " if this
?S: is not the GNU C library, or if the version is unknown.
?S:.
?C:HAS_GNULIBC:
?C: This symbol, if defined, indicates to the C program that
?C: the GNU C library is being used. A better check is to use
?C: the __GLIBC__ and __GLIBC_MINOR__ symbols supplied with glibc.
?C:.
?H:#$d_gnulibc HAS_GNULIBC /**/
?H:%<:#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)
?H:%<:# define _GNU_SOURCE
?H:%<:#endif
?H:.
?F:!glibc.ver !try
?LINT: set d_gnulibc
?X: gnulibc can be executed by calling __libc_main().
?X: Ulrich Drepper doesn't think any other libc does that,
?X: but we check if it says 'GNU C Library' to be sure.
?X:
?X: Alas, as of 3/1998 glibc 2.0.7 reportedly isn't going to
?X: have __libc_main() anymore. :-(. Fortunately, all released
?X: versions of glibc 2.x.x _do_ have CPP variables. For 2.0.6,
?X: they are:
?X: #define __GLIBC__ 2
?X: #define __GLIBC_MINOR__ 0.
?X: (The '6' isn't available :-(.
?X: glibc2.1 will also
have
?X: extern const char * __gnu_get_libc_release(void);
?X: extern const char * __gnu_get_libc_version(void);
?X: functions. --thanks to Andreas Jaeger. --AD 6/1998.
?X: Although the exact format isn't documented, __gnu_get_libc_version()
?X: returns a simple string '2.1.3' in glibc 2.1.3.
?X:
: Check if we are using the GNU C library
echo " "
echo "Checking for GNU C Library..." >&4
cat >try.c <<'EOCP'
/* Find out version of GNU C library. __GLIBC__ and __GLIBC_MINOR__
alone are insufficient to distinguish different versions, such as
2.0.6 and 2.0.7. The function gnu_get_libc_version() appeared in
libc version 2.1.0. A. Dougherty, June 3, 2002.
*/
#include <stdio.h>
int main(void)
{
#ifdef __GLIBC__
# ifdef __GLIBC_MINOR__

```

```

#   if __GLIBC__ >= 2 && __GLIBC_MINOR__ >= 1 && !defined(__cplusplus)
#       include <gnu/libc-version.h>
#       printf("%s\n", gnu_get_libc_version());
#   else
#       printf("%d.%d\n", __GLIBC__, __GLIBC_MINOR__);
#   endif
#   else
#       printf("%d\n", __GLIBC__);
#   endif
#   return 0;
#else
#   return 1;
#endif
}
EOCP
set try
if eval $compile_ok && $run ./try > glibc.ver; then
    val="$define"
    gnulibc_version=`$cat glibc.ver`
    echo "You are using the GNU C Library version $gnulibc_version"
else
    val="$undef"
    gnulibc_version=""
    echo "You are not using the GNU C Library"
fi
$rm_try glibc.ver
set d_gnulibc
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_gnulibc.U
```

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?RCS:

?MAKE:usequadmath: Setvar cat uselongdouble

?MAKE: -pick add \$@ %<

?S:usequadmath:

?S: This variable conditionally defines the USE_QUADMATH symbol,

?S: and indicates that the quadmath library __float128 long doubles

?S: should be used when available.

?S:.

?C:USE_QUADMATH:

?C: This symbol, if defined, indicates that the quadmath library should

?C: be used when available.

```
?C:.
?H:?%<:#ifndef USE_QUADMATH
?H:?%<:#$usequadmath USE_QUADMATH /**/
?H:?%<:#endif
?H:.
: Check if quadmath is requested
case "$usequadmath" in
"$define"|true|[yY]*) usequadmath="$define" ;;
*)          usequadmath="$undef" ;;
esac
```

```
: Fail if both uselongdouble and usequadmath are requested
case "$usequadmath:$uselongdouble" in
define:define)
$cat <<EOM >&4
```

```
*** You requested the use of
the quadmath library and use
*** of long doubles.
***
*** Please select one or the other.
EOM
exit 1
;;
esac
```

```
Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/usequadmath.U
No license file was found, but licenses were detected in source scan.
```

```
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?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
?MAKE:d_scalbn: Inlibc
?MAKE: -pick add $@ %<
?S:d_scalbn:
?S: This variable conditionally defines the HAS_SCALBN symbol, which
?S: indicates to the C program that the scalbn() routine is available.
?S:.
```

```
?C:HAS_SCALBN:
?C: This symbol, if defined, indicates that the scalbn routine is
?C: available to multiply floating-point number by integral power
?C: of radix.
```

```
?C:.
?H:#$d_scalbn HAS_SCALBN /**/
?H:.
?LINT:set d_scalbn
```



```
: see if scalbn exists
set scalbn d_scalbn
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_scalbn.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: cppstdin.U,v \$

?RCS: Revision 3.0.1.4 1994/10/29 16:08:34 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0.1.3 1994/01/24 14:05:38 ram

?RCS: patch16: comment for CPPLAST was missing

?RCS:

?RCS: Revision 3.0.1.2 1993/12/15 08:18:58 ram

?RCS: patch15: new variables cprun and cpplast, guaranteed wrapper-free

?RCS: patch15: cppstdin now tries to use cc, even at the cost of a wrapper

?RCS:

?RCS: Revision 3.0.1.1 1993/08/25 14:00:53 ram

?RCS: patch6:

remove wrapper when not actually used

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:38 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:cppstdin cppminus cprun cpplast: contains test Myread Oldconfig Loc \

cpp +cc rm hint osname gccversion startsh eunicefix

?MAKE: -pick add \$@ %<

?S:cppstdin:

?S: This variable contains the command which will invoke the C

?S: preprocessor on standard input and put the output to stdout.

?S: It is primarily used by other Configure units that ask about

?S: preprocessor symbols.

?S:.

?S:cppminus:

?S: This variable contains the second part of the string which will invoke

?S: the C preprocessor on the standard input and produce to standard
?S: output. This variable will have the value "-" if cppstdin needs
?S: a minus to specify standard input, otherwise the value is "".

?S:.

?S:cpprun:

?S: This variable contains the command which will invoke a C preprocessor
?S: on standard input and put the output to stdout. It is guaranteed not
?S: to be a wrapper
and may be a null string if no preprocessor can be
?S: made directly available. This preprocessor might be different from the
?S: one used by the C compiler. Don't forget to append cpplast after the
?S: preprocessor options.

?S:.

?S:cpplast:

?S: This variable has the same functionality as cppminus, only it applies to
?S: cpprun and not cppstdin.

?S:.

?C:CPPSTDIN:

?C: This symbol contains the first part of the string which will invoke
?C: the C preprocessor on the standard input and produce to standard
?C: output. Typical value of "cc -E" or "/lib/cpp", but it can also
?C: call a wrapper. See CPPRUN.

?C:.

?C:CPPMINUS:

?C: This symbol contains the second part of the string which will invoke
?C: the C preprocessor on the standard input and produce to standard
?C: output. This symbol will have the value "-" if CPPSTDIN needs a minus
?C: to specify standard input, otherwise the value is "".

?C:.

?C:CPPRUN:

?C: This symbol contains the string which will invoke a C preprocessor on
?C: the
standard input and produce to standard output. It needs to end
?C: with CPPLAST, after all other preprocessor flags have been specified.
?C: The main difference with CPPSTDIN is that this program will never be a
?C: pointer to a shell wrapper, i.e. it will be empty if no preprocessor is
?C: available directly to the user. Note that it may well be different from
?C: the preprocessor used to compile the C program.

?C:.

?C:CPPLAST:

?C: This symbol is intended to be used along with CPPRUN in the same manner
?C: symbol CPPMINUS is used with CPPSTDIN. It contains either "-" or "".

?C:.

?H:#define CPPSTDIN "\$cppstdin"

?H:#define CPPMINUS "\$cppminus"

?H:#define CPPRUN "\$cpprun"

?H:#define CPPLAST "\$cpplast"

?H:.

```

?F:cppstdin !testcpp.out !testcpp.c
?T:wrapper x_cpp x_minus ok
: see how we invoke the C preprocessor
echo " "
echo "Now, how can we feed standard input to your C preprocessor..." >&4
cat <<'EOT' >testcpp.c
#define ABC abc
#define XYZ xyz
ABC.XYZ
EOT
cd ..
if $test ! -f cppstdin;
then
echo "$startsh" >cppstdin
if $test "X$osname" = "Xaix" -a "X$gccversion" = X; then
?X: AIX cc -E doesn't show the absolute headerfile
?X: locations but we'll cheat by using the -M flag.
echo 'cat >.$$.c; rm -f .$$.u; ""$cc"" ${1+"$@"} -M -c .$$.c 2>/dev/null; \
test -s .$$.u && \
awk """"$2 ~ /\.h$/ { print "# 0 \\""$2"\\""" }"""" .$$.u; \
rm -f .$$.o .$$.u; ""$cc"" -E ${1+"$@"} .$$.c; rm .$$.c' >> cppstdin
else
echo 'cat >.$$.c; ""$cc"" -E ${1+"$@"} .$$.c; rm .$$.c' >>cppstdin
fi; else
echo "Keeping your $hint cppstdin wrapper."
fi
chmod 755 cppstdin
$eunicefix cppstdin
wrapper=`pwd`/cppstdin
ok='false'
cd UU

?X:
?X: We'll run the cpp tests again if we don't have any valid C preprocessor
?X: yet or don't know how to proceed without a wrapper (in which case cprun
?X: is empty and that's really annoying...)
?X:
if $test "X$cppstdin" != "X" && \
$cppstdin $cppminus <testcpp.c >testcpp.out 2>&1 && \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
then
echo "You used to use
$cppstdin $cppminus so we'll use that again."
case "$cprun" in
") echo "But let's see if we can live without a wrapper..." ;;
*)
if $cprun $cplast <testcpp.c >testcpp.out 2>&1 && \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1

```

```

then
  echo "(And we'll use $cpprun $cpplast to preprocess directly.)"
  ok='true'
else
  echo "(However, $cpprun $cpplast does not work, let's see...)"
fi
;;
esac
else
case "$cpptestdin" in
  *) ;;
  *)
  echo "Good old $cpptestdin $cpptestminus does not seem to be of any help..."
  ;;
esac
fi

if $ok; then
  : nothing
elif echo 'Maybe ""$cc" -E" will work...'; \
  $cc -E <testcpp.c >testcpp.out 2>&1; \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
  echo "Yup, it does."
  x_cpp="$cc -E"
  x_minus="";
elif echo 'Nope...maybe ""$cc" -E -" will work...'; \
  $cc -E - <testcpp.c >testcpp.out 2>&1; \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
  echo "Yup, it does."
  x_cpp="$cc -E"
  x_minus='-';
elif echo 'Nope...maybe ""$cc"
-P" will work...'; \
  $cc -P <testcpp.c >testcpp.out 2>&1; \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
  echo "Yipee, that works!"
  x_cpp="$cc -P"
  x_minus="";
elif echo 'Nope...maybe ""$cc" -P -" will work...'; \
  $cc -P - <testcpp.c >testcpp.out 2>&1; \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
  echo "At long last!"
  x_cpp="$cc -P"
  x_minus='-';
elif echo 'No such luck, maybe "$cpp" will work...'; \
  $cpp <testcpp.c >testcpp.out 2>&1; \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
  echo "It works!"

```

```

x_cpp="$cpp"
x_minus="";
elif echo 'Nixed again...maybe "$cpp' -" will work...'; \
$cpp - <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "Hooray, it works! I was beginning to wonder."
x_cpp="$cpp"
x_minus='-';
elif echo 'Uh-uh. Time to get fancy. Trying a wrapper...'; \
$wrapper <testcpp.c >testcpp.out 2>&1; \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
x_cpp="$wrapper"
x_minus=""
echo
"Eureka!"
else
dflt=""
rp="No dice. I can't find a C preprocessor. Name one:"
./myread
x_cpp="$ans"
x_minus=""
$x_cpp <testcpp.c >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
echo "OK, that will do." >&4
else
echo "Sorry, I can't get that to work. Go find one and rerun Configure." >&4
exit 1
fi
fi

case "$ok" in
false)
cppstdin="$x_cpp"
cppminus="$x_minus"
cpprun="$x_cpp"
cpplast="$x_minus"
?X:
?X: If /lib/cpp is used, try using a wrapper to increase our chances to have
?X: the C compiler and our $cppstdin agree on the same symbols... However,
?X: since cpprun is guaranteed not to be a wrapper, we must clear it if the
?X: only preprocessor we found was a wrapper, with all our luck...
?X:
set X $x_cpp
shift
case "$1" in
"$cpp")
echo "Perhaps can we force $cc -E using a wrapper..."
if $wrapper <testcpp.c >testcpp.out 2>&1; \

```

```

$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
then
echo "Yup, we can."
cppstdin="$wrapper"
cppminus=";
else
echo
"Nope, we'll have to live without it..."
fi
;;
esac
case "$cprun" in
"$wrapper")
cprun="
cpplast="
;;
esac
;;
esac

```

```

case "$cppstdin" in
"$wrapper"|'cppstdin') ;;
*) $rm -f $wrapper;;
esac
$rm -f testcpp.c testcpp.out

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cppstdin.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_NeWS.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_NeWS.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:05:39 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_news d_news0 d_newshome d_textcan: test rm Myread Getfile
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_news:
```

```

?S: Set if running NeWS 1.1
?S:.
?S:d_news0:
?S: Set if running NeWS 1.0
?S:.
?S:d_newshome:
?S: Path to the top directory of the NeWS structure.
?S:.
?S:d_textcan:
?S: Path to where the textcan.ps stuff is...
?S:.
?C:HAS_NEWS1_1 (NEWS1_1):
?C: This
symbol defined if running NeWS 1.1.
?C:.
?C:HAS_NEWS1_0 (NEWS1_0):
?C: This symbol defined if running NeWS 1.0.
?C:.
?C:TEXTCAN:
?C: Tells path to where the textcan.ps stuff is...
?C:.
?H:#$d_news HAS_NEWS1_1   /**/
?H:#$d_news0 HAS_NEWS1_0   /**/
?H:#define TEXTCAN $d_textcan /**/
?H:.
?INIT:: default path for NeWS
?INIT:d_newshome="/usr/NeWS"
?INIT:
: Check to see what version of NeWS is being run?
cd ..
echo " "
echo "Now for the interesting stuff... Lets see what kind of NeWS"
echo "they grow round here...."
echo " "
dflt='y'
if $test -d $d_newshome; then
d_newshome=`(cd $d_newshome ; /bin/pwd)`
echo "Ah...found myself a NeWS in $d_newshome..."
dflt='y'
rp="Is this the NeWS you want your children to grow up with?"
. UU/myread
fi
while $test $ans = "n"; do
dflt=$d_newshome
fn=d
rp="Path to NeWS you want:"
. UU/getfile
d_newshome=$ans

```

```

echo " "
if $test ! -d $d_newshome/lib; then
echo "ARG! No lib directory in $d_newshome!!!"
: heavy medicine. I wonder what the disease
is...
$rm -f kit*isdone
$rm -rf UU
: bye bye
set -t; echo "Sorry... no NeWS is bad news..."
fi

if $test -r $d_newshome/lib/NeWS/colors.ps ; then
echo 'Ahh... your running NeWS 1.1! Boy... that makes stuff easy....'
echo " "
d_news="$define"
d_news0="$undef"
if $test -r $d_newshome/lib/NeWS/textcan.ps; then
d_textcan=$d_newshome/lib/NeWS
echo "The textcan.ps stuff seems to be in : $d_textcan"
else
d_textcan=$d_newshome/clientsrc/client/nterm
if $test ! -r $d_textcan/textcan.ps; then
d_news="$undef"
d_news0="$define"
echo 'Hmm... must have been fooled... gotta be NeWS 1.1 beta!'
else
echo "The textcan.ps stuff seems to be in : $d_textcan"
fi
fi
else
echo 'snif... sniff... I smell the dilapidated smell of NeWS 1.0..'
echo 'Some things will not work under NeWS 1.0...'
d_news="$undef"
d_news0="$define"
fi
cd UU

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_NeWS.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_nice.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```


?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: \$Log: d_nice.U,v \$
?RCS: Revision 3.0.1.1 1994/08/29 16:09:48 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_nice: Inlibc
?MAKE: -pick add \$@ %<
?S:d_nice:
?S: This variable conditionally defines the HAS_NICE symbol, which
?S: indicates to the C program that the nice() routine is available.
?S:.
?C:HAS_NICE :
?C: This symbol, if defined, indicates that the nice routine is
?C: available.
?C:.
?H:#\$d_nice
HAS_NICE /**/
?H:.
?LINT:set d_nice
: see if nice exists
set nice d_nice
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_nice.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_fcntl.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_fcntl.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:01 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:

```
?MAKE:d_fcntl: Inlibc
?MAKE: -pick add $@ %<
?S:d_fcntl:
?S: This variable conditionally defines the HAS_FCNTL symbol, and indicates
?S: whether the fcntl() function exists
?S:.
?C:HAS_FCNTL:
?C: This symbol, if defined, indicates to the C program that
?C: the fcntl() function exists.
?C:.
?H:#$d_fcntl HAS_FCNTL /**/
?H:.
?LINT:set d_fcntl
:
  see if this is an fcntl system
set fcntl d_fcntl
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fcntl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_strtouq: Inlibc cat Compile run
?MAKE: -pick add $@ %<
?S:d_strtouq:
?S: This variable conditionally defines the HAS_STRTOUQ symbol, which
?S: indicates to the C program that the strtouq() routine is available.
?S:.
?C:HAS_STRTOUQ:
?C: This symbol, if defined, indicates that the strtouq routine is
?C: available to convert strings to unsigned long longs (quads).
?C:.
?H:#$d_strtouq HAS_STRTOUQ /**/
?H:.
?F:!try
: see if strtouq exists
set strtouq d_strtouq
eval $inlibc

case "$d_strtouq" in
```

```

"$define")
$cat <<EOM
Checking whether your strtouq() works okay...
EOM
$cat >try.c <<'EOCP'
#include <errno.h>
#include <stdio.h>
extern unsigned long long int strtouq(char *s, char **, int);
static int bad
= 0;
void check(char *s, unsigned long long eull, int een) {
    unsigned long long gull;
    errno = 0;
    gull = strtouq(s, 0, 10);
    if (!(gull == eull) && (errno == een)))
        bad++;
}
int main() {
    check(" 1",          1LL, 0);
    check(" 0",          0LL, 0);
    check("18446744073709551615", 18446744073709551615ULL, 0);
    check("18446744073709551616", 18446744073709551615ULL, ERANGE);
    #if 0 /* strtouq() for /^-/ strings is undefined. */
    check("-1",          18446744073709551615ULL, 0);
    check("-18446744073709551614", 2LL, 0);
    check("-18446744073709551615", 1LL, 0);
    check("-18446744073709551616", 18446744073709551615ULL, ERANGE);
    check("-18446744073709551617", 18446744073709551615ULL, ERANGE);
    #endif
    if (!bad)
        printf("ok\n");
    return 0;
}
EOCP
set try
if eval $compile; then
    case "$run ./try`" in
        ok) echo "Your strtouq() seems to be working okay." ;;
        *) cat <<EOM >&4
Your
strtouq() doesn't seem to be working okay.
EOM
    d_strtouq="$undef"
    ;;
    esac
else
    echo "(I can't seem to compile the test program--assuming it doesn't)"
    d_strtouq="$undef"

```

```
fi
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtouq.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_malloc.U,v 3.1 2003/01/21 18:51:51 merijn Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: i_malloc.U,v $
?RCS: Revision 3.1 2003/01/21 18:51:51 merijn
?RCS: Moved to modified: Ihdr replaced with Compile
?RCS:
?RCS: $Log: i_malloc.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:21 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_malloc: cat rm_try Compile Setvar i_mallocmalloc
?MAKE: -pick add $@ %<
?S:i_malloc:
?S: This variable conditionally defines the I_MALLOC symbol, and indicates
?S: whether a C program should include <malloc.h>.
?S:.
?C:I_MALLOC:
?C: This
symbol, if defined, indicates to the C program that it should
?C: include <malloc.h>.
?C:.
?H:#$i_malloc I_MALLOC /**/
?H:.
?LINT:set i_malloc
: see if this is a malloc.h system
: we want a real compile instead of Inhdr because some systems have a
: malloc.h that just gives a compile error saying to use stdlib.h instead
echo " "
$cat >try.c <<EOCP
#include <stdlib.h>
#include <malloc.h>
```

```
#!/usr/bin/perl -w
use strict;
use warnings;

my $i_malloc = 0;
my $i_malloc = 1;

if ($?) {
    print "Found in path(s):\n";
    print " * /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_malloc.U\n";
    print "No license file was found, but licenses were detected in source scan.\n";
} else {
    print "RCS: $Id$\n";
    print "RCS:\n";
    print "RCS: Copyright (c) 1991-1997, 2004-2006, 2012 Raphael Manfredi\n";
    print "RCS:\n";
    print "RCS: You may redistribute only under the terms of the Artistic License,\n";
    print "RCS: as specified in the README file that comes with the distribution.\n";
    print "RCS: You may reuse parts of this distribution only within the terms of\n";
    print "RCS: that same Artistic License; a copy of which may be found at the root\n";
    print "RCS: of the source tree for dist 4.0.\n";
    print "RCS:\n";
    print "MAKE: intsize longsize shortsize: Assert Myread cat rm_try +cc +ccflags echo n c\n";
    print "MAKE: -pick add $@ %<\n";
    print "S:intsize:\n";
    print "S: This variable contains the value of the INTSIZE symbol, which\n";
    print "S: indicates to the C program how many bytes there are in an int.\n";
    print "S:.\n";
    print "S:longsize:\n";
    print "S: This variable contains the value of the LONGSIZE symbol, which\n";
    print "S: indicates to the C program how many bytes there are in a long.\n";
    print "S:.\n";
    print "S:shortsize:\n";
    print "S: This variable contains the value of the SHORTSIZE symbol which\n";
    print "S: indicates to the
```

```
int main () { return 0; }
EOCP
set try
if eval $compile; then
    echo "<malloc.h> found." >&4
    val="$define"
else
    echo "<malloc.h> NOT found." >&4
    val="$undef"
fi
$rm_try
set i_malloc
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_malloc.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, 2012 Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE: intsize longsize shortsize: Assert Myread cat rm_try +cc +ccflags echo n c

?MAKE: -pick add \$@ %<

?S:intsize:

?S: This variable contains the value of the INTSIZE symbol, which

?S: indicates to the C program how many bytes there are in an int.

?S:.

?S:longsize:

?S: This variable contains the value of the LONGSIZE symbol, which

?S: indicates to the C program how many bytes there are in a long.

?S:.

?S:shortsize:

?S: This variable contains the value of the SHORTSIZE symbol which

?S: indicates to the

C program how many bytes there are in a short.

?S:.

?C:INTSIZE:

?C: This symbol contains the value of sizeof(int) so that the C

?C: preprocessor can make decisions based on it.

?C:.

?C:LONGSIZE:

?C: This symbol contains the value of sizeof(long) so that the C

?C: preprocessor can make decisions based on it.

?C:.

?C:SHORTSIZE:

?C: This symbol contains the value of sizeof(short) so that the C

?C: preprocessor can make decisions based on it.

?C:.

?H:#define INTSIZE \$intsize

?H:#define LONGSIZE \$longsize

?H:#define SHORTSIZE \$shortsize

?H:.

?T:types t size var

?LINT: set shortsize intsize longsize

: check for lengths of integral types

echo " "

types="

@if SHORTSIZE || shortsize

types="\$types short"

@end

@if INTSIZE || intsize

types="\$types int"

@end

@if LONGSIZE || longsize

types="\$types long"

@end

for t in \$types; do

\$echo \$n "Checking to see how big your \${t}s are...\$c" >&4

for size in 2 4 8 16 error; do

\$cat >try.c <<EOCP

#include "static_assert.h"

\$t foo;

int main()

{

STATIC_ASSERT(\$size
== sizeof(foo));

return 0;

}

EOCP

if \$cc -c \$ccflags try.c >/dev/null 2>&1; then break; fi

done

var=\${t}size

```

case "$size" in
error)
echo " cannot compute it." >&4
case $t in
short) dflt=2;;
int) dflt=4;;
long) dflt=4;;
esac
rp="What is the size of the \"\$t\" type (in bytes)?"
. ./myread
eval $var="$ans"
;;
*)
echo " $size bytes." >&4
eval $var=$size
;;
esac
done
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/intsize.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_varhdr.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_varhdr.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:54:42 ram
?RCS: patch61: varargs script now starts with leading "startsh"
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:21:02 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.1 1994/05/13 15:26:05 ram
?RCS: patch27: this unit now supersedes old i_stdarg.U and i_varargs.U
?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)
?RCS:
?RCS: Revision 3.0

```

1993/08/18 12:08:49 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i_stdarg i_varargs i_varhdr: cat +cc +ccflags rm test Setvar \
Findhdr startsh _o

?MAKE: -pick add \$@ %<

?S:i_stdarg:

?S: This variable conditionally defines the I_STDARG symbol, which

?S: indicates to the C program that <stdarg.h> exists and should

?S: be included.

?S:.

?S:i_varargs:

?S: This variable conditionally defines I_VARARGS, which indicates

?S: to the C program that it should include <varargs.h>.

?S:.

?S:i_varhdr:

?S: Contains the name of the header to be included to get va_dcl definition.

?S: Typically one of varargs.h or stdarg.h.

?S:.

?C:I_STDARG:

?C: This symbol, if defined, indicates that <stdarg.h> exists and should

?C: be included.

?C:.

?C:I_VARARGS:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <varargs.h>.

?C:.

?H:#\$i_stdarg I_STDARG /**/

?H:#\$i_varargs I_VARARGS /**/

?H:.

?W:%<:va_dcl

?F:!varargs

?T:valstd

?LINT:set i_stdarg i_varargs

?X:

?X:

Don't use setvar because the varargs test below might override these.

?X: Actually, the messages here are just informative. We don't wish to set

?X: i_varargs or i_stdarg to their final value before knowing which of the

?X: two we'll include.

?X:

: see if stdarg is available

echo " "

if \$test `./findhdr stdarg.h`; then

echo "<stdarg.h> found." >&4

valstd="\$define"

else

echo "<stdarg.h> NOT found." >&4


```

valstd="$undef"
fi

: see if varargs is available
echo " "
if $test `./findhdr varargs.h`; then
echo "<varargs.h> found." >&4
else
echo "<varargs.h> NOT found, but that's ok (I hope)." >&4
fi

```

?X:

?X: if you have stdarg.h, you need to support prototypes to actually use it;

?X: but if stdarg.h exists and the compiler doesn't support prototypes (for some

?X: bizarre reason), we'll fall back to varargs.h anyway so it's not so bad.

?X:

: set up the varargs testing programs

```
$cat > varargs.c <<EOP
```

```
#ifdef I_STDARG
```

```
#include <stdarg.h>
```

```
#endif
```

```
#ifdef I_VARARGS
```

```
#include <varargs.h>
```

```
#endif
```

```
#ifdef
```

```
  I_STDARG
```

```
  int f(char *p, ...)
```

```
  #else
```

```
  int f(va_alist)
```

```
  va_dcl
```

```
  #endif
```

```
  {
```

```
    va_list ap;
```

```
  #ifndef I_STDARG
```

```
    char *p;
```

```
  #endif
```

```
  #ifdef I_STDARG
```

```
    va_start(ap,p);
```

```
  #else
```

```
    va_start(ap);
```

```
    p = va_arg(ap, char *);
```

```
  #endif
```

```
    va_end(ap);
```

```
    return 0;
```

```
  }
```

```
EOP
```

```
$cat > varargs <<EOP
```

```

$startsh
if $cc -c $ccflags -D\ $1 varargs.c >/dev/null 2>&1; then
    echo "true"
else
    echo "false"
fi
$rm -f varargs$_o
EOP
chmod +x varargs

: now check which varargs header should be included
echo " "
i_varhdr="
val="
case "$valstd" in
"$define")
    if `./varargs I_STDARG`; then
        val='stdarg.h'
    elif `./varargs I_VARARGS`; then
        val='varargs.h'
    fi
    ;;
*)
    if `./varargs I_VARARGS`; then
        val='varargs.h'
    fi
    ;;
esac
case "$val" in
")
    echo " "
    echo "*** WHOA THERE!!! ***" >&4
    echo "  Your C compiler \"$cc\" doesn't seem to support stdarg or varargs!" >&4
    case "$knowitall" in
    ")
        echo "  I'm giving up; maybe you can try again with a different compiler?" >&4
        exit 1
        ;;
    esac
    echo "I could not find the definition for va_dcl...
    You have problems..." >&4
    val="$undef"; set i_stdarg; eval $setvar
    val="$undef"; set i_varargs; eval $setvar
    ;;
*)
    set i_varhdr
    eval $setvar
    case "$i_varhdr" in

```

```

stdarg.h)
val="$define"; set i_stdarg; eval $setvar
val="$undef"; set i_varargs; eval $setvar
;;
varargs.h)
val="$undef"; set i_stdarg; eval $setvar
val="$define"; set i_varargs; eval $setvar
;;
esac
echo "We'll include <${i_varhdr}> to get va_dcl definition." >&4;;
esac
$rm -f varargs*

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_varhdr.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setpgid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setpgid.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:41:49 ram
?RCS: patch61: reworded symbol comments
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:06:40 ram
?RCS: patch16: created
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:56 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setpgid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setpgid:
?S: This variable conditionally defines the HAS_SETPGID symbol if the
?S: setpgid(pid, gp) function is
?S: available to set process group ID.
?S:
?C:HAS_SETPGID:
?C: This symbol, if defined, indicates that the setpgid(pid, gp)
?C: routine is available to set process group ID.
```

```
?C:
?H:#$d_setpgid HAS_SETPGID /**/
?H:
?LINT:set d_setpgid
: see if setpgid exists
set setpgid d_setpgid
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setpgid.U
```

No license file was found, but licenses were detected in source scan.

* Feel free to modify any of this as the need arises. Note, however,

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/metaconfig.html
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Tr.U,v 3.0.1.2 1994/10/29 18:00:54 ram Exp $
```

```
?RCS:
```

```
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```

```
?RCS:
```

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```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: Tr.U,v $
```

```
?RCS: Revision 3.0.1.2 1994/10/29 18:00:54 ram
```

```
?RCS: patch43: forgot to quote $@ to protect against "evil" characters
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1994/10/29 15:58:35 ram
```

```
?RCS: patch36: created
```

```
?RCS:
```

```
?X:
```

```
?X: This unit produces a bit of shell code that must be dotted in in order
```

```
?X: to do a character translation. It catches translations to uppercase or
```

```
?X: to lowercase, and then invokes the real tr to perform the job.
```

```
?X:
```

```
?X: This unit is necessary
```

```
on HP machines (HP strikes again!) with non-ascii
```

```
?X: ROMAN8-charset, where normal letters are not arranged in a row, so a-z
```

```
?X: covers not the whole alphabet but lots of special chars. This was reported
```

```
?X: by Andreas Sahlbach <a.sahlbach@tu-bs.de>.
```

```
?X:
```

```

?X: Units performing a tr '[A-Z]' '[a-z]' or the other way round should include
?X: us in their dependency and use ./tr instead.
?X:
?MAKE:Tr: startsh tr eunicefix
?MAKE: -pick add $@ %<
?F:./tr
?T:up low
: see whether [:lower:] and [:upper:] are supported character classes
echo " "
case ""echo AbyZ | $tr '[:lower:]' '[:upper:]' 2>/dev/null`"-`"echo AbyZ | $tr '[:upper:]' '[:lower:]' 2>/dev/null`" in
ABYZ-abyz)
echo "Good, your tr supports [:lower:] and [:upper:] to convert case." >&4
up='[:upper:]'
low='[:lower:]'
;;
*) # There is a discontinuity in EBCDIC between 'R' and 'S'
# (0xd9 and 0xe2), therefore that is a nice testing point.
if test "X$up" = X -o "X$low" = X; then
    case ""echo RS | $tr '[R-S]' '[r-s]' 2>/dev/null`"
in
    rs) up='[A-Z]'
    low='[a-z]'
    ;;
    esac
fi
if test "X$up" = X -o "X$low" = X; then
    case ""echo RS | $tr R-S r-s 2>/dev/null`" in
    rs) up='A-Z'
    low='a-z'
    ;;
    esac
fi
if test "X$up" = X -o "X$low" = X; then
    case ""echo RS | od -x 2>/dev/null`" in
    *D9E2*|*d9e2*)
echo "Hey, this might be EBCDIC." >&4
if test "X$up" = X -o "X$low" = X; then
    case "`echo RS | $tr '[A-IJ-RS-Z]' '[a-ij-rs-z]' 2>/dev/null`" in
    rs) up='[A-IJ-RS-Z]'
    low='[a-ij-rs-z]'
    ;;
    esac
fi
if test "X$up" = X -o "X$low" = X; then
    case ""echo RS | $tr A-IJ-RS-Z a-ij-rs-z 2>/dev/null`" in
    rs) up='A-IJ-RS-Z'
    low='a-ij-rs-z'
    ;;

```

```

    esac
fi
;;
    esac
fi
esac
case "`echo RS | $tr \"\$up\" \"\$low\" 2>/dev/null" in
rs)
    echo "Using $up and $low to convert case." >&4
    ;;
*)
    echo "I don't know how to translate letters from upper to lower case." >&4
    echo "Your tr is not acting any way I know of." >&4
    exit 1
    ;;
esac
:
    set up the translation script tr, must be called with ./tr of course
cat >tr <<EOSC
$startsh
case "\$1\$2" in
[A-Z][a-z]) exec $tr '$up' '$low';;
[a-z][A-Z]) exec $tr '$low' '$up';;
esac
exec $tr "\$@"
EOSC
chmod +x tr
$unicefix tr

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Tr.U
```

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?RCS: \$Id: mailfile.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: mailfile.U,v \$

?RCS: Revision 3.0.1.2 1994/10/29 16:24:57 ram

?RCS: patch36: the Loc unit was missing from the dependency line

?RCS:

```

?RCS: Revision 3.0.1.1 1993/12/15 08:22:08 ram
?RCS: patch15: now also looks under /var/mail for BSD/386
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:11 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:mailfile: Myread Oldconfig Filexp Loc
?MAKE: -pick add $@ %<
?S:mailfile:
?S: This variable contains
the eventual value of the MAILFILE symbol,
?S: which contains an interpretable name of the mail spool file for the
?S: current user.
?S:.
?C:MAILFILE:
?C: This symbol contains the interpretable name of the mail spool file
?C: for the current user. The program must be prepared to substitute
?C: the HOME directory for %~, and the login id for %L.
?C:.
?H:#define MAILFILE "$mailfile" /**/
?H:.
: determine where mail is spooled
case "$mailfile" in
")
dflt=`./loc . XXX /usr/spool/mail /usr/mail /var/mail`
case "$dflt" in
XXX) dflt='%~/mailbox';;
*) dflt="$dflt/%L";;
esac
;;
*) dflt="$mailfile"
;;
esac
cat <<'EOM'

```

In the following question, you may use %~ to represent the user's home directory, and %L to represent a users name.

```

EOM
rp='In which file is yet-to-be-read mail spooled? (~name ok)'
./myread
mailfile=`./filexp "$ans"`

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mailfile.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_sysfile.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysfile.U,v $
?RCS: Revision 3.0.1.2 1995/07/25 14:11:36 ram
?RCS: patch56: removed <> characters from comment, per metalint suggestion
?RCS:
?RCS: Revision 3.0.1.1 1993/08/25 14:01:23 ram
?RCS: patch6: added default for i_sysfile
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:31 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_sysfile: h_sysfile Inhdr Setvar
?MAKE: -pick add $@ %<
?S:i_sysfile:
?S: This variable conditionally defines
the I_SYS_FILE symbol, and indicates
?S: whether a C program should include <sys/file.h> to get R_OK and friends.
?S:.
?C:I_SYS_FILE (I_SYSFIL):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/file.h> to get definition of R_OK and friends.
?C:.
?H:#$i_sysfile I_SYS_FILE /**/
?H:.
?T:val
?D:i_sysfile="
?LINT:change h_sysfile
?LINT:set i_sysfile
: see if this is a sys/file.h system
val="
set sys/file.h val
eval $inhdr

: do we need to include sys/file.h ?
case "$val" in
"$define")
echo " "
if $h_sysfile; then
val="$define"

```



```

echo "We'll be including <sys/file.h>." >&4
else
val="$undef"
echo "We won't be including <sys/file.h>." >&4
fi
;;
*)
h_sysfile=false
;;
esac
set i_sysfile
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysfile.U

```

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?RCS:

?MAKE:d_siginfo_si_errno d_siginfo_si_pid d_siginfo_si_uid d_siginfo_si_addr d_siginfo_si_status

d_siginfo_si_band d_siginfo_si_value d_siginfo_si_fd: d_sigaction pidtype uidtype Hasfield_t

?MAKE: -pick add \$@ %<

?S:d_siginfo_si_errno:

?S: This variable conditionally defines the HAS_SIGINFO_SI_ERRNO symbol,

?S: which indicates that the siginfo_t struct has the si_errno member.

?S:.

?S:d_siginfo_si_pid:

?S: This variable conditionally defines the HAS_SIGINFO_SI_PID symbol,

?S: which indicates that the siginfo_t struct has the si_pid member.

?S:.

?S:d_siginfo_si_uid:

?S: This variable conditionally defines the HAS_SIGINFO_SI_UID symbol,

?S: which indicates that the siginfo_t struct has the si_uid member.

?S:.

?S:d_siginfo_si_addr:

?S: This

variable conditionally defines the HAS_SIGINFO_SI_ADDR symbol,

?S: which indicates that the siginfo_t struct has the si_addr member.

?S:.

?S:d_siginfo_si_status:

?S: This variable conditionally defines the HAS_SIGINFO_SI_STATUS symbol,

?S: which indicates that the siginfo_t struct has the si_status member.

?S:.

?S:d_siginfo_si_band:

?S: This variable conditionally defines the HAS_SIGINFO_SI_BAND symbol,

?S: which indicates that the siginfo_t struct has the si_band member.

?S:.

?S:d_siginfo_si_value:

?S: This variable conditionally defines the HAS_SIGINFO_SI_VALUE symbol,

?S: which indicates that the siginfo_t struct has the si_value member.

?S:.

?S:d_siginfo_si_fd:

?S: This variable conditionally defines the HAS_SIGINFO_SI_FD symbol,

?S: which indicates that the siginfo_t struct has the si_fd member.

?S:.

?C:HAS_SIGINFO_SI_ERRNO:

?C: This symbol, if defined, indicates that siginfo_t has the

?C: si_errno member

?C:.

?C:HAS_SIGINFO_SI_PID:

?C: This

symbol, if defined, indicates that siginfo_t has the

?C: si_pid member

?C:.

?C:HAS_SIGINFO_SI_UID:

?C: This symbol, if defined, indicates that siginfo_t has the

?C: si_uid member

?C:.

?C:HAS_SIGINFO_SI_ADDR:

?C: This symbol, if defined, indicates that siginfo_t has the

?C: si_addr member

?C:.

?C:HAS_SIGINFO_SI_STATUS:

?C: This symbol, if defined, indicates that siginfo_t has the

?C: si_status member

?C:.

?C:HAS_SIGINFO_SI_BAND:

?C: This symbol, if defined, indicates that siginfo_t has the

?C: si_band member

?C:.

?C:HAS_SIGINFO_SI_VALUE:

?C: This symbol, if defined, indicates that siginfo_t has the

?C: si_value member

?C:.

?C:HAS_SIGINFO_SI_FD:

?C: This symbol, if defined, indicates that siginfo_t has the

?C: si_fd member

?C:.

?H:#\$d_siginfo_si_errno HAS_SIGINFO_SI_ERRNO /**/

?H:#\$d_siginfo_si_pid HAS_SIGINFO_SI_PID /**/

?H:#\$d_siginfo_si_uid HAS_SIGINFO_SI_UID /**/

?H:#\$d_siginfo_si_addr HAS_SIGINFO_SI_ADDR /**/

```

?H:#$d_siginfo_si_status HAS_SIGINFO_SI_STATUS /**/
?H:#$d_siginfo_si_band HAS_SIGINFO_SI_BAND /**/
?H:#$d_siginfo_si_value HAS_SIGINFO_SI_VALUE /**/
?H:#$d_siginfo_si_fd HAS_SIGINFO_SI_FD /**/
?H:
:
see what siginfo fields we have
case "$d_sigaction" in
"$define")
echo "Checking if your siginfo_t has si_errno field...">&4
set d_siginfo_si_errno siginfo_t int si_errno $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_pid field...">&4
set d_siginfo_si_pid siginfo_t $pidtype si_pid $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_uid field...">&4
set d_siginfo_si_uid siginfo_t $uidtype si_uid $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_addr field...">&4
set d_siginfo_si_addr siginfo_t "void *" si_addr $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_status field...">&4
set d_siginfo_si_status siginfo_t int si_status $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_band field...">&4
set
d_siginfo_si_band siginfo_t long si_band $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_value field...">&4
set d_siginfo_si_value siginfo_t "union sigval" si_value $d_sigaction signal.h
eval $hasfield_t;

echo "Checking if your siginfo_t has si_fd field...">&4
set d_siginfo_si_fd siginfo_t int si_fd $d_sigaction signal.h
eval $hasfield_t;

;;
*)
d_siginfo_si_errno="$undef"
d_siginfo_si_pid="$undef"
d_siginfo_si_uid="$undef"
d_siginfo_si_addr="$undef"

```

```
d_siginfo_si_status="$undef"  
d_siginfo_si_band="$undef"  
d_siginfo_si_value="$undef"  
d_siginfo_si_fd="$undef"  
;;  
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_siginfo_si.U
```

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?RCS:

?MAKE:d_openat d_unlinkat d_renameat d_linkat d_fchmodat: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fchmodat:

?S: This variable conditionally defines the HAS_FCHMODAT symbol, which

?S: indicates the POSIX fchmodat() function is available.

?S:.

?S:d_linkat:

?S: This variable conditionally defines the HAS_LINKAT symbol, which

?S: indicates the POSIX linkat() function is available.

?S:.

?S:d_openat:

?S: This variable conditionally defines the HAS_OPENAT symbol, which

?S: indicates the POSIX openat() function is available.

?S:.

?S:d_renameat:

?S: This variable conditionally defines the HAS_RENAMEAT symbol, which

?S: indicates the POSIX renameat() function is available.

?S:.

?S:d_unlinkat:

?S: This variable

conditionally defines the HAS_UNLINKAT symbol, which

?S: indicates the POSIX unlinkat() function is available.

?S:.

?C:HAS_FCHMODAT:

?C: This symbol is defined if the fchmodat() routine is available.

?C:.

?C:HAS_LINKAT:

?C: This symbol is defined if the linkat() routine is available.

?C:.

?C:HAS_OPENAT:

?C: This symbol is defined if the openat() routine is available.

?C:
?C:HAS_RENAMEAT:
?C: This symbol is defined if the renameat() routine is available.

?C:
?C:HAS_UNLINKAT:
?C: This symbol is defined if the unlinkat() routine is available.

?C:
?H:#\$d_fchmodat HAS_FCHMODAT /**/
?H:#\$d_linkat HAS_LINKAT /**/
?H:#\$d_opensat HAS_OPENSAT /**/
?H:#\$d_renameat HAS_RENAMEAT /**/
?H:#\$d_unlinkat HAS_UNLINKAT /**/

?H:
?LINT:set d_opensat d_unlinkat d_renameat d_linkat d_fchmodat
: check for opensat, unlinkat, renameat, linkat, fchmodat
set opensat d_opensat
eval \$inlibc

set unlinkat d_unlinkat
eval \$inlibc

set renameat d_renameat
eval \$inlibc

set linkat d_linkat
eval \$inlibc

set fchmodat d_fchmodat
eval
\$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fsat.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysuio.U,v \$

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?RCS:

?MAKE:i_sysuio: Inhdr

?MAKE: -pick add \$@ %<

?S:i_sysuio:

?S: This variable conditionally defines the I_SYSUIO symbol, and indicates

?S: whether a C program should include <sys/uio.h>.

?S:
?C:I_SYSUIO:
?C: This symbol, if defined, indicates that <sys/uio.h> exists and
?C: should be included.

?C:
?H:#\$i_sysuio I_SYSUIO /**/

?H:
?LINT:set i_sysuio
: see if this is a sys/uio.h system
set sys/uio.h i_sysuio
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_sysuio.U

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?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: pager.U,v \$

?RCS: Revision 3.0.1.2 1995/01/30 14:41:26 ram

?RCS: patch49: ensure dflt gets initialized in case no pagers are found (WED)

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:27:45 ram

?RCS: patch36: replaced Myread by Getfile in the dependency line

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:30 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:pager: pg more less Getfile Oldconfig

?MAKE: -pick add \$@ %<

?S:pager:

?S: This variable contains the name of the preferred pager
on the system.

?S: Usual values are (the full pathnames of) more, less, pg, or cat.

?S:.

: locate the preferred pager for this system

fn=f/

case "\$pager" in

")

```

dflt="
case "$pg" in
/*) dflt=$pg;;
[a-zA-Z]:/*) dflt=$pg;;
esac
case "$more" in
/*) dflt=$more;;
[a-zA-Z]:/*) dflt=$more;;
esac
case "$less" in
/*) dflt=$less;;
[a-zA-Z]:/*) dflt=$less;;
esac
case "$dflt" in
") dflt=/usr/ucb/more;;
esac
;;
*) dflt="$pager"
;;
esac
?X: Instruct ./getfile to trust the default pager value,
?X: even if it does not begin with a slash. For example, on os2,
?X: pager might be cmd /c more. Also, it might include some options,
?X: such as '/usr/bin/less -R'. ./getfile would report that
?X: "/usr/bin/less -R" doesn't exist.
?X: See comments in Getfile.U.
fn="f/($dflt)"
echo " "
rp='What pager is used on your system?'
./getfile
pager="$ans"

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/pager.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Getfile.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

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?RCS:

?RCS: \$Log: Getfile.U,v \$

?RCS: Revision 3.0.1.7 1997/02/28 15:01:06 ram
?RCS: patch61: getfile script now begins with "startsh"
?RCS:
?RCS: Revision 3.0.1.6 1995/02/15 14:11:00 ram
?RCS: patch51: was not working if ~'s allowed with d_portable on (WED)
?RCS:
?RCS: Revision 3.0.1.5 1995/01/11 15:11:25 ram
?RCS: patch45: added support for escaping answers to skip various checks
?RCS: patch45: modified message issued after file expansion
?RCS:
?RCS: Revision
3.0.1.4 1994/10/29 15:53:19 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.3 1994/05/06 14:23:36 ram
?RCS: patch23: getfile could be confused by file name in "locate" requests
?RCS: patch23: new 'p' directive to assume file is in people's path (WED)
?RCS:
?RCS: Revision 3.0.1.2 1994/01/24 14:01:31 ram
?RCS: patch16: added metalint hint on changed 'ans' variable
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 15:46:27 ram
?RCS: patch10: minor format problems and misspellings fixed
?RCS: patch10: now performs from package dir and not from UU subdir
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:56 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a bit of shell code that must be dotted in in order
?X: to get a file name and make some sanity checks. Optionally, a ~name
?X: expansion is performed.
?X:
?X: To use this unit, \$rp and \$dfit must hold the question and the
?X: default answer, which will be passed as-is
to the myread script.
?X: The \$fn variable must hold the file type (f or d, for file/directory).
?X: If \$gfpth is set to a list of space-separated list of directories,
?X: those are prefixes for the filename. Unless \$gfpthkeep is set to 'y',
?X: gfpth is cleared on return from Getfile.
?X:
?X: If is is followed by a ~, then ~name substitution will occur. Upon return,
?X: \$ans is set with the filename value. If a / is specified, then only a full
?X: path name is accepted (but ~ substitution occurs before, if needed). The
?X: expanded path name is returned in that case.
?X:
?X: If a + is specified, the existence checks are skipped. This usually means
?X: the file/directory is under the full control of the program.

?X:

?X: If the 'n' (none) type is used, then the user may answer none.

?X: The 'e' (expand) switch may be used to bypass d_portable, expanding ~name.

?X:

?X: If the 'l' (locate) type is used, then it must end with a ':' and then a

?X: file name. If the answer is a directory,

the file name will be appended

?X: before testing for file existence. This is useful in locate-style

?X: questions like "where is the active file?". In that case, one should

?X: use:

?X:

?X: dflt='~news/lib'

?X: fn='l~:active'

?X: rp='Where is the active file?'

?X: ./getfile

?X: active="\$ans"

?X:

?X: If the 'p' (path) letter is specified along with 'l', then an answer

?X: without a leading / will be expected to be found in everyone's path.

?X:

?X: It is also possible to include a comma-separated list of items within

?X: parentheses to specify which items should be accepted as-is with no

?X: further checks. This is useful when for instance a full path is expected

?X: but the user may escape out via "magical" answers.

?X:

?X: If the answer to the question is 'none', then the existence checks are

?X: skipped and the empty string is returned.

?X:

?MAKE:Getfile: d_portable contains startsh Myread Filexp tr trnl

?MAKE: -pick add \$@ %<

?V:ansexp:fn gfpth gfpthkeep

?F:./getfile

?T:tilde

type what orig_rp orig_dflt fullpath already redo skip none_ok \
value exp_file nopath_ok loc_file fp pf dir direxp

?LINT:change ans

?LINT:change gfpth

: now set up to get a file name

cat <<EOS >getfile

\$startsh

EOS

cat <<'EOSC' >>getfile

tilde="

fullpath="

already="

skip="

none_ok="

exp_file="

```

nopath_ok="
orig_rp="$rp"
orig_dflt="$dflt"
case "$gfpth" in
") gfpth='.' ;;
esac

```

?X: Begin by stripping out any (...) grouping.

```

case "$fn" in
*\(*)
: getfile will accept an answer from the comma-separated list
: enclosed in parentheses even if it does not meet other criteria.
expr "$fn" : '.*(\(.*\)).*' | $tr ' ' $trnl >getfile.ok
fn=`echo $fn | sed 's/(.*)/\'`
;;
esac

```

?X: Catch up 'locate' requests early, so that we may strip the file name

?X: before looking at the one-letter commands, in case the file name contains

?X: one of them. Reported by Wayne Davison <davison@borland.com>.

```

case "$fn" in
*:* )
loc_file=`expr $fn : '.*:(.*)'^
fn=`expr $fn : '\(.*\):.*'^
;;
esac

```

```

case
"$fn" in
*~*) tilde=true;;
esac
case "$fn" in
*/*) fullpath=true;;
esac
case "$fn" in
*+*) skip=true;;
esac
case "$fn" in
*n*) none_ok=true;;
esac
case "$fn" in
*e*) exp_file=true;;
esac
case "$fn" in
*p*) nopath_ok=true;;
esac

```

```

case "$fn" in

```

```

*f*) type='File';;
*d*) type='Directory';;
*l*) type='Locate';;
esac

```

```

what="$stype"
case "$what" in
Locate) what='File';;
esac

```

```

case "$exp_file" in
")
case "$d_portable" in
"$define") ;;
*) exp_file=true;;
esac
;;
esac

```

```

cd ..
while test "$stype"; do
redo="
rp="$orig_rp"
dflt="$orig_dflt"
case "$tilde" in
true) rp="$rp (~name ok)";;
esac

```

```

. UU/myread

```

?X: check for allowed escape sequence which may be accepted verbatim.

```

if test -f UU/getfile.ok && \
  $contains "^$ans$" UU/getfile.ok >/dev/null 2>&1
then
value="$ans"
ansexp="$ans"
break
fi
case "$ans" in
none)
value="
ansexp="
case "$none_ok" in
true) type="";;
esac
;;
*)
case "$tilde" in
") value="$ans"
ansexp="$ans";;

```

```

*)
value=`UU/filexp $ans`
case
$? in
0)
if test "$ans" != "$value"; then
echo "(That expands to $value on this system.)"
fi
;;
*) value="$ans";;
esac
ansexp="$value"
case "$exp_file" in
") value="$ans";;
esac
;;
esac
case "$fullpath" in
true)
?X: Perform all the checks on ansexp and not value since when d_portable
?X: is defined, the original un-expanded answer which is stored in value
?X: would lead to "non-existent" error messages whilst ansexp has been
?X: properly expanded. -- Fixed by Jan.Djarv@sa.erisoft.se (Jan Djarv)
?X: Always expand ~user if '/' was requested
case "$sansexp" in
/*) value="$sansexp" ;;
?X: Allow for c:/some/path
[a-zA-Z]:/*) value="$sansexp" ;;
*)
redo=true
case "$already" in
true)
echo "I shall only accept a full path name, as in /bin/lis." >&4
echo "Use a ! shell escape if you wish to check pathnames." >&4
;;
*)
echo "Please give a full path name, starting with slash." >&4
case "$stilde"
in
true)
echo "Note that using ~name is ok provided it expands well." >&4
already=true
;;
esac
esac
;;
esac
;;

```

```

esac
case "$redo" in
")
case "$type" in
File)
for fp in $gfpth; do
if test "X$fp" = X.; then
pf="$ansexp"
else
pf="$fp/$ansexp"
fi
if test -f "$pf"; then
type="
elif test -r "$pf" || (test -h "$pf") >/dev/null 2>&1
then
echo "($value is not a plain file, but that's ok.)"
type="
fi
if test X"$type" = X; then
value="$pf"
break
fi
done
;;
Directory)
for fp in $gfpth; do
if test "X$fp" = X.; then
dir="$sans"
direxp="$ansexp"
else
dir="$fp/$ansexp"
direxp="$fp/$ansexp"
fi
if test -d "$direxp"; then
type="
value="$dir"
break
fi
done
;;
Locate)
if test -d "$ansexp"; then
echo "(Looking for $loc_file in directory
$value.)"
value="$value/$loc_file"
ansexp="$ansexp/$loc_file"
fi
if test -f "$ansexp"; then

```

```

    type="
fi
case "$nopath_ok" in
true) case "$value" in
*/*) ;;
*) echo "Assuming $value will be in people's path."
    type="
    ;;
esac
;;
esac
;;
esac

case "$skip" in
true) type=";
esac

case "$type" in
") ;;
*)
if test "$fastread" = yes; then
    dflt=y
else
    dflt=n
fi
rp="$what $value doesn't exist. Use that name anyway?"
. UU/myread
dflt="
case "$ans" in
y*) type=";;
*) echo " ";;
esac
;;
esac
;;
esac
done
cd UU
ans="$value"
rp="$orig_rp"
dflt="$orig_dflt"
rm -f getfile.ok
test "X$gfpthkeep" != Xy && gfpth=""
EOSC

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Getfile.U

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?RCS:

?RCS: \$Log: Typedef.U,v \$

?RCS: Revision 3.0.1.3 1995/07/25 13:42:07 ram

?RCS: patch56: added backslash escapes within evals to prevent space problems

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 16:01:16 ram

?RCS: patch36: don't clobber visible 'val' variable, use 'varval' instead

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:05:14 ram

?RCS: patch32: created

?RCS:

?X:

?X: This unit checks for the definition of a given typedef.

?X:

?X: To use it, say:

?X: set typedef val_t default [includes]

?X: eval \$typedef

?X:

?MAKE:Typedef:

cppstdin cppminus cppflags rm contains Oldconfig

?MAKE: -pick add \$@ %<

?F:!temp.c

?LINT:define typedef

?V:typedef

?S:typedef:

?S: This shell variable is used internally by Configure to check

?S: whether a given typedef is defined or not. A typical use is:

?S: set typedef val_t default [includes]

?S: eval \$typedef

?S: That will return val_t set to default if the typedef was not found,

?S: to typedef otherwise. If no includes are specified, look in sys/types.h.

?S:.

?T:type var def inclist varval inc

: define an is-a-typedef? function

```

typedef='type=$1; var=$2; def=$3; shift; shift; shift; inclist=$@;
case "$inclist" in
"" ) inclist="sys/types.h";;
esac;
eval "varval=\$$var";
case "$varval" in
"" )
$rm -f temp.c;
for inc in $inclist; do
echo "#include <$inc>" >>temp.c;
done;
$cppstdin $cppflags $cppminus < temp.c >temp.E 2>/dev/null;
if $contains $type temp.E >/dev/null 2>&1; then
eval "$var=\$type";
else
eval "$var=\$def";
fi;
$rm -f temp.?;;
*) eval
"$var=\$varval";;
esac'

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Typedef.U

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?RCS:

?MAKE:d_frexp! Inlibc

?MAKE: -pick add \$@ %<

?S:d_frexp!

?S: This variable conditionally defines the HAS_FREXP symbol, which

?S: indicates to the C program that the frexp() routine is available.

?S:.

?C:HAS_FREXP!

?C: This symbol, if defined, indicates that the frexp routine is

?C: available to break a long double floating-point number into

?C: a normalized fraction and an integral power of 2.

?C:.

?H:#\$d_frexp! HAS_FREXP! /**/

?H:.

?LINT:set d_frexp!


```
: see if frexpl exists
set frexpl d_frexp
eval $inlibc
```

Found in path(s):

```
*/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_frexp.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strchr.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
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```

```
?RCS:
```

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```
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```

```
?RCS:
```

```
?RCS: $Log: d_strchr.U,v $
```

```
?RCS: Revision 3.0.1.2 1993/10/16 13:49:20 ram
```

```
?RCS: patch12: added support for HAS_INDEX
```

```
?RCS: patch12: added magic for index() and rindex()
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1993/09/13 16:05:26 ram
```

```
?RCS: patch10: now only defines HAS_STRCHR, no macro remap of index (WAD)
```

```
?RCS:
```

```
?RCS: Revision 3.0 1993/08/18 12:07:32 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_strchr d_index: contains strings Setvar Myread Oldconfig
```

```
Csym
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_strchr:
```

```
?S: This variable conditionally defines HAS_STRCHR if strchr() and
```

```
?S: strchr() are available for string searching.
```

```
?S:.
```

```
?S:d_index:
```

```
?S: This variable conditionally defines HAS_INDEX if index() and
```

```
?S: rindex() are available for string searching.
```

```
?S:.
```

```
?C:HAS_STRCHR:
```

```
?C: This symbol is defined to indicate that the strchr()/strchr()
```

```
?C: functions are available for string searching. If not, try the
```

```
?C: index()/rindex() pair.
```

```
?C:.
```

```
?C:HAS_INDEX:
```

```
?C: This symbol is defined to indicate that the index()/rindex()
```

```

?C: functions are available for string searching.
?C:.
?H:#$d_strchr HAS_STRCHR /**/
?H:#$d_index HAS_INDEX /**/
?H:.
?M:index: HAS_INDEX
?M:#ifndef HAS_INDEX
?M:#ifndef index
?M:#define index strchr
?M:#endif
?M:#endif
?M:.
?M:rindex: HAS_INDEX
?M:#ifndef HAS_INDEX
?M:#ifndef rindex
?M:#define rindex strchr
?M:#endif
?M:#endif
?M:.
?T:vali
?LINT:set d_strchr d_index
: index or strchr
echo " "
if set index val -f; eval $csym; $val; then
if
set strchr val -f d_strchr; eval $csym; $val; then
if $contains strchr "$strings" >/dev/null 2>&1 ; then
?X: has index, strchr, and strchr in string header
val="$define"
vali="$undef"
echo "strchr() found." >&4
else
?X: has index, strchr, and no strchr in string header
val="$undef"
vali="$define"
echo "index() found." >&4
fi
else
?X: has only index, no strchr, string header is a moot point
val="$undef"
vali="$define"
echo "index() found." >&4
fi
else
if set strchr val -f d_strchr; eval $csym; $val; then
val="$define"
vali="$undef"
echo "strchr() found." >&4

```

```
else
  echo "No index() or strchr() found!" >&4
  val="$undef"
  vali="$undef"
fi
fi
set d_strchr; eval $setvar
val="$vali"
set d_index; eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strchr.U
```

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?RCS:

?RCS: \$Log: Whoa.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:21:21 ram

?RCS: patch61: whoa script now starts with leading "startsh"

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:02:01 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:19 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit produces a bit of shell code that must be dotted in in order

?X: to warn the user in case a change into a variable is noticed.

?X:

?X: To use this

unit, \$was must hold the old value that has changed. Upon

?X: exit, the two variables \$td and \$tu are set to the correct value for

?X: respectively defining or undefining a variable. For instance, if \$was was

?X: \$undef, but now \$var is \$define, after calling . whoa, you should use

?X: eval "\$var=\\$tu" to finally set \$var to the correct value. See unit Inlibc.

?X:

?MAKE:Whoa: Myread startsh hint

?MAKE: -pick add \$@ %<

```

?F:./whoa
?T:var was
?LINT:change td tu
: set up the script used to warn in case of inconsistency
cat <<EOS >whoa
$startsh
EOS
cat <<'EOESC' >>whoa
dflt=y
echo " "
echo "*** WHOA THERE!!! ***" >&4
echo " The $hint value for \$$var on this machine was \"$was\"!" >&4
rp=" Keep the $hint value?"
./myread
case "$ans" in
y) td=$was; tu=$was;;
esac
EOESC

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Whoa.U

```

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?RCS:

?MAKE:d_getspnam: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getspnam:

?S: This variable conditionally defines HAS_GETSPNAM if getspnam() is

?S: available to retrieve SysV shadow password entries by name.

?S:.

?C:HAS_GETSPNAM:

?C: This symbol, if defined, indicates that the getspnam system call is

?C: available to retrieve SysV shadow password entries by name.

?C:.

?H:#\$d_getspnam HAS_GETSPNAM /**/

?H:.

?LINT:set d_getspnam

: see if getspnam exists

```
set getspname d_getspnam
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getspnam.U
```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Copyright (c) 2000, Jarkko Hietaniemi

?RCS:

?X:

?X: This unit produces a bit of shell code that must be dotted in order

?X: to make quick check on whether the current C compiler is working.

?X:

?MAKE:Checkcc ccname ccversion: Myread Warn startsh cat contains test

?MAKE: -pick add \$@ %<

?S:ccname:

?S: This can set either by hints files or by Configure. If using

?S: gcc, this is gcc, and if not, usually equal to cc, unimpressive, no?

?S: Some platforms, however, make good use of this by storing the

?S: flavor

of the C compiler being used here. For example if using

?S: the Sun WorkShop suite, ccname will be 'workshop'.

?S:.

?S:ccversion:

?S: This can set either by hints files or by Configure. If using

?S: a (non-gcc) vendor cc, this variable may contain a version for

?S: the compiler.

?S:.

?F:./checkcc ./trygcc !checktmp

?V:despair

?T:trygcc

?LINT:extern cc rm ccflags ldflags

?LINT:change cc ccflags

?LINT:usefile checktmp

?INIT:ccname=""

?INIT:ccversion=""

: generate the trygcc script for later perusal

```

cat <<EOS >trygcc
$startsh
EOS
cat <<'EOSC' >>trygcc
case "$cc" in
") ;;
*) $rm -f try try.*
   $cat >try.c <<EOM
int main(int argc, char *argv[]) {
(void) argc;
(void) argv;
return 0;
}
EOM
if $cc -o try $ccflags $ldflags try.c; then
:
else
echo "Uh-oh, the C compiler '$cc' doesn't seem to be working." >&4
despair=yes
trygcc=yes
case "$cc" in
*gcc*) trygcc=no ;;
esac
case "`$cc -v -c try.c 2>&1`" in

*gcc*) trygcc=no ;;
esac
if $test X"$trygcc" = Xyes; then
if gcc -o try -c try.c; then
echo " "
echo "You seem to have a working gcc, though." >&4
rp="Would you like to use it?"
dflt=y
if $test -f myread; then
./myread
else
if $test -f UU/myread; then
./UU/myread
else
echo "Cannot find myread, sorry. Aborting." >&2
exit 1
fi
fi
case "$ans" in
[yY]*) cc=gcc; ccname=gcc; ccflags=""; despair=no;
?X: Look whether we have 'call-back units' generated by hints that would
?X: seemingly affect the compiling environment.
   $cat *.cbu >checktmp 2>/dev/null

```

```
if $contains ccflags checktmp >/dev/null; then
```

```
./warn <<EOM
```

Any previous setting of the C compiler flags has been lost.

It may be necessary to pass -Dcc=gcc to Configure right away.

```
EOM
```

```
fi;;
```

```
esac
```

```
fi
```

```
fi
```

```
fi
```

```
$rm -f try try.*
```

```
::
```

```
esac
```

```
EOSC
```

```
: generate the checkcc script for later perusal
```

```
cat <<EOS >checkcc
```

```
$startsh
```

```
EOS
```

```
cat <<'EOSC' >>checkcc
```

```
case "$cc" in
```

```
) ;;
```

```
*) $rm -f try try.*
```

```
$cat >try.c <<EOM
```

```
int main(int argc, char *argv[]) {
```

```
(void) argc;
```

```
(void) argv;
```

```
return 0;
```

```
}
```

```
EOM
```

```
if $cc -o try $ccflags $ldflags try.c; then
```

```
:
```

```
else
```

```
if $test X"$despair" = Xyes; then
```

```
echo "Uh-oh, the C compiler '$cc' doesn't seem to be working." >&4
```

```
fi
```

```
$cat >&4 <<EOM
```

You need to find a working C compiler.

Either (purchase and) install the C compiler supplied by your OS vendor,

or for a free C compiler try <http://gcc.gnu.org/>

I cannot continue any further, aborting.

```
EOM
```

```
exit 1
```

```
fi
```

```
$rm -f try try.*
```

```
::
```

esac
EOSC

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Checkcc.U

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?RCS:

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?RCS:

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?RCS:

?MAKE:d_strtod_1: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strtod_1:

?S: This variable conditionally defines the HAS_STRTOD_L symbol, which

?S: indicates to the C program that the strtod_l() routine is available.

?S:.

?C:HAS_STRTOD_L:

?C: This symbol, if defined, indicates that the strtod_l routine is

?C: available to convert strings to long doubles.

?C:.

?H:#\$d_strtod_1 HAS_STRTOD_L /**/

?H:.

?LINT:set d_strtod_1

: see if strtod_l exists

set strtod_l d_strtod_1

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_strtod_1.U

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: abortsig.U,v \$


```

?RCS: Revision 3.0.1.1 1994/10/29 16:02:19 ram
?RCS: patch36: call ./usg explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:20 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:abortsig: Myread Oldconfig Guess cat +cc ccflags rm
?MAKE: -pick add $@ %<
?S:abortsig:
?S: This variable holds the name of the signal used by the abort() call.
?S:.
?C:ABORTSIG:
?C: This symbol holds the signal number (symbol) used by the abort() call. To
?C: actually
define the signal symbol, <signal.h> should be included.
?C:.
?H:#define ABORTSIG $abortsig /**/
?H:.
?T:signal
: which signal is sent by abort ?
echo " "
case "$abortsig" in
")
echo "Checking to see which signal is sent to the process by abort()..." >&4
echo "abort" > abort.sh
chmod +x abort.sh
?X: SIGABRT should replace SIGIOT on USG machines in a near future (1991).
for signal in SIGIOT SIGILL SIGABRT; do
case "$abortsig" in
") $cat >abort.c <<EOP
/* FIXME: Missing #include <stdlib.h>*/
#include <signal.h>
caught() { exit(0); } /* FIXME: Use _exit() or _Exit() in signal handler */
int main()
{
#ifdef $signal
signal($signal, caught);
#endif
if (-1 == abort())
exit(1);
exit(1);
}
EOP
?X: We have to use the abort.sh script otherwise sh behaves strangely on AIX.
if $cc $ccflags -o abort abort.c >/dev/null 2>&1; then
(./abort.sh) >/dev/null 2>&1
case $? in
0) abortsig="$signal";

```

```

    esac
fi
;;
esac
done
;;
esac
case "$abortsig" in
") echo
"(I wasn't able to compute the signal name--guessing)"
if ./usg; then
    dflt="SIGIOT"
else
    dflt="SIGILL"
fi;;
*) dflt="$abortsig"
;;
esac
rp="Which signal does abort() send to the process (signal name)?"
. ./myread
abortsig="$ans"
$rm -f core abort.sh abort abort.c

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/abortsig.U
```

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```

?RCS: $Id: d_readlink.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_readlink.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:11:52 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_readlink: Inlibc
?MAKE: -pick add $@ %<
?S:d_readlink:
?S: This variable conditionally defines the HAS_READLINK symbol, which

```

?S: indicates to the C program that the readlink() routine is available

?S: to read the value of a symbolic link.

?S:.

?C:HAS_READLINK :

?C: This

symbol, if defined, indicates that the readlink routine is

?C: available to read the value of a symbolic link.

?C:.

?H:#\$d_readlink HAS_READLINK /**/

?H:.

?LINT:set d_readlink

: see if readlink exists

set readlink d_readlink

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_readlink.U

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?RCS: \$Id: d_msync.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_msync.U,v \$

?RCS: Revision 3.0.1.1 1993/12/15 08:19:17 ram

?RCS: patch15: created

?RCS:

?MAKE:d_msync: Inlibc

?MAKE: -pick add \$@ %<

?S:d_msync:

?S: This variable conditionally defines HAS_MSYNCR if msync() is

?S: available to synchronize a mapped file.

?S:.

?C:HAS_MSYNCR:

?C: This symbol, if defined, indicates that the msync system call is

?C: available to synchronize a mapped file.

?C:.

?H:#\$d_msync HAS_MSYNCR /**/

?H:.

?LINT:set d_msync

: see if

```
msync exists
set msync d_msync
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msync.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_killpg.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_killpg.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:27 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_killpg: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_killpg:
```

```
?S: This variable conditionally defines the HAS_KILLPG symbol, which
```

```
?S: indicates to the C program that the killpg() routine is available
```

```
?S: to kill process groups.
```

```
?S:.
```

```
?C:HAS_KILLPG (KILLPG):
```

```
?C: This symbol, if defined, indicates that the killpg routine is available
```

```
?C: to kill
```

```
process groups. If unavailable, you probably should use kill
```

```
?C: with a negative process number.
```

```
?C:.
```

```
?H:#$d_killpg HAS_KILLPG /**/
```

```
?H:.
```

```
?LINT:set d_killpg
```

```
: see if killpg exists
```

```
set killpg d_killpg
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_killpg.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2001, Jarkko Hietaniemi
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_u32align: Compile cat rm_try Oldconfig run i_stdlib \
byteorder u32type Myread Setvar u8type signal_t
?MAKE: -pick add $@ %<
?S:d_u32align:
?S: This variable tells whether you must access character data
?S: through U32-aligned pointers.
?S:.
?C:U32_ALIGNMENT_REQUIRED:
?C: This symbol, if defined, indicates that you must access
?C: character data through U32-aligned pointers.
?C:.
?H:%<:#ifndef U32_ALIGNMENT_REQUIRED
?H:%<:#$d_u32align U32_ALIGNMENT_REQUIRED /**/
?H:%<:#endif
?H:.
?F:!try
: Checking 32bit alignedness
$cat
<<EOM

```

Checking to see whether you can access character data unalignedly...

```

EOM
case "$d_u32align" in
") $cat >try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#define U32 $u32type
#define BYTEORDER 0x$byteorder
#define U8 $u8type
#include <signal.h>
#ifdef SIGBUS
$signal_t bleetch(int s) { exit(4); }
#endif
int main() {
#if BYTEORDER == 0x1234 || BYTEORDER == 0x4321

```

```

volatile U8 buf[8];
volatile U32 *up;
int i;

if (sizeof(U32) != 4) {
printf("sizeof(U32) is not 4, but %d\n", sizeof(U32));
exit(1);
}

fflush(stdout);

#ifdef SIGBUS
signal(SIGBUS, blech);
#endif

buf[0] = 0;
buf[1] = 0;
buf[2] = 0;
buf[3] = 1;
buf[4] = 0;
buf[5] = 0;
buf[6] = 0;
buf[7] = 1;

for (i = 0; i < 4; i++) {
up = (U32*)(buf + i);
if (!( (*up == 1 << (8*i)) || /* big-endian */
      (*up == 1 << (8*(3-i))) /* little-endian */
      )
    )
{
printf("read failed (%x)\n", *up);

exit(2);
}
}

/* write test */
for (i = 0; i < 4; i++) {
up = (U32*)(buf + i);
*up = 0xBeef;
if (*up != 0xBeef) {
printf("write failed (%x)\n", *up);
exit(3);
}
}

exit(0);

```

```

#else
    printf("1\n");
    exit(1);
#endif
    return 0;
}
EOCP
set try
if eval $compile_ok; then
    echo "(Testing for character data alignment may crash the test. That's okay.)" >&4
    $run ./try 2>&1 >/dev/null
    case "$?" in
    0) cat >&4 <<EOM
You can access character data pretty unalignedly.
EOM
    d_u32align="$undef"
    ;;
    *) cat >&4 <<EOM
It seems that you must access character data in an aligned manner.
EOM
    d_u32align="$define"
    ;;
    esac
else
rp='Can you access character data at unaligned addresses?'
dflt='n'
./myread
case "$ans" in
[yY]*) d_u32align="$undef" ;;
*) d_u32align="$define" ;;
    esac
fi
$rm_try
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_u32align.U

```

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?RCS:

?MAKE:d_fma: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fma:

?S: This variable conditionally defines the HAS_FMA symbol, which

?S: indicates to the C program that the fma() routine is available.

?S:.

?C:HAS_FMA:

?C: This symbol, if defined, indicates that the fma routine is

?C: available to do the multiply-add function.

?C:.

?H:#\$d_fma HAS_FMA /**/

?H:.

?LINT:set d_fma

: see if fma exists

set fma d_fma

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fma.U

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:siteman1dir siteman1direxp install:siteman1dir: Getfile \

Setprefixvar prefix siteprefix man1dir sed

?MAKE: -pick add \$@ %<

?Y:TOP

?D:siteman1dir="

?S:siteman1dir:

?S: This variable contains the name of the directory in which site-specific

?S: manual source pages are to be put. It is the responsibility of the

?S: Makefile.SH to get the value of this into the proper command.

?S: You must be prepared to do the ~name expansion yourself.

?S: The standard distribution will put nothing in this directory.

?S: After perl

has been installed, users may install their own local

?S: man1 pages in this directory with

?S: MakeMaker Makefile.PL

?S: or equivalent. See INSTALL for details.

?S:.

?D:siteman1direxp="

?S:siteman1direxp:

?S: This variable is the same as the siteman1dir variable, but is filename

?S: expanded at configuration time, for convenient use in makefiles.

?S:.

?D:installsiteman1dir="

?S:installsiteman1dir:

?S: This variable is really the same as siteman1direxp, unless you are using

?S: AFS in which case it points to the read/write location whereas

?S: man1direxp only points to the read-only access location. For extra

?S: portability, you should only use this variable within your makefiles.

?S:.

?LINT:change prefixvar

?LINT:set installsiteman1dir

?LINT:set siteman1dir

?LINT:set siteman1direxp

: determine where add-on manual pages go

case "\$siteman1dir" in

") dflt=`echo \$man1dir | \$sed "s#^\$prefix#\$siteprefix#"` ;;

*) dflt=\$siteman1dir ;;

esac

case "\$dflt" in

"|' ') dflt=none ;;

esac

fn=dn+~

rp='Pathname

where the site-specific manual pages should be installed?'

./getfile

prefixvar=siteman1dir

./setprefixvar

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/siteman1dir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: models.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: models.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 16:13:17 ram

?RCS: patch61: added ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.1 1993/08/25 14:02:39 ram

?RCS: patch6: added default for large
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:17 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:models split small medium large huge: test cat Myread sysman Oldconfig \
Loc contains rm
?MAKE: -pick add \$@ %<
?S:models:
?S: This variable contains
the list of memory models supported by this
?S: system. Possible component values are none, split, unsplit, small,
?S: medium, large, and huge. The component values are space separated.
?S:.
?S:split:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to produce a program that will run in separate I and D space, for those
?S: machines that support separation of instruction and data space. It is
?S: up to the Makefile to use this.
?S:.
?S:small:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to produce a program running with a small memory model. It is up to
?S: the Makefile to use this.
?S:.
?S:medium:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to produce a program running with a medium memory model. If the
?S: medium model is not supported, contains the flag to produce large
?S: model programs. It is up to the Makefile to use this.
?S:.
?S:large:
?S: This variable contains a flag
which will tell the C compiler and loader
?S: to produce a program running with a large memory model. It is up to
?S: the Makefile to use this.
?S:.
?S:huge:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to produce a program running with a huge memory model. If the
?S: huge model is not supported, contains the flag to produce large
?S: model programs. It is up to the Makefile to use this.
?S:.
?T:unsplit tans modelcc
?F:!pdp11
?D:large=""
?LINT:extern cc
: see what memory models we can support

```
case "$models" in
```

```
")
```

?X: We may not use Cppsym or we get a circular dependency through cc.

?X: But this should work regardless of which cc we eventually use.

```
$cat >pdp11.c <<'EOP'
```

```
int main() {
```

```
#ifdef pdp11
```

```
exit(0);
```

```
#else
```

```
exit(1);
```

```
#endif
```

```
}
```

```
EOP
```

?X: Run cc in a subshell in case they don't have a 'cc' command.

?X: Presumably they do have gcc or something.

```
case "$cc" in
```

```
") modelcc="$cc" ;;
```

```
*) modelcc="cc" ;;
```

```
esac
```

```
( $modelcc -o pdp11 pdp11.c ) >/dev/null 2>&1
```

```
if
```

```
$test -f pdp11 && ./pdp11 2>/dev/null; then
```

```
  dflt='unsplit split'
```

```
else
```

```
tans=`./loc . X /lib/small /lib/large /usr/lib/small /usr/lib/large /lib/medium /usr/lib/medium /lib/huge`
```

```
case "$tans" in
```

```
X) dflt='none';;
```

```
*) if $test -d /lib/small || $test -d /usr/lib/small; then
```

```
  dflt='small'
```

```
else
```

```
  dflt="
```

```
fi
```

```
if $test -d /lib/medium || $test -d /usr/lib/medium; then
```

```
  dflt="$dflt medium"
```

```
fi
```

```
if $test -d /lib/large || $test -d /usr/lib/large; then
```

```
  dflt="$dflt large"
```

```
fi
```

```
if $test -d /lib/huge || $test -d /usr/lib/huge; then
```

```
  dflt="$dflt huge"
```

```
fi
```

```
esac
```

```
fi;;
```

```
*) dflt="$models";;
```

```
esac
```

```
$cat <<EOM
```

Some systems have different model sizes. On most systems they are called

small, medium, large, and huge. On the PDP11 they are called unsplit and split. If your system doesn't support different memory models, say "none". If you wish to force everything to one memory model, say "none" here and put the appropriate flags later when it asks you for other cc and ld flags.

Venix systems may wish to put "none" and let the compiler figure things out. (In the following question multiple model names should be space separated.)

The default for most systems is "none".

EOM

```
rp="Which memory models are supported?"
```

```
./myread
```

```
models="$ans"
```

```
case "$models" in
```

```
none)
```

```
small="
```

```
medium="
```

```
large="
```

```
huge="
```

```
unsplit="
```

```
split="
```

```
::
```

```
*split)
```

```
case "$split" in
```

```
") if $contains \-i' $sysman/ld.1 >/dev/null 2>&1 || \
```

```
  $contains \-i' $sysman/cc.1 >/dev/null 2>&1; then
```

```
  dflt='-i'
```

```
else
```

```
  dflt='none'
```

```
fi;;
```

```
*) dflt="$split";;
```

```
esac
```

```
rp="What flag indicates separate I and D space?"
```

```
./myread
```

```
tans="$ans"
```

```
case "$tans" in
```

```
none) tans="";;
```

```
esac
```

```
split="$tans"
```

```
unsplit="";;
```

```
*large*|*small*|*medium*|*huge*)
```

```
case "$models" in
```

```
*large*)
```

```
case "$large" in
```

```
") dflt='-M!';;
```

```
*) dflt="$large";;
```

```

esac
rp="What flag indicates large model?"
. ./myread
tans="$ans"
case "$tans" in
none) tans="";
esac
large="$tans";;
*) large="";;
esac
case "$models"
in
*huge*) case "$huge" in
") dflt='-Mh';;
*) dflt="$huge";;
esac
rp="What flag indicates huge model?"
. ./myread
tans="$ans"
case "$tans" in
none) tans="";
esac
huge="$tans";;
*) huge="$large";;
esac
case "$models" in
*medium*) case "$medium" in
") dflt='-Mm';;
*) dflt="$medium";;
esac
rp="What flag indicates medium model?"
. ./myread
tans="$ans"
case "$tans" in
none) tans="";
esac
medium="$tans";;
*) medium="$large";;
esac
case "$models" in
*small*) case "$small" in
") dflt='none';;
*) dflt="$small";;
esac
rp="What flag indicates small model?"
. ./myread
tans="$ans"
case "$tans" in

```

```

none) tans="";
esac
small="$stans";;
*) small="";;
esac
;;
*)
echo "Unrecognized memory models--you may have to edit Makefile.SH" >&4
;;
esac
$rm -f pdp11.* pdp11

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/models.U

```

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?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_atanh: Inlibc

?MAKE: -pick add \$@ %<

?S:d_atanh:

?S: This variable conditionally defines the HAS_ATANH symbol, which

?S: indicates to the C program that the atanh() routine is available.

?S:.

?C:HAS_ATANH:

?C: This symbol, if defined, indicates that the atanh routine is

?C: available to do the inverse hyperbolic tangent function.

?C:.

?H:#\$d_atanh HAS_ATANH /**/

?H:.

?LINT:set d_atanh

: see if atanh exists

set atanh d_atanh

eval \$inlibc

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_atanh.U

```

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_llroundl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_llroundl:

?S: This variable conditionally defines the HAS_LLROUNDL symbol, which
?S: indicates to the C program that the llroundl() routine is available
?S: to return the long long value nearest to x away from zero.
?S:.
?C:HAS_LLROUNDL:
?C: This symbol, if defined, indicates that the llroundl routine is
?C: available to return the nearest long long value away from zero of
?C: the long double argument value.
?C:.
?H:#\$d_llroundl HAS_LLROUNDL /**/
?H:.
?LINT:set d_llroundl
: see if llroundl exists
set llroundl d_llroundl
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_llroundl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_setsent.U,v 3.0 1993/08/18 12:06:09 ram Exp \$
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: d_setsent.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setsent: Inlibc
?MAKE: -pick add \$@ %<
?S:d_setsent:
?S: This variable conditionally defines HAS_SETSERVENT if setservent() is
?S: available.
?S:.
?C:HAS_SETSERVENT:
?C: This symbol, if defined, indicates that the setservent() routine is
?C: available.
?C:.
?H:#\$d_setsent HAS_SETSERVENT /**/
?H:.
?LINT:set d_setsent

: see if setservent exists

set

setservent d_setsent

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setsent.U

No license file was found, but licenses were detected in source scan.

/*

* \$Id: getopt.C,v 3.0.1.1 1994/01/24 13:58:40 ram Exp ram \$

*

* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

*

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* as specified in the README file that comes with the distribution.

* You may reuse parts of this distribution only within the terms of

* that same Artistic Licence; a copy of which may be found at the root

* of the source tree for dist 4.0.

*

* Original Author: unknown, got this off net.sources

*

* \$Log: getopt.C,v \$

* Revision 3.0.1.1 1994/01/24 13:58:40 ram

* patch16: created

*

*/

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/getopt.C

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998, Jarkko Hietaniemi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:i_syssecre: Inhdr

?MAKE: -pick add \$@ %<

?S:i_syssecre:

?S: This variable conditionally defines the I_SYS_SECURITY symbol,

?S: and indicates whether a C program should include <sys/security.h>.

?S:.

?C:I_SYS_SECURITY:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <sys/security.h>.

?C:.

?H:#\$i_syssecre I_SYS_SECURITY /**/

?H:.

?LINT:set i_syssecre

: see if sys/security.h is available

set sys/security.h i_syssecre

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/i_syssecre.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?RCS: \$Log: d_keepsig.U,v \$

?RCS: Revision 3.0.1.4 1995/07/25 13:57:56 ram

?RCS: patch56: made cc and ccflags optional dependencies

?RCS:

?RCS: Revision 3.0.1.3 1995/01/11 15:26:25 ram

?RCS: patch45: protected "sh -c" within backquotes for Linux and SGI

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 16:13:59 ram

?RCS: patch36: call ./bsd explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0.1.1 1993/10/16 13:48:47 ram

?RCS: patch12: comment for SIGNALS_KEPT was the other way round

?RCS:

?RCS:

Revision 3.0 1993/08/18 12:06:26 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_keepsig: cat Compile rm Guess contains echo n c Setvar run

?MAKE:-pick add \$@ %<

?S:d_keepsig:

?S: This variable contains the eventual value of the SIGNALS_KEPT symbol,
 ?S: which indicates to the C program if signal handlers need not reinstated
 ?S: after receipt of a signal.
 ?S:.
 ?C:SIGNALS_KEPT (PERSISTENT_SIGNAL):
 ?C: This symbol is defined if signal handlers needn't be reinstated after
 ?C: receipt of a signal.
 ?C:.
 ?H:#\$d_keepsig SIGNALS_KEPT /**/
 ?H:.
 ?F:!try !try.out
 ?LINT:set d_keepsig
 : see if signals are kept
 val="\$undef";
 echo " "
 echo "Checking to see if signal handlers stick around..." >&4
 \$cat >try.c <<'EOCP'
 foo() {}

 int main()
 {
 signal(2, foo);
 kill(getpid(), 2);
 kill(getpid(), 2);
 printf("abc\n");
 }
 EOCP
 set try
 if eval \$compile; then
 ?X: On AIX a single ./try will not work (with ksh)
 ?X: Backquotes required on Linux and SGI (prevents "ambiguous output redirect")
 ?X:
 (reported by Xavier LeVourch <xavierl@eiffel.com>)
 echo `sh -c \$run ./try >try.out 2>/dev/null` >/dev/null
 if \$contains abc try.out >/dev/null 2>&1; then
 echo "Yes, they do."
 val="\$define";
 else
 echo "No, they don't."
 fi
 else
 \$echo \$n "(I can't seem to compile the test program. Assuming \$c"
 if ./bsd; then
 echo "they do.)"
 val="\$define"
 else
 echo "they don't.)"
 fi

```
fi
set d_keepsig
eval $setvar
$rm -f try*
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_keepsig.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?RCS: \$Log: randbits.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:19:29 ram

?RCS: patch61: added <unistd.h> and <stdlib.h> to the C program test

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:38 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit has been somewhat made obsolete with creation of the

?X: randfunc function (which finds out how to generate random

?X: numbers between 0 and 1.

?X:

?MAKE:randbits: cat rm Myread cc i_unistd i_stdlib

?MAKE: -pick add \$@ %<

?S:randbits:

?S: This

variable contains the eventual value of the RANDBITS symbol,

?S: which indicates to the C program how many bits of random number

?S: the rand() function produces.

?S:.

?C:RANDBITS:

?C: This symbol contains the number of bits of random number the rand()

?C: function produces. Usual values are 15, 16, and 31.

?C:.

?H:#define RANDBITS \$randbits /**/

?H:.

: check for size of random number generator

echo " "

```

case "$randbits" in
")
echo "Checking to see how many bits your rand function produces..." >&4
$cat >try.c <<EOCP
#$i_unistd I_UNISTD
#$i_stdlib I_STDLIB
#include <stdio.h>
#ifdef I_UNISTD
# include <unistd.h>
#endif
#ifdef I_STDLIB
# include <stdlib.h>
#endif
EOCP
$cat >>try.c <<'EOCP'
int main()
{
register int i;
register unsigned long tmp;
register unsigned long max = 0L;

for (i = 1000; i; i--) {
tmp = (unsigned long)rand();
if (tmp > max) max = tmp;
}
for (i = 0; max; i++)
max /= 2;
printf("%d\n",i);
}
EOCP
if $cc -o try try.c >/dev/null 2>&1 ; then
dflt=`try`
else
dflt='?'
echo
"(I can't seem to compile the test program...)"
fi
;;
*)
dflt="$randbits"
;;
esac
rp='How many bits does your rand() function produce?'
./myread
randbits="$ans"
$rm -f try.c try

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/randbits.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_drاند48_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_drاند48_r drاند48_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_stdlib extern_C
?MAKE:-pick add $@ %<
?S:d_drاند48_r:
?S: This variable conditionally defines the HAS_DRAND48_R symbol,
?S: which indicates to the C program that the drاند48_r()
?S: routine is available.
?S:.
?S:drاند48_r_proto:
?S: This variable encodes the prototype of drاند48_r.
?S: It is zero if d_drاند48_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_drاند48_r
?S: is defined.
?S:.
?C:HAS_DRAND48_R:
?C: This symbol, if defined, indicates that the drاند48_r routine
?C: is available to drاند48 re-entrantly.
?C:.
?C:DRAND48_R_PROTO:
?C: This
symbol encodes the prototype of drاند48_r.
?C: It is zero if d_drاند48_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_drاند48_r
?C: is defined.
?C:.
?H:#$d_drاند48_r HAS_DRAND48_R /**/
?H:#define DRAND48_R_PROTO $drاند48_r_proto /**/
?H:.
?T:try hdrs d_drاند48_r_proto
: see if drاند48_r exists
set drاند48_r d_drاند48_r
eval $inlibc
case "$d_drاند48_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_stdlib stdlib.h"
case "$d_drاند48_r_proto:$usethreads" in
```

```

":define") d_drاند48_r_proto=define
set d_drاند48_r_proto drاند48_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_drاند48_r_proto" in
define)
case "$drاند48_r_proto" in
"|0) try='int drاند48_r(struct drاند48_data*, double*);'
./protochk "$extern_C $try" $hdrs && drاند48_r_proto=I_ST ;;
esac
case "$drاند48_r_proto" in
"|0) d_drاند48_r=undef
drاند48_r_proto=0
echo "Disabling drاند48_r, cannot determine prototype." >&4 ;;
*) case
"$drاند48_r_proto" in
REENTRANT_PROTO*) ;;
*) drاند48_r_proto="REENTRANT_PROTO_$drاند48_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susethreads" in
define) echo "drاند48_r has no prototype, not using it." >&4 ;;
esac
d_drاند48_r=undef
drاند48_r_proto=0
;;
esac
;;
*) drاند48_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_drاند48_r.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setprior.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
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```
?RCS: as specified in the README file that comes with the distribution.
```

```
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```

```
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```

?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_setprior.U,v \$
?RCS: Revision 3.0 1993/08/18 12:07:11 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setprior: Inlibc
?MAKE: -pick add \$@ %<
?S:d_setprior:
?S: This variable conditionally defines HAS_SETPRIORITY if setpriority()
?S: is available to set a process's priority.
?S:.
?C:HAS_SETPRIORITY (SETPRIORITY):
?C: This symbol, if defined, indicates that the setpriority routine is
?C: available to set a process's priority.
?C:.
?H:#\$d_setprior
HAS_SETPRIORITY /**/
?H:.
?LINT:set d_setprior
: see if setpriority exists
set setpriority d_setprior
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setprior.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_setruid.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_setruid.U,v \$
?RCS: Revision 3.0 1993/08/18 12:07:15 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setruid: Inlibc
?MAKE: -pick add \$@ %<
?S:d_setruid:
?S: This variable conditionally defines the HAS_SETRUID symbol, which
?S: indicates to the C program that the setruid() routine is available

?S: to change the real uid of the current program.

?S:.

?C:HAS_SETRUID (SETRUID):

?C: This symbol, if defined, indicates that the setruid routine is available

?C: to change the real uid of the current program.

?C:.

?H:#\$d_setruid HAS_SETRUID /**/

?H:.

?LINT:set d_setruid

: see if setruid exists

set setruid d_setruid

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setruid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_sigaction.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:44:29 ram

?RCS: patch61: created

?RCS:

?RCS:

?MAKE:d_sigaction: Csym Setvar cat cc cflags ldflags libs rm _o

?MAKE: -pick add \$@ %<

?S:d_sigaction:

?S: This variable conditionally defines the HAS_SIGACTION symbol, which

?S: indicates that the Vr4 sigaction() routine is available.

?S:.

?C:HAS_SIGACTION:

?C: This symbol, if defined, indicates that Vr4's sigaction() routine

?C: is available.

?C:.

?H:#\$d_sigaction HAS_SIGACTION /**/

?H:.

?T:val

?LINT:set


```

d_sigaction
: see if we have sigaction
echo " "
if set sigaction val -f d_sigaction; eval $csym; $val; then
echo 'sigaction() found.' >&4
val="$define"
else
echo 'sigaction NOT found.' >&4
val="$undef"
fi
?X:
?X: Solaris 2.5_x86 with SunWorks Pro C 3.0.1 doesn't have a complete
?X: sigaction structure if compiled with cc -Xc. This compile test
?X: will fail then. <doughera@lafcol.lafayette.edu>
?X:
$cat > set.c <<'EOP'
#include <stdio.h>
#include <sys/types.h>
#include <signal.h>
int main()
{
    struct sigaction act, oact;
}
EOP
if $cc $ccflags $ldflags -o set set.c $libs >/dev/null 2>&1; then
:
else
echo "But you don't seem to have a useable struct sigaction." >&4
val="$undef"
fi
set d_sigaction; eval $setvar
$rm -f set set$_o set.c

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sigaction.U
```

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?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:longdblmanbits doublemantbits nvmantbits: Inlibc cat Compile run \

rm_try Setvar echo i_sunmath usequadmath \

d_longdbl longdblkind nvsizel doublessize longdblsize

?MAKE: -pick add \$@ %<

?S:doublemantbits:

?S: This symbol, if defined, tells how many mantissa bits

?S: there are in double precision floating point format.

?S: Note that this is usually DBL_MANT_DIG minus one, since

?S: with the standard IEEE 754 formats DBL_MANT_DIG includes

?S: the implicit bit which doesn't really exist.

?S:.

?S:longdblmantbits:

?S: This symbol, if defined, tells how many mantissa bits

?S: there are in long double precision floating point format.

?S: Note that this can be LDBL_MANT_DIG minus one,

?S: since

LDBL_MANT_DIG can include the IEEE 754 implicit bit.

?S: The common x86-style 80-bit long double does not have

?S: an implicit bit.

?S:.

?S:nvmantbits:

?S: This variable tells how many bits the mantissa of a Perl NV has,

?S: not including the possible implicit bit.

?S:.

?C:DOUBLEMANTBITS:

?C: This symbol, if defined, tells how many mantissa bits

?C: there are in double precision floating point format.

?C: Note that this is usually DBL_MANT_DIG minus one, since

?C: with the standard IEEE 754 formats DBL_MANT_DIG includes

?C: the implicit bit, which doesn't really exist.

?C:.

?C:LONGDBLMANTBITS:

?C: This symbol, if defined, tells how many mantissa bits

?C: there are in long double precision floating point format.

?C: Note that this can be LDBL_MANT_DIG minus one,

?C: since LDBL_MANT_DIG can include the IEEE 754 implicit bit.

?C: The common x86-style 80-bit long double does not have

?C: an implicit bit.

?C:.

?C:NVMANTBITS:

?C: This symbol, if defined, tells how many mantissa bits

?C: (not

including implicit bit) there are in a Perl NV.

?C: This depends on which floating point type was chosen.

?C:.

?H:#define DOUBLEMANTBITS \$doublemantbits

?H:#define LONGDBLMANTBITS \$longdblmantbits

?H:#define NVMANTBITS \$nvmantbits

?H:.

?F:!try

: Check the length of the double mantissa

```

$echo "Checking how many mantissa bits your doubles have..." >&4
$cat >try.c <<EOP
#$_sunmath I_SUNMATH
#include <float.h>
#ifdef I_SUNMATH
# include <sunmath.h>
#endif
#ifdef DBL_MANT_DIG
# define BITS (DBL_MANT_DIG - 1) /* the implicit bit does not count */
#endif
#include <stdio.h>
int main(int argc, char *argv[]) {
#ifdef BITS
printf("%d\n", BITS);
#endif
return 0;
}
EOP
set try
if eval $compile; then
doublemantbits=`$run ./try`
else
doublemantbits="$undef"
fi
$rm_try

```

: Check the length of the longdouble mantissa

```

$echo "Checking how many mantissa bits your long doubles have..." >&4
$cat >try.c <<EOP
#$_sunmath I_SUNMATH
#include <float.h>
#ifdef I_SUNMATH
# include <sunmath.h>
#endif
#$_d_longdbl
HAS_LONG_DOUBLE
#if defined(HAS_LONG_DOUBLE) && defined(LDBL_MANT_DIG)
# if ($longdblkind == 3) || ($longdblkind == 4) /* 80-bit extended precision */
/* This format has no implicit bit. Beware, however, that for
* this format the bare LDBL_MANT_DIG is misleading for inf/nan:
* the top three bits are used for inf (100) / qnan (11x) / snan (101),
* and the top bit must have been one since 387, zero is plain invalid.
* For normal fp values, the LDBL_MANT_DIG is fine, though. */
# define BITS LDBL_MANT_DIG
# elif ($longdblkind == 5 || $longdblkind == 6 || $longdblkind == 7 || $longdblkind == 8) /* double double */
/* LDBL_MANT_DIG of 106 (twice 53) would be logical, but for some
* reason e.g. Irix thinks 107. But in any case, we want only
* the number of real bits, the implicit bits are of no interest. */

```

```

# define BITS 2 * (DBL_MANT_DIG - 1)
# else
# define BITS (LDBL_MANT_DIG - 1) /* the implicit bit does not count */
# endif
#endif
#include <stdio.h>
int
main(int argc, char *argv[]) {
#ifdef BITS
printf("%d\n", BITS);
#endif
return 0;
}
EOP
set try
if eval $compile; then
    longdblmanbits=`$run ./try`
else
    longdblmanbits="$undef"
fi
$rm_try

```

: Check the length of the NV mantissa

```
$echo "Checking how many mantissa bits your NVs have..." >&4
```

```
if test "X$susequadmath" = "X$define"; then
```

```
    nvmantbits=112 # 128-1-15
```

```
else
```

```
    if test "X$nvsize" = "X$doublesize"; then
```

```
        nvmantbits="$doublemantbits"
```

```
    else
```

```
        if test "X$nvsize" = "X$longdblsize"; then
```

```
            nvmantbits="$longdblmanbits"
```

```
        else
```

```
            nvmantbits="$undef"
```

```
        fi
```

```
    fi
```

```
fi
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/mantbits.U
```

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?RCS:

?MAKE:d_strtoll: Inlibc d_longlong Compile cat run

?MAKE: -pick add \$@ %<

?S:d_strtoll:

?S: This variable conditionally defines the HAS_STRTOLL symbol, which

?S: indicates to the C program that the strtoll() routine is available.

?S:.

?C:HAS_STRTOLL:

?C: This symbol, if defined, indicates that the strtoll routine is

?C: available to convert strings to long longs.

?C:.

?H:#\$d_strtoll HAS_STRTOLL /**/

?H:.

?T:yyy

?F:!try

: see if strtoll exists

set strtoll d_strtoll

eval \$inlibc

case "\$d_longlong-\$d_strtoll" in

"\$define-\$define")

\$cat <<EOM

Checking whether your strtoll() works okay...

EOM

\$cat >try.c <<'EOCP'

#include <errno.h>

#ifdef __hpux

#define strtoll __strtoll

#endif

#ifdef __EMX__

#define strtoll

__strtoll

#endif

#include <stdio.h>

extern long long int strtoll(char *s, char **, int);

static int bad = 0;

int check(char *s, long long ell, int een) {

long long gll;

errno = 0;

gll = strtoll(s, 0, 10);

if (!(gll == ell) && (errno == een))

bad++;

}

int main() {

check(" 1", 1LL, 0);

check(" 0", 0LL, 0);

check("-1", -1LL, 0);

```

check("-9223372036854775808", -9223372036854775808LL, 0);
check("-9223372036854775808", -9223372036854775808LL, 0);
check(" 9223372036854775807", 9223372036854775807LL, 0);
check("-9223372036854775808", -9223372036854775808LL, 0);
check(" 9223372036854775808", 9223372036854775807LL, ERANGE);
check("-9223372036854775809", -9223372036854775808LL, ERANGE);
if (!bad)
    printf("ok\n");
}

```

EOCP

```

set try
if eval $compile; then
    yyy=`$run ./try`
    case "$yyy" in
        ok) echo "Your strtoll() seems to be working okay." ;;
        *) cat <<EOM >&4

```

Your

strtoll() doesn't seem to be working okay.

EOM

```

    d_strtoll="$undef"
    ;;
esac
else
    echo "(I can't seem to compile the test program--assuming it doesn't)"
    d_strtoll="$undef"
fi
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtoll.U

```

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_syscallproto: Hasproto i_unistd

?MAKE: -pick add \$@ %<

?S:d_syscallproto:

?S: This variable conditionally defines the HAS_SYSCALL_PROTO symbol,

?S: which indicates to the C program that the system provides

?S: a prototype for the syscall() function. Otherwise, it is

?S: up to the program to supply one.

?S:.

?C:HAS_SYSCALL_PROTO:

?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the syscall() function. Otherwise, it is up

?C: to the program to supply one. Good guesses are

?C: extern

int syscall(int, ...);

?C: extern int syscall(long, ...);

?C:.

?H:#\$d_syscallproto HAS_SYSCALL_PROTO /**/

?H:.

?LINT:set d_syscallproto

: see if prototype for syscall is available

echo " "

set d_syscallproto syscall \$i_unistd unistd.h

eval \$hasproto

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_syscallproto.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: spitshell.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

?RCS: \$Log: spitshell.U,v \$

?RCS: Revision 3.0.1.4 1997/02/28 16:22:12 ram

?RCS: patch61: removed useless chatter as this is now done very early

?RCS:

?RCS: Revision 3.0.1.3 1995/01/11 15:37:01 ram

?RCS: patch45: use 'test -f' instead of 'test -r' for exec-only cat progs (WED)

?RCS: patch45: protected "sh -c" within backquotes for Linux and SGI

?RCS:

?RCS: Revision 3.0.1.2 1994/08/29 16:33:00 ram

?RCS: patch32: don't create spitshell under the UU directory

?RCS:

patch32: allow for cat in /bin or /usr/bin

?RCS:

```

?RCS: Revision 3.0.1.1 1993/09/13 16:12:58 ram
?RCS: patch10: made #-failure message more friendly (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:49 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:spitshell shsharp sharpbang: eunicefix sh Head
?MAKE: -pick add $@ %<
?S:spitshell:
?S: This variable contains the command necessary to spit out a runnable
?S: shell on this system. It is either cat or a grep -v for # comments.
?S:.
?S:shsharp:
?S: This variable tells further Configure units whether your sh can
?S: handle # comments.
?S:.
?S:sharpbang:
?S: This variable contains the string #! if this system supports that
?S: construct.
?S:.
?F:!sharp
?T:xcat p
?X: "paths" comes from Head
?LINT:extern paths _exe
: see if sh knows # comments
?X: This is loaded up early, so avoid being chatty.
?X: echo " "
?X: echo "Checking your $sh to see if it knows about # comments..." >&2
if ` $sh -c '# ' >/dev/null 2>&1 `; then
?X: echo
"Your $sh handles # comments correctly."
shsharp=true
spitshell=cat
?X: echo " "
?X: echo "Okay, let's see if #! works on this system..."
xcat=/bin/cat
test -f $xcat$_exe || xcat=/usr/bin/cat
if test ! -f $xcat$_exe; then
for p in `echo $PATH | sed -e "s/$p_/ /g"` $paths; do
if test -f $p/cat$_exe; then
xcat=$p/cat
break
fi
done
if test ! -f $xcat$_exe; then
echo "Can't find cat anywhere!"
exit 1
fi

```



```

fi
echo "#!$xcat" >sharp
$unicefix sharp
chmod +x sharp
./sharp > today 2>/dev/null
if test -s today; then
?X: echo "It does."
  sharpbang=#!'
else
echo "#! $xcat" > sharp
$unicefix sharp
chmod +x sharp
./sharp > today 2>/dev/null
if test -s today; then
?X: echo "It does."
  sharpbang=#! '
else
?X: echo "Okay, let's see if #! works on this system..."
?X: echo "It's just a comment."
  sharpbang=: use '
fi
fi
else
echo " "
echo "Your $sh doesn't grok # comments--I will strip them later on."
shsharp=false
?X: The
spitshell script will be perused, so leave it out the UU directory
cd ..
echo "exec grep -v '^[ ]*#' >spitshell
chmod +x spitshell
$unicefix spitshell
spitshell=`pwd`/spitshell
cd UU
echo "I presume that if # doesn't work, #! won't work either!"
sharpbang=: use '
fi
rm -f sharp today

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/spitshell.U
```

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?RCS:

?X: This unit generates a \$hasstruct string that is used internally

?X: by Configure to check if this system has a field for a

?X: particular struct (of if this system has a particular struct!)

?X:

?X: To use it, say something like:

?X: set d_statblocks stat i_sysstat sys/stat.h

?X: eval \$hasstruct

?X: Or, for more complicated sets of headers, do something like

?X: hdrs="\$define sys/foo.h

?X: \$i_sysbar sys/bar.h

?X: \$i_syszot sys/zot.h

?X: \$i_zappa zappa.h"

?X: set d_statblocks stat \$hdrs

?X: eval \$hasstruct

?X:

?MAKE:Hasstruct: Setvar rm_try test Compile

?MAKE: -pick add \$@ %<

?T:varname struct

?V:hasstruct

: Define hasstruct macro for Configure internal use

```
hasstruct='varname=$1; struct=$2; shift;
```

```
shift;
```

```
while $test $# -ge 2; do
```

```
case "$1" in
```

```
$define) echo "#include <$2>";;
```

```
esac ;
```

```
shift 2;
```

```
done > try.c;
```

```
echo "int main () { struct $struct foo; }" >> try.c;
```

```
set try;
```

```
if eval $compile; then
```

```
val="$define";
```

```
else
```

```
val="$undef";
```

```
fi;
```

```
set $varname;
```

```
eval $setvar;
```

```
$rm_try'
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/Hasstruct.U

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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_sigprocmask: Inlibc
?MAKE: -pick add \$@ %<
?S:d_sigprocmask:
?S: This variable conditionally defines HAS_SIGPROCMASK
?S: if sigprocmask() is available to examine or change the signal mask
?S: of the calling process.
?S:.
?C:HAS_SIGPROCMASK:
?C: This symbol, if defined, indicates that the sigprocmask
?C: system call is available to examine or change the signal mask
?C: of the calling process.
?C:.
?H:#\$d_sigprocmask HAS_SIGPROCMASK /**/
?H:.
?LINT:set d_sigprocmask
: see if sigprocmask exists
set sigprocmask d_sigprocmask
eval
\$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sigprocmask.U

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_setpgrp.U,v \$
?RCS: Revision 3.0.1.3 1997/02/28 15:44:16 ram
?RCS: patch61: obsoleted USE_BSDGRP in favor of USE_BSD_SETPGRP
?RCS: patch61: another unit now also defines a USE_BSD_GETPGRP

```

?RCS: patch61: fallback for test program failure improved
?RCS:
?RCS: Revision 3.0.1.2 1995/07/25 13:59:30 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:15:37 ram
?RCS: patch36: added 'ldflags' to the test compile line (ADO)
?RCS:
patch36: call ./usg explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setpgrp d_bsdsetpgrp: cat rm +cc +libs +ccflags \
+ldflags Inlibc Guess Setvar i_unistd
?MAKE: -pick add $@ %<
?S:d_setpgrp:
?S: This variable conditionally defines HAS_SETPGRP if setpgrp() is
?S: available to set the current process group.
?S:.
?S:d_bsdsetpgrp (d_bsdpggrp):
?S: This variable conditionally defines USE_BSD_SETPGRP if
?S: setpgrp needs two arguments whereas USG one needs none.
?S: See also d_setpgid for a POSIX interface.
?S:.
?C:HAS_SETPGRP (SETPGRP):
?C: This symbol, if defined, indicates that the setpgrp routine is
?C: available to set the current process group.
?C:.
?C:USE_BSD_SETPGRP (USE_BSDPGRP BSDPGRP):
?C: This symbol, if defined, indicates that setpgrp needs two
?C: arguments whereas USG one needs none. See also HAS_SETPGID
?C: for a POSIX interface.
?C:.
?H:#$d_setpgrp HAS_SETPGRP /**/
?H:#$d_bsdsetpgrp
USE_BSD_SETPGRP /**/
?H:.
?F:!set.c !set
?T:xxx
?LINT:set d_setpgrp d_bsdsetpgrp
: see if setpgrp exists
set setpgrp d_setpgrp
eval $inlibc

@if USE_BSD_SETPGRP || d_bsdsetpgrp
case "$d_setpgrp" in
"$define")

```

```

echo " "
echo "Checking to see which flavor of setpgrp is in use..."
$cat >set.c <<EOP
#i_unistd I_UNISTD
#include <sys/types.h>
#ifdef I_UNISTD
# include <unistd.h>
#endif
int main()
{
if (getuid() == 0) {
printf("(I see you are running Configure as super-user...)\n");
setuid(1);
}
#ifdef TRY_BSD_PGRP
if (-1 == setpgrp(1, 1))
exit(0);
#else
if (setpgrp() != -1)
exit(0);
#endif
exit(1);
}
EOP
if $cc -DTRY_BSD_PGRP $ccflags $ldflags -o set set.c $libs >/dev/null 2>&1 && ./set; then
echo 'You have to use setpgrp(pid,pgrp) instead of setpgrp().' >&4
val="$define"
elif $cc $ccflags $ldflags -o set set.c $libs >/dev/null 2>&1 && ./set; then
echo 'You have to use setpgrp() instead of setpgrp(pid,pgrp).' >&4
val="$undef"
else
echo "(I can't
seem to compile and run the test program.)"
if ./usg; then
xxx="a USG one, i.e. you use setpgrp()."
else
# SVR4 systems can appear rather BSD-ish.
case "$i_unistd" in
$undef)
xxx="a BSD one, i.e. you use setpgrp(pid,pgrp)."
val="$define"
;;
$define)
xxx="probably a USG one, i.e. you use setpgrp()."
val="$undef"
;;
esac
fi

```

```

    echo "Assuming your setpgrp is $xxx" >&4
fi
;;
*) val="$undef";;
esac
set d_bsdsetpgrp
eval $setvar
$rm -f set set.c
@end

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setpgrp.U
```

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```

?RCS: $Id: libnlist.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libnlist.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 16:08:02 ram
?RCS: patch61: added usrinc and mips on the dependency line
?RCS: patch61: make sure we call ./mips
?RCS: patch61: added a ?LINT: hint
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:00 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libnlist: Loc libpth Guess usrinc _a
?MAKE: -pick add $@ %<
?S:libnlist (libmld):
?S: This variable contains the name of the library required to
get the
?S: definition of the nlist() function. On a MIPS RISC/OS box, it is -lml.
?S: Under Sys Vr4, it is -lelf. Otherwise, its value is empty.
?S:.
?T:xxx
?LINT:use usrinc
: see if we need a special library for 'nlist()'
echo " "
: How about doing this if nlist is not in libc...
if ./mips ; then

```

```

libnlist='-lmlld'
else
xxx=`./loc libelf$_a x $libpth`
case "$xxx" in
x) ;;
*)
libnlist="$xxx"
;;
esac
fi
case "$libnlist" in
") echo "No special library for nlist() seems necessary." >&4
;;
*) echo "nlist() can be found in $libnlist." >&4
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libnlist.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_arpainet.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_arpainet.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:15 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_arpainet: Inhdr
?MAKE: -pick add $@ %<
?S:i_arpainet:
?S: This variable conditionally defines the I_ARPA_INET symbol,
?S: and indicates whether a C program should include <arpa/inet.h>.
?S:.
?C:I_ARPA_INET:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <arpa/inet.h> to get inet_addr and friends
?C: declarations.
?C:.
?H:#$i_arpainet I_ARPA_INET /**/

```

```
?H:
?LINT:set i_arpainet
: see if arpa/inet.h has to be included
set arpa/inet.h i_arpainet
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_arpainet.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_xdrs.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_xdrs.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:08:04 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_xdrs: cat Csym Setvar
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_xdrs:
```

```
?S: This symbol conditionally defines HAS_XDRS which indicates to the C
```

```
?S: program that XDR serialization routines are available.
```

```
?S:.
```

```
?C:HAS_XDRS (XDRS):
```

```
?C: This symbol if defined indicates to the C program that the XDR
```

```
?C: serialization routines are available to transfer data
```

```
across
```

```
?C: various architectures.
```

```
?C:.
```

```
?H:#$d_xdrs HAS_XDRS /**/
```

```
?H:.
```

```
?LINT:set d_xdrs
```

```
: see if XDR is available
```

```
echo " "
```

```
if set xdr_int val -f d_xdrs; eval $csym; $val; then
```

```
echo "Ahh! You have XDR routines for network communications." >&4
```

```
val="$define"
```

```
else
```

```
$cat >&4 <<EOM
```

```
Sigh! You do not have XDR routines -- Network communications may be hazardous.
```



```
EOM
val="$undef"
fi
set d_xdrs
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_xdrs.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_rint: Inlibc

?MAKE: -pick add \$@ %<

?S:d_rint:

?S: This variable conditionally defines the HAS_RINT symbol, which

?S: indicates to the C program that the rint() routine is available.

?S:.

?C:HAS_RINT:

?C: This symbol, if defined, indicates that the rint routine is

?C: available to return the nearest integral value to x as double

?C: using the current rounding mode.

?C:.

?H:#\$d_rint HAS_RINT /**/

?H:.

?LINT:set d_rint

: see if rint exists

set rint d_rint

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_rint.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getprotby.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_getpbyname d_getpbynumber: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getpbyname:

?S: This variable conditionally defines the HAS_GETPROTOBYNAME

?S: symbol, which indicates to the C program that the
 ?S: getprotobyname() routine is available to look up protocols
 ?S: by their name.
 ?S:.
 ?S:d_getpbynumber:
 ?S: This variable conditionally defines the HAS_GETPROTOBYNUMBER
 ?S: symbol, which indicates to the C program that the
 ?S: getprotobynumber() routine is available to look up protocols
 ?S: by their number.
 ?S:.
 ?C:HAS_GETPROTOBYNAME:
 ?C: This symbol, if defined, indicates that the getprotobyname()
 ?C: routine is available to look up protocols by their name.
 ?C:.
 ?C:HAS_GETPROTOBYNUMBER:
 ?C: This
 symbol, if defined, indicates that the getprotobynumber()
 ?C: routine is available to look up protocols by their number.
 ?C:.
 ?H:#\$d_getpbyname HAS_GETPROTOBYNAME /**/
 ?H:#\$d_getpbynumber HAS_GETPROTOBYNUMBER /**/
 ?H:.
 ?LINT:set d_getpbyname d_getpbynumber
 : Optional checks for getprotobyname and getprotobynumber

```
@if d_getpbyname || HAS_GETPROTOBYNAME
: see if getprotobyname exists
set getprotobyname d_getpbyname
eval $inlibc
@end
```

```
@if d_getpbynumber || HAS_GETPROTOBYNUMBER
: see if getprotobynumber exists
set getprotobynumber d_getpbynumber
eval $inlibc
@end
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getprotby.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_msgctl.U 1 2006-08-24 12:32:52Z rmanfredi \$
 ?RCS:
 ?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
 ?RCS:
 ?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_msgctl.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:38 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_msgctl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_msgctl:

?S: This variable conditionally defines the HAS_MSGCTL symbol, which

?S: indicates to the C program that the msgctl() routine is available.

?S:.

?C:HAS_MSGCTL:

?C: This symbol, if defined, indicates that the msgctl() routine is

?C: available to perform message control operations.

?C:.

?H:#\$d_msgctl

HAS_MSGCTL /**/

?H:.

?LINT:set d_msgctl

: see if msgctl exists

set msgctl d_msgctl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msgctl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getpagsz.U,v 3.0.1.1 1994/10/29 16:13:10 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS:

?RCS: \$Log: d_getpagsz.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:13:10 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:14 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_getpagsz: Compile Oldconfig Myread Inlibc Findhdr
?MAKE: -pick add \$@ %<
?S:d_getpagsz:
?S: This variable conditionally defines HAS_GETPAGESIZE if getpagesize()
?S: is available to get the system page size.
?S:.
?C:HAS_GETPAGESIZE
(GETPAGESIZE):
?C: This symbol, if defined, indicates that the getpagesize system call
?C: is available to get system page size, which is the granularity of
?C: many memory management calls.
?C:.
?H:#\$d_getpagsz HAS_GETPAGESIZE /**/
?H:.
?LINT:set d_getpagsz
: see if getpagesize exists
set getpagesize d_getpagsz
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_getpagsz.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_lrintl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lrintl:

?S: This variable conditionally defines the HAS_LRINTL symbol, which

?S: indicates to the C program that the lrintl() routine is available

?S: to return the integral value closest to a long double (according

?S: to the current rounding mode).

?S:.

?C:HAS_LRINTL:

?C: This symbol, if defined, indicates that the lrintl routine is

?C: available to return the integral value closest to a long double

?C: (according to the current rounding mode).

?C:.

?H:#\$d_lrintl HAS_LRINTL /**/
?H:.

?LINT:set d_lrintl

: see if lrintl exists

set lrintl d_lrintl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lrintl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_popen.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_popen.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:47 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_popen: Inlibc
?MAKE: -pick add \$@ %<
?S:d_popen:
?S: This variable conditionally defines HAS_POPEN if popen() is
?S: available to open a pipe from a process.
?S:.
?C:HAS_POPEN (POPEN):
?C: This symbol, if defined, indicates that the popen routine is
?C: available to open a pipe from a process.
?C:.
?H:#\$d_popen HAS_POPEN /**/
?H:.
?LINT:set
d_popen
: see if popen exists
set popen d_popen
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_popen.U

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2016 Dagfinn Ilmari Mannsker & H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?X:
?X: This unit produces a variable that is intended to be eval'ed in

```

?X: order to define/undefine a symbol. A consistency check is made
?X: regarding any previous value and a warning is issued if there
?X: is any discrepancy.
?X:
?X: To use it, say:
?X: set d_siginfo_si_errno siginfo_t int si_errno $d_sigaction signal.h
?X: eval $hasfield_t;
?X:
?MAKE:Hasfield_t: test Compile rm_try Setvar
?MAKE: -pick add $@ %<
?LINT:define hasfield_t
?S:hasfield_t:
?S: Internal macro for Configure
?S:.
?V:hasfield_t:
?T:varname struct type field
: Define hasfield_t macro for Configure internal use
hasfield_t='varname=$1; struct=$2; type=$3; field=$4; shift; shift; shift; shift;
while $test $# -ge 2; do
    case
"$1" in
$define) echo "#include <$2>";;
    esac ;
    shift 2;
done > try.c;
echo "int main () { $struct foo; $type bar = foo.$field; }" >> try.c;
set try;
if eval $compile; then
    val="$define";
else
    val="$undef";
fi;
set $varname;
eval $setvar;
$rm_try'

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/Hasfield_t.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Loc_sed.U 1 2006-08-24 12:32:52Z rmanfredi $

```

```

?RCS:

```

```

?RCS: Copyright (c) 1996, Andy Dougherty

```

```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

```

```

?RCS:

```

```

?RCS: You may redistribute only under the terms of the Artistic Licence,

```

```

?RCS: as specified in the README file that comes with the distribution.

```

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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

?RCS:

?X: This is used in perl.c.

?MAKE:full_sed: sed

?MAKE: -pick add \$@ %<

?S:full_sed:

?S: This variable contains the full pathname to 'sed', whether or

?S: not the user has specified 'portability'. This is only used

?S: in the compiled C program, and we assume that all systems which

?S: can share this executable will have the same full pathname to

?S: 'sed.'

?S:.

?X: Yes, I know about the C symbol PORTABLE, but I think sed

?X: is

unlikely to move, and I'm too lazy to add all the

?X: #ifdef PORTABLE sections to the perl source.

?X:

?C:LOC_SED:

?C: This symbol holds the complete pathname to the sed program.

?C:.

?H:#define LOC_SED "\$full_sed" /**/

?H:.

: Store the full pathname to the sed program for use in the C program

full_sed=\$sed

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Loc_sed.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_readv: Inlibc

?MAKE: -pick add \$@ %<

?S:d_readv:

?S: This variable conditionally defines the HAS_READV symbol, which

?S: indicates to the C program that the readv() routine is available.

?S:.

?C:HAS_READV:

?C: This symbol, if defined, indicates that the readv routine is

?C: available to do gather reads. You will also need <sys/uio.h>

?C: and there I_SYSUIO.

?C:.

?H:#\$d_readv HAS_READV /**/

?H:.

?LINT:set d_readv

: see if readv exists

set readv d_readv

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_readv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_mkdir.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_mkdir.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:37 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_mkdir: Inlibc

?MAKE: -pick add \$@ %<

?S:d_mkdir:

?S: This variable conditionally defines the HAS_MKDIR symbol, which

?S: indicates to the C program that the mkdir() routine is available

?S: to create directories..

?S:.

?C:HAS_MKDIR (MKDIR):

?C: This symbol, if defined, indicates that the mkdir routine is available

?C: to create directories.

Otherwise you should fork off a new process to

?C: exec /bin/mkdir.

?C:.

?H:#\$d_mkdir HAS_MKDIR /**/

?H:.

?LINT:set d_mkdir

: see if mkdir exists

set mkdir d_mkdir

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mkdir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: nblock_io.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 16:17:14 ram

?RCS: patch61: simplify here document for shells that can't handle them well

?RCS: patch61: force use of "startsh" at the head of the generated script

?RCS: patch61: added new files to the ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.1 1995/07/25 14:13:22 ram

?RCS: patch56: created

?RCS:

?X:

?X: Simplify here document for shells that can't handle them well.

?X: (Problem reported on FreeBSD; it's unclear if this helps.) --AD

?X:

?MAKE:o_nonblock

eagain rd_nodata d_eofnblk: cat rm_try +cc +ccflags +ldflags \

d_open3 h_sysfile h_fcntl signal_t hint Oldconfig Setvar startsh Warn

?MAKE: -pick add \$@ %<

?S:o_nonblock:

?S: This variable bears the symbol value to be used during open() or fcntl()

?S: to turn on non-blocking I/O for a file descriptor. If you wish to switch

?S: between blocking and non-blocking, you may try ioctl(FIOSNBIO) instead,

?S: but that is only supported by some devices.

?S:.

?S:eagain:

?S: This variable bears the symbolic errno code set by read() when no

?S: data is present on the file and non-blocking I/O was enabled (otherwise,

?S: read() blocks naturally).

?S:.

?S:rd_nodata:

?S: This variable holds the return code from read() when no data is

?S: present. It should be -1, but some systems return 0 when O_NDELAY is

?S: used, which is a shame because you cannot make the difference between

?S: no data and an EOF.. Sigh!

?S:.

?S:d_eofnblk:

?S: This variable conditionally defines EOF_NONBLOCK if EOF can be seen

?S: when reading from a non-blocking I/O source.

?S:.

?C:VAL_O_NONBLOCK:

?C: This symbol is to be used during open() or fcntl(F_SETFL) to turn on non-blocking I/O for the file descriptor. Note that there is no way back, i.e. you cannot turn it blocking again this way. If you wish to alternatively switch between blocking and non-blocking, use the ioctl(FIOSNBIO) call instead, but that is not supported by all devices.

?C:.

?C:VAL_EAGAIN:

?C: This symbol holds the errno error code set by read() when no data was present on the non-blocking file descriptor.

?C:.

?C:RD_NODATA:

?C: This symbol holds the return code from read() when no data is present on the non-blocking file descriptor. Be careful! If EOF_NONBLOCK is not defined, then you can't distinguish between no data and EOF by issuing a read(). You'll have to find another way to tell for sure!

?C:.

?C:EOF_NONBLOCK:

?C: This symbol, if defined, indicates to the C program that a read() on a non-blocking file descriptor will return 0 on EOF, and not the value held in RD_NODATA (-1 usually, in that case!).

?C:.

?H:#define VAL_O_NONBLOCK \$o_nonblock

?H:#define VAL_EAGAIN \$again

?H:#define RD_NODATA \$rd_nodata

?H:#\$d_eofnblk EOF_NONBLOCK

?H:.

?F:!try !try.out !try.ret !try.err !mtry

?T:status

?LINT:use d_open3

: check for non-blocking I/O stuff

case "\$h_sysfile" in

true) echo "#include <sys/file.h>" > head.c;;

*)

case "\$h_fcntl" in

true) echo "#include <fcntl.h>" > head.c;;

*) echo "#include <sys/fcntl.h>" > head.c;;

esac

::

esac

echo " "

```

echo "Figuring out the flag used by open() for non-blocking I/O..." >&4
case "$o_nonblock" in
")
$cat head.c > try.c
$cat >>try.c <<'EOCP'
int main() {
#ifdef O_NONBLOCK
printf("O_NONBLOCK\n");
exit(0);
#endif
#ifdef O_NDELAY
printf("O_NDELAY\n");
exit(0);
#endif
?X: Stevens "Advanced Programming in the UNIX Environment" page 364 mentions
?X: the FNDELAY symbol, used in 4.33BSD (source: Paul Marquess).
#ifdef FNDELAY
printf("FNDELAY\n");
exit(0);
#endif
exit(0);
}
EOCP
if
$cc $ccflags $ldflags -o try try.c >/dev/null 2>&1; then
o_nonblock=`./try`
case "$o_nonblock" in
") echo "I can't figure it out, assuming O_NONBLOCK will do.";;
*) echo "Seems like we can use $o_nonblock.";;
esac
else
echo "(I can't compile the test program; pray O_NONBLOCK is right!)"
fi
;;
*) echo "Using $hint value $o_nonblock.";;
esac
$rm_try

echo " "
echo "Let's see what value errno gets from read() on a $o_nonblock file..." >&4
case "$eagain" in
")
$cat head.c > try.c
$cat >>try.c <<'EOCP'
#include <errno.h>
#include <sys/types.h>
#include <signal.h>
#define MY_O_NONBLOCK $o_nonblock

```

```

extern int errno;
$signal_t blech(x) int x; { exit(3); }
EOCP
$cat >> try.c <<'EOCP'
int main()
{
    int pd[2];
    int pu[2];
    char buf[1];
    char string[100];

    pipe(pd); /* Down: child -> parent */
    pipe(pu); /* Up: parent -> child */
    if (0 != fork()) {
        int ret;
        close(pd[1]); /* Parent reads from pd[0] */
        close(pu[0]); /*
Parent writes (blocking) to pu[1] */
        if (-1 == fcntl(pd[0], F_SETFL, MY_O_NONBLOCK))
            exit(1);
        signal(SIGALRM, blech);
        alarm(5);
        if ((ret = read(pd[0], buf, 1)) > 0) /* Nothing to read! */
            exit(2);
        sprintf(string, "%d\n", ret);
        write(2, string, strlen(string));
        alarm(0);
#ifdef EAGAIN
        if (errno == EAGAIN) {
            printf("EAGAIN\n");
            goto ok;
        }
#endif
#ifdef EWOULDBLOCK
        if (errno == EWOULDBLOCK)
            printf("EWOULDBLOCK\n");
#endif
    ok:
        write(pu[1], buf, 1); /* Unblocks child, tell it to close our pipe */
        sleep(2); /* Give it time to close our pipe */
        alarm(5);
        ret = read(pd[0], buf, 1); /* Should read EOF */
        alarm(0);
        sprintf(string, "%d\n", ret);
        write(3, string, strlen(string));
        exit(0);
    }
}

```

```

close(pd[0]); /* We write to pd[1] */
close(pu[1]); /* We read from pu[0] */
read(pu[0], buf, 1); /* Wait for parent to signal us we may continue */
close(pd[1]); /* Pipe pd is now fully closed! */
exit(0); /* Bye bye, thank you for playing!
*/
}

```

EOCP

```

if $cc $cflags $ldflags -o try try.c >/dev/null 2>&1; then
?X: Use script to avoid the possible 'alarm call' message
echo "$startsh" >mtry
echo "./try >try.out 2>try.ret 3>try.err || exit 4" >>mtry
chmod +x mtry
./mtry >/dev/null 2>&1
case $? in
0) eagain=`$cat try.out`;
1) echo "Could not perform non-blocking setting!";
2) echo "I did a successful read() for something that was not there!";
3) echo "Hmm... non-blocking I/O does not seem to be working!";
*) echo "Something terribly wrong happened during testing.";
esac
rd_nodata=`$cat try.ret`
echo "A read() system call with no data present returns $rd_nodata."
case "$rd_nodata" in
0|-1) ;;
*)
echo "(That's peculiar, fixing that to be -1.)"
rd_nodata=-1
;;
esac
case "$eagain" in
")
echo "Forcing errno EAGAIN on read() with no data available."
eagain=EAGAIN
;;
*)
echo "Your read() sets errno to $eagain when no data is available."
;;
esac
status=`$cat
try.err`
case "$status" in
0) echo "And it correctly returns 0 to signal EOF.";
-1) echo "But it also returns -1 to signal EOF, so be careful!";
*) echo "However, your read() returns '$status' on EOF??";
esac
val="$define"
if test "$status" = "$rd_nodata"; then

```

```

./warn "your read() can't distinguish between EOF and no data!"
val="$undef"
fi
else
echo "I can't compile the test program--assuming errno EAGAIN will do."
eagain=EAGAIN
fi
set d_eofnblk
eval $setvar
;;
*)
echo "Using $hint value $eagain."
echo "Your read() returns $rd_nodata when no data is present."
case "$d_eofnblk" in
"$define") echo "And you can see EOF because read() returns 0.";;
"$undef") echo "But you can't see EOF status from read() returned value.";;
*)
?X: Should not happen, but if it does, assume the worst!
echo "(Assuming you can't see EOF status from read anyway.)"
d_eofnblk=$undef
;;
esac
;;
esac
$rm_try head.c mtry

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/nblock_io.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the WRITEME file.

?RCS:

?MAKE:d_writev: Inlibc

?MAKE: -pick add \$@ %<

?S:d_writev:

?S: This variable conditionally defines the HAS_WRITEV symbol, which

?S: indicates to the C program that the writev() routine is available.

?S:.

?C:HAS_WRITEV:

?C: This symbol, if defined, indicates that the writev routine is

?C: available to do scatter writes.

?C:.

?H:#\$d_writev HAS_WRITEV /**/

?H:.

?LINT:set d_writev

: see if writev exists

set writev d_writev

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_writev.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Options.U,v \$

?RCS: Revision 3.0.1.7 1997/02/28 15:08:15 ram

?RCS: patch61: optdef.sh now starts with a "startsh"

?RCS: patch61: moved some code from Head.U

?RCS:

?RCS: Revision 3.0.1.6 1995/09/25 09:14:46 ram

?RCS: patch59: protected option parsing code against 'echo -*' option failure

?RCS:

?RCS: Revision 3.0.1.5 1995/05/12 12:04:52 ram

?RCS: patch54: added -K option for experts

?RCS:

?RCS: Revision 3.0.1.4 1995/01/30 14:27:52 ram

?RCS: patch49: this unit now exports file optdef.sh,
not a variable

?RCS:

?RCS: Revision 3.0.1.3 1995/01/11 15:19:00 ram

?RCS: patch45: new -O option allowing -D and -U to override config.sh settings

?RCS: patch45: file optdef.sh is no longer removed after sourcing

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 15:58:06 ram

?RCS: patch36: ensure option definition file is removed before appending

?RCS: patch36: protect variable definitions with spaces in them

?RCS:

?RCS: Revision 3.0.1.1 1994/06/20 06:55:44 ram

?RCS: patch30: now uses new me symbol to tag error messages

?RCS: patch30: new -D and -U options to define/undef symbols (JHI)

```

?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:14 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Command line parsing. It is really important that the variables used here
?X: be not listed in the MAKE line, or they will be saved in config.sh and
?X: loading this file to fetch default answers would clobber the values set
?X: herein.
?X:
?MAKE:Options: startsh
?MAKE: -pick wipe $@ %<
?V:reuseval
alldone error realsilent silent extractsh fastread \
override knowitall: config_sh
?T:arg argn symbol config_arg0 config_args config_argc xxx yyy zzz uuu
?T:args_exp args_sep arg_exp
?F:!Configure
?F:/optdef.sh ./cmdline.opt ./posthint.sh ./cmdl.opt
: Save command line options in file UU/cmdline.opt for later use in
: generating config.sh.
?X: This temporary file will be read by Oldsym.U. I used a temporary
?X: file to preserve all sorts of potential command line quotes and
?X: also because we don't know in advance how many variables we'll
?X: need, so I can't actually declare them on the MAKE line.
?X: The config_args variable won't be quite correct if Configure is
?X: fed something like ./Configure -Dcc="gcc -B/usr/ccs/bin/"
?X: since the quotes are gone by the time we see them. You'd have to
?X: reconstruct the command line from the config_arg? lines, but since
?X: I don't imagine anyone actually having to do that, I'm not going
?X: to worry too much.
cat > cmdline.opt
<<EOSH
: Configure command line arguments.
config_arg0='$0'
config_args='$*'
config_argc=$#
EOSH
argn=1
args_exp=""
args_sep=""
for arg in "$@"; do
cat >>cmdline.opt <<EOSH
config_arg$argn='$arg'
EOSH
?X: Extreme backslashitis: replace each ' by """"
cat <<EOC | sed -e "s/'/"""/g" > cmdl.opt
$arg

```


EOC

```
arg_exp=`cat cmdl.opt`
args_exp="$args_exp$args_sep'$arg_exp'"
argn=`expr $argn + 1`
args_sep=' '
done
?X: args_exp is good for restarting self: eval "set X $args_exp"; shift; $0 "$@"
?X: used by hints/os2.sh in Perl, for instance
rm -f cmdl.opt
```

: produce awk script to parse command line options

```
cat >options.awk <<'EOF'
```

```
BEGIN {
  optstr = "A:dD:eEf:hKOrsSU:V"; # getopt-style specification
```

```
  len = length(optstr);
```

```
  for (i = 1; i <= len; i++) {
```

```
    c = substr(optstr, i, 1);
```

?X: some older awk's do not have the C ?: construct

```
    if (i < len) a = substr(optstr, i + 1, 1); else a = "";
```

```
    if (a == ":") {
```

```
      arg[c] = 1;
```

```
      i++;
```

```
    }
```

```
    opt[c] = 1;
```

```
  }
```

```
  }
```

```
  {
```

```
    expect = 0;
```

```
    str = $0;
```

```
    if (substr(str,
```

```
        1, 1) != "-") {
```

```
      printf("%s\n", str);
```

```
      next;
```

```
    }
```

```
    len = length($0);
```

```
    for (i = 2; i <= len; i++) {
```

```
      c = substr(str, i, 1);
```

```
      if (!opt[c]) {
```

```
        printf("-%s\n", substr(str, i));
```

```
        next;
```

```
      }
```

```
      printf("-%s\n", c);
```

```
      if (arg[c]) {
```

```
        if (i < len)
```

```
          printf("%s\n", substr(str, i + 1));
```

```
        else
```

```
          expect = 1;
```

```

    next;
  }
}
}
END {
  if (expect)
    print "?";
}
EOF

```

: process the command line options

```

?X: Use "$@" to keep arguments with spaces in them from being split apart.
?X: For the same reason, awk will output quoted arguments and the final eval
?X: removes them and sets a proper $* array. An 'X' is prepended to each
?X: argument before being fed to echo to guard against 'echo -x', where -x
?X: would be understood as an echo option! It is removed before feeding awk.
set X `for arg in "$@"; do echo "X$arg"; done |
sed -e s/X// | awk -f options.awk`
eval "set $*"
shift
rm -f options.awk

```

: set up default values

```

fastread=""
reuseval=false
config_sh=""
alldone=""
error=""
silent=""
extractsh=""
override=""
knowitall=""
rm
-f optdef.sh posthint.sh
cat >optdef.sh <<EOS
$startsh
EOS

```

?X:

?X: Given that we now have the possibility to execute Configure remotely
?X: thanks to the new src.U support, we have to face the possibility
?X: of having to ask where the source lie, which means we need the Myread.U
?X: stuff and possibly other things that might echo something on the
?X: screen...

?X:

?X: That's not pretty, and might be confusing in 99% of the time. So...
?X: We introduce a new realsilent variable which is set when -s is given,
?X: and we force silent=true if -S is supplied. The Extractall.U unit

?X: will then undo the >&4 redirection based on the value of the

?X: realsilent variable... -- RAM, 18/93/96

?X:

: option parsing

```
while test $# -gt 0; do
```

```
case "$1" in
```

```
-d) shift; fastread=yes;;
```

```
-e) shift; alldone=cont;;
```

```
-f)
```

```
shift
```

```
cd ..
```

```
if test -r "$1"; then
```

```
config_sh="$1"
```

```
else
```

```
echo "$me: cannot read config file $1." >&2
```

```
error=true
```

```
fi
```

```
cd UU
```

```
shift;;
```

```
-h)
```

```
shift; error=true;;
```

```
-r) shift; reuseval=true;;
```

```
-s) shift; silent=true; realsilent=true;;
```

```
-E) shift; alldone=exit;;
```

```
-K) shift; knowitall=true;;
```

```
-O) shift; override=true;;
```

```
-S) shift; silent=true; extractsh=true;;
```

```
-D)
```

```
shift
```

```
case "$1" in
```

```
*=)
```

```
echo "$me: use '-U symbol=', not '-D symbol='." >&2
```

```
echo "$me: ignoring -D $1" >&2
```

```
;;
```

```
*=*) echo "$1" | \
```

```
sed -e "s/'\"'\"'/g" -e "s/=(.*)/=\\1/'" >> optdef.sh;;
```

```
*) echo "$1='define'" >> optdef.sh;;
```

```
esac
```

```
shift
```

```
;;
```

```
-U)
```

```
shift
```

```
case "$1" in
```

```
*=) echo "$1" >> optdef.sh;;
```

```
*=*)
```

```
echo "$me: use '-D symbol=val', not '-U symbol=val'." >&2
```

```
echo "$me: ignoring -U $1" >&2
```

```

;;
*) echo "$1='undef'" >> optdef.sh;;
esac
shift
;;
-A)
  shift
  xxx=""
  yyy="$1"
  zzz=""
  uuu=undef
  case "$yyy" in
    *=*) zzz=`echo "$yyy"|sed 's!=.*!!'^
      case "$zzz" in
        *.* ) zzz="" ;;
        *) xxx=append
          zzz="" ``echo
"$yyy"|sed 's!^[^=]*!!'^
          yyy=`echo "$yyy"|sed 's!=.*!!'^ ;;
      esac
    ;;
  esac
  case "$xxx" in
    ") case "$yyy" in
      *.* ) xxx=`echo "$yyy"|sed 's!:. *!!'^
        yyy=`echo "$yyy"|sed 's!^[^:]*!!'^
        zzz=`echo "$yyy"|sed 's!^[^=]*!!'^
        yyy=`echo "$yyy"|sed 's!=.*!!'^ ;;
      *) xxx=`echo "$yyy"|sed 's!:. *!!'^
        yyy=`echo "$yyy"|sed 's!^[^:]*!!'^ ;;
    esac
  ;;
  esac
  case "$xxx" in
    append)
echo "$yyy=\\"${yyy}$zzz\""" >> posthint.sh ;;
  clear)
echo "$yyy="" >> posthint.sh ;;
  define)
    case "$zzz" in
      ") zzz=define ;;
    esac
echo "$yyy=$zzz" >> posthint.sh ;;
  eval)
echo "eval \"$yyy=$zzz\""" >> posthint.sh ;;
  prepend)
echo "$yyy=\\"zzz${yyy}\""" >> posthint.sh ;;
  undef)

```

```

    case "$zzz" in
    ")
zzz="$uuu" ;;
    esac
echo "$yyy=$zzz" >> posthint.sh ;;
    *) echo "$me: unknown -A command '$xxx', ignoring -A $1" >&2 ;;
    esac
    shift
    ;;
-V) echo "$me generated by metaconfig <VERSION> PL<PATCHLEVEL>." >&2
    exit 0;;
--) break;;
-*) echo "$me: unknown option $1" >&2; shift; error=true;;
*) break;;
    esac
done

```

```

case "$error" in
true)

```

```

cat >&2 <<EOM

```

```

Usage: $me [-dehrsEKOSV] [-f config.sh] [-D symbol] [-D symbol=value]
          [-U symbol] [-U symbol=] [-A command:symbol...]

```

-d : use defaults for all answers.

-e : go on without questioning past the production of config.sh.

-f : specify an alternate default configuration file.

-h : print this help message and exit (with an error status).

-r : reuse C symbols value if possible (skips costly nm extraction).

-s : silent mode, only echoes questions and essential information.

-D : define symbol to have some value:

```

-D symbol      symbol gets the value 'define'

```

```

-D symbol=value

```

```

symbol gets the value 'value'

```

-E : stop at the end of questions, after having produced config.sh.

-K : do not use unless you know what you are doing.

-O : let -D and -U override definitions from loaded configuration file.

-S : perform variable substitutions on all .SH files (can mix with -f)

-U : undefine symbol:

```

-U symbol      symbol gets the value 'undef'

```

```

-U symbol=     symbol gets completely empty

```

-A : manipulate symbol after the platform specific hints have been applied:

```

-A symbol=value append " "value to symbol

```

```

-A append:symbol=value append value to symbol

```

```

-A define:symbol=value define symbol to have value

```

```

-A clear:symbol define symbol to be "

```

```

-A define:symbol define symbol to be 'define'

```

```

-A eval:symbol=value define symbol to be eval of value

```

```

-A prepend:symbol=value prepend value to symbol

```

```

-A undef:symbol define symbol to be 'undef'

```

-A undef:symbol= define symbol to be "

-V : print version number and exit (with
a zero status).

EOM

exit 1

::

esac

?X:

?X: Unless they specified either -S or both -d and -e/E, make sure we're

?X: running interactively, i.e. attached to a terminal. Moved from Head.U to

?X: be able to handle batch configurations...

?X:

?X: We have to hardwire the Configure name and cannot use \$me, since if they

?X: said 'sh <Configure', then \$me is 'sh'...

?X:

: Sanity checks

case "\$fastread\$alldone" in

yescont|yesexit) ;;

*)

case "\$extractsh" in

true) ;;

*)

if test ! -t 0; then

echo "Say 'sh Configure', not 'sh <Configure'"

exit 1

fi

::

esac

::

esac

?X: In silent mode, the standard output is closed. Questions are asked by

?X: outputting on file descriptor #4, which is the original stdout descriptor.

?X: This filters out all the "junk", since all the needed information is written

?X: on #4. Note that ksh will not let us redirect output if the file descriptor

?X: has not be defined yet, unlike sh, hence the following line...--RAM.

exec 4>&1

case "\$silent" in

true)

exec 1>/dev/null;;

esac

: run the defines and the undefines, if any, but leave the file out there...

touch optdef.sh

./optdef.sh

: create the posthint manipulation script and leave the file out there...

?X: this file will be perused by Oldconfig.U

touch posthint.sh

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Options.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: lib.U,v 3.0.1.3 1995/09/25 09:16:47 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: lib.U,v \$

?RCS: Revision 3.0.1.3 1995/09/25 09:16:47 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.2 1995/01/30 14:38:08 ram

?RCS: patch49: can now handle installation prefix changes (from WED)

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:27:40 ram

?RCS: patch32: now uses installation prefix to set the default

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:56 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?LINT:

empty

?X:?MAKE:lib libexp: Getfile Loc Oldconfig Prefixit Prefixup prefixexp

?X:?MAKE: -pick add \$@ %<

?X:?Y:TOP

?X:?S:lib:

?X:?S: This variable holds the name of the directory in which the user wants

?X:?S: to put public library files for the package in question. It is most

?X:?S: often a local directory such as /usr/local/lib. Programs using this

?X:?S: variable must be prepared to deal with filename expansion.

?X:?S:.

?X:?S:libexp:

?X:?S: This variable is the same as the lib variable, but is filename expanded

?X:?S: at configuration time, for convenient use in your makefiles.

?X:?S:.

?X:: determine where public libraries go

?X:set lib lib

?X:eval \$prefixit

```

?X:case "$lib" in
?X:")
?X: dflt=`./loc . ." $prefixexp/lib /usr/local/lib /usr/lib /lib`
?X: set dflt
?X: eval $prefixup
?X: ;;
?X:*) dflt="$lib";;
?X:esac
?X:echo " "
?X:fn=d~
?X:rp='Where do you want to put the public libraries?'
?X:. ./getfile
?X:lib="$ans"
?X:libexp="$ansexp"

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/nullified/lib.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_fgetpos.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_fgetpos.U,v $
?RCS: Revision 3.0.1.1 1994/06/20 06:57:33 ram
?RCS: patch30: created
?RCS:
?MAKE:d_fgetpos: Inlibc
?MAKE: -pick add $@ %<
?S:d_fgetpos:
?S: This variable conditionally defines HAS_FGETPOS if fgetpos() is
?S: available to get the file position indicator.
?S:.
?C:HAS_FGETPOS:
?C: This symbol, if defined, indicates that the fgetpos routine is
?C: available to get the file position indicator, similar to ftell().
?C:.
?H:#$d_fgetpos
HAS_FGETPOS /**/
?H:.
?LINT:set d_fgetpos

```



```
: see if fgetpos exists
set fgetpos d_fgetpos
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fgetpos.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_isinfl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_isinfl:

?S: This variable conditionally defines the HAS_ISINFL symbol, which

?S: indicates to the C program that the isinfl() routine is available.

?S:.

?C:HAS_ISINFL:

?C: This symbol, if defined, indicates that the isinfl routine is

?C: available to check whether a long double is an infinity.

?C:.

?H:#\$d_isinfl HAS_ISINFL /**/

?H:.

?LINT:set d_isinfl

```
: see if isinfl exists
```

```
set isinfl d_isinfl
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isinfl.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: End.U,v 3.0 1993/08/18 12:04:51 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

```

?RCS: $Log: End.U,v $
?RCS: Revision 3.0 1993/08/18 12:04:51 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit serves as the goal which forces make to choose all the units that
?X: ask questions. The $W on the ?MAKE: line is the list of all symbols wanted.
?X: To force any unit to be included, copy this unit to your private U directory
?X: and add the name of the unit desired to the ?MAKE: dependency line.
?X:
?MAKE:End perllibs: $W cppstdin gzip zip
libs usedl osname osvers
?MAKE: -pick add $@ %<
?S:perllibs:
?S: The list of libraries needed by Perl only (any libraries needed
?S: by extensions only will be dropped, if using dynamic loading).
?S:.
?INIT:perllibs="
?LINT:use $W
?LINT:use gzip zip
?LINT:change cppstdin
: Remove libraries needed only for extensions
: The appropriate ext/Foo/Makefile.PL will add them back in, if necessary.
: The exception is SunOS 4.x, which needs them.
case "${osname}X${osvers}" in
sunos*X4*)
    perllibs="$libs"
    ;;
*) case "$usedl" in
    $define|true|[yY]*)
        set X `echo " $libs" | sed -e 's@ -lndbm @ @' -e 's@ -lgdbm @ @' -e 's@ -lgdbm_compat @ @' -e 's@ -ldb @ @' -e 's@ -ldb @ @'`
        shift
        perllibs="$*"
        ;;
    *) perllibs="$libs"
        ;;
    esac
    ;;
esac

```

?X: If the user has the cppstdin wrapper, perl.c will try to call
?X: CPPSTDIN, but that will point to a location in the build
?X: directory, not the installed version!. Here, we'll just strip the
?X: name down to 'cppstdin',
and rely on the fact that perl.c will
?X: then call SCRIPTDIR/cppstdin, but local things like 'make depend'
?X: will continue to work.

```

: Remove build directory name from cppstd in so it can be used from
: either the present location or the final installed location.
echo " "
: Get out of the UU directory to get correct path name.
cd ..
case "$cppstd in
`pwd`/cppstd)
echo "Stripping down cppstd path name"
cppstd=cppstd
;;
esac
cd UU

```

```

: end of configuration questions
echo " "
echo "End of configuration questions."
echo " "

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/End.U

```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_ilogb: Inlibc

?MAKE: -pick add \$@ %<

?S:d_ilogb:

?S: This variable conditionally defines the HAS_ILOGB symbol, which

?S: indicates to the C program that the ilogb() routine is available

?S: for extracting the exponent of double x as a signed integer.

?S:.

?C:HAS_ILOGB:

?C: This symbol, if defined, indicates that the ilogb routine is

?C: available to get integer exponent of a floating-point value.

?C:.

?H:#\$d_ilogb HAS_ILOGB /**/

?H:.

?LINT:set d_ilogb

: see if ilogb exists

set ilogb d_ilogb

eval \$inlibc

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ilogb.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Cppsym.U,v 3.0.1.5 1995/05/12 11:59:11 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Cppsym.U,v $
?RCS: Revision 3.0.1.5 1995/05/12 11:59:11 ram
?RCS: patch54: split awk command onto two lines for older awk's (ADO)
?RCS:
?RCS: Revision 3.0.1.4 1995/01/11 14:55:57 ram
?RCS: patch45: new cc vs. cpp symbol checking suggested by JHI
?RCS: patch45: added more cpp symbols (JHI)
?RCS:
?RCS: Revision 3.0.1.3 1994/10/29 15:51:32 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: new symbols ardent and titan (ADO)
?RCS:
?RCS:
Revision 3.0.1.2 1994/06/20 06:53:32 ram
?RCS: patch30: extended cpp symbol lookup list (JHI)
?RCS: patch30: renamed attrlist symbol into al for brevity
?RCS:
?RCS: Revision 3.0.1.1 1993/12/15 08:14:14 ram
?RCS: patch15: added new cpp symbols __bsdi__ and BSD_NET2
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:50 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X: This unit produces a shell script called Cppsym, which can be used to
?X: determine whether any in a list of symbols is defined by the C compilation
?X: chain (C preprocessor symbols plus C compiler native ones).
?X: It can determine the status of any symbol, though the symbols in $al
?X: are more easily determined. If you want to add to $al you can do
?X: it in Myinit.U.
?MAKE:Cppsym ccsymbols cppsymbols cppccsymbols: run \
eunicefix Guess awk cat tr sed sort rm rm_try startsh osname \
+cc +gccversion test comm uniq echo Options trnl \
optimize cflags ldflags libs cpp_stuff cpp
?MAKE: -pick add $@ %<
?T:also
```

symbols i postprocess_cc_v tHdrH

?X:

?X: The symbol list is in alpha order for ease of maintenance...

?X:

?X: Lots of new symbols (mostly rummaged from gcc), courtesy of

?X: Jarkko Hietaniemi <jhi@snakemail.hut.fi> -- RAM, 06/06/94

?X:

?S:ccsymbols:

?S: The variable contains the symbols defined by the C compiler alone.

?S: The symbols defined by cpp or by cc when it calls cpp are not in

?S: this list, see cppsymbols and cppccsymbols.

?S: The list is a space-separated list of symbol=value tokens.

?S:.

?S:cppsymbols:

?S: The variable contains the symbols defined by the C preprocessor

?S: alone. The symbols defined by cc or by cc when it calls cpp are

?S: not in this list, see ccsymbols and cppccsymbols.

?S: The list is a space-separated list of symbol=value tokens.

?S:.

?S:cppccsymbols:

?S: The variable contains the symbols defined by the C compiler

?S: when it calls cpp. The symbols defined by the cc alone or cpp

?S: alone are not in this list, see ccsymbols and cppsymbols.

?S: The

list is a space-separated list of symbol=value tokens.

?S:.

?F:./Cppsym

?F:./Cppsym.know

?F:!Cppsym.true

?F:!ccsym.com

?F:!ccsym.cpp

?F:!ccsym.own

?X: fake LINT hints

?LINT:change ccflags

?LINT:extern s

?LINT:extern s__

: Preprocessor symbols

echo " "

\$echo "Guessing which symbols your C compiler and preprocessor define..." >&4

?X: If your symbol is mixed case, just add it as-is.

?X: All symbols will be transformed to both all-lower and all-upper.

?X: Also drop any leading/trailing underscores, the scan will try all those.

\$cat <<'EOSH' > Cppsym.know

a29k aarch64 ABI64 aegis AES_SOURCE AIX AIX32 AIX370 AIX41 AIX42

AIX43 aixpc AIX_SOURCE alliant ALL_SOURCE alpha AM29000 am29000

AMD64 amd64 amiga AMIGAOS AMIX ansi ANSI_C_SOURCE apollo arch_ppc

arch_pwr ardent ARM ARM32 atarist att386 att3b

BeOS BIG_ENDIAN BIT_MSF BSD bsd bsd43 bsd4_2 BSD4_3 bsd4_3 bsd4_4

BSDCOMPAT bsdi BSD_4_3 BSD_4_4 BSD_NET2 BSD_TIME BSD_TYPES bull
byteorder byte_order
c cadmus clang clipper CMU COFF COMPILER_VERSION
concurrent
convex cpu CRAY cray CRAYMPP ctix CX_UX CYGWIN
DECC DGUX DGUX_SOURCE DJGPP dmert DOLPHIN DPX2 DSO Dynix DynixPTX
ELF encore EPI EXTENSIONS
FAVOR_BSD FILE_OFFSET_BITS FORTIFY_SOURCE FreeBSD
GCC_NEW_VARARGS gcos gcx gimpel GLIBC GLIBC_MINOR GNUC GNUC_MINOR
GNU_LIBRARY GNU_SOURCE GO32 gould GOULD_PN
H3050R H3050RX hbullx20 hcx host_mips hp200 hp300 HP700 hp700
hp800 hp9000 hp9000s200 hp9000s300 hp9000s400
hp9000s700 hp9000s800 hp9k8 hppa hpux HPUX_SOURCE hp_osf
i186 i286 i386 i486 i586 i686 i8086 i80960 i860 I960 IA32 IA64
iAPX286 ibm ibm032 ibmesa IBMR2 ibmrt ILP32 ILP64
INLINE_INTRINSICS INT64 INTEL interdata INTRINSICS is68k titanium
ksr1
LANGUAGE_C LARGEFILE64_SOURCE LARGEFILE_SOURCE LARGE_FILE_API
LFS64_LARGEFILE LFS_LARGEFILE LIBCATAMOUNT Linux LITTLE_ENDIAN
LONG64 LONGDOUBLE LONGLONG LONG_DOUBLE LONG_LONG LP64 luna
luna88k Lynx
M68000 m68k m88100 m88k M88KBCS_TARGET MACH machine MachTen
MATH_HAS_NO_SIDE_EFFECTS mc300 mc500 mc68000 mc68010 mc68020
mc68030 mc68040 mc68060
mc68k mc68k32 mc700 mc88000 mc88100
merlin mert MiNT mips MIPSEB MIPSEL MIPS_FPSET MIPS_ISA MIPS_SIM
MIPS_SZINT MIPS_SZLONG MIPS_SZPTR MODERN_C motorola mpeix MSDOS
MTXINU MULTIMAX MVS mvs M_AMD64 M_ARM M_ARMT M_COFF M_I186 M_I286
M_I386 M_I8086 M_I86 M_I86SM M_IA64 M_IX86 M_PPC M_SYS3 M_SYS5
M_SYSIII M_SYSV M_UNIX M_X86 M_XENIX
n16 ncl_el ncl_mr NetBSD news1500 news1700 news1800 news1900
news3700 news700 news800 news900 NeXT NLS nonstopux ns16000
ns32000 ns32016 ns32332 ns32k nsc32000
OCS88 OEMVS OpenBSD os OS2 OS390 osf OSF1 OSF_SOURCE
PARAGON parisc pa_risc PA_RISC1_1 PA_RISC2_0 pc532 pdp11 PGC PIC
plexus PORTAR posix POSIX1B_SOURCE POSIX2_SOURCE POSIX4_SOURCE
POSIX_C_SOURCE POSIX_SOURCE POWER powerpc ppc PROTOTYPES PWB pyr
QK_USER QNX
R3000 REENTRANT RES Rhapsody RISC6000 riscix riscos RT
S390 S390x SA110 SCO scs sequent sgi SGI_SOURCE SH SH3 sinix
SIZE_INT SIZE_LONG SIZE_PTR SOCKETS_SOURCE SOCKET_SOURCE sony
sonyric sony_news spare sparclite sparcv8 sparcv9 spectrum
stardent
stdc STDC_EXT stratos sun sun3 sun386 Sun386i svr3 svr4
SVR4_2 SVR4_SOURCE svr5 SX system SYSTYPE_BSD SYSTYPE_BSD43
SYSTYPE_BSD44 SYSTYPE_SVR4 SYSTYPE_SVR5 SYSTYPE_SYSV SYSV SYSV3
SYSV4 SYSV5 sysV68 sysV88
Tek4132 Tek4300 thumb thw_370 thw_intel thw_rs6000 titan TM3200

```

TM5400 TM5600 tower tower32 tower32_200 tower32_600 tower32_700
tower32_800 tower32_850 tss
u370 u3b u3b2 u3b20 u3b200 u3b20d u3b5 ultrix UMAXV UnicomPBB
UnicomPBD UNICOS UNICOSMK unix UNIX95 UNIX99 unixpc unos USE_BSD
USE_FILE_OFFSET64 USE_GNU USE_ISOC9X USE_LARGEFILE
USE_LARGEFILE64 USE_MISC USE_POSIX USE_POSIX199309
USE_POSIX199506 USE_POSIX2 USE_REENTRANT USE_SVID USE_UNIX98
USE_XOPEN USE_XOPEN_EXTENDED USGr4 USGr4_2 UTek Utek UTS UWIN
uxpm uxps
vax venix VMESA vms
x86_64 xenix Xenix286 XOPEN_SOURCE XOPEN_SOURCE_EXTENDED XPG2
XPG2_EXTENDED XPG3 XPG3_EXTENDED XPG4 XPG4_EXTENDED
z8000 zarch
EOSH
# Maybe put other stuff here too.
?X:Some OS's will have a dash in their $osname
?X:e.g. Android is known as linux-android
?X:The
preprocessor will interpret the dash as a minus
./tr '-' '_' <<EOSH >>Cppsym.know
$osname
EOSH
./tr '[a-z]' '[A-Z]' < Cppsym.know > Cppsym.a
./tr '[A-Z]' '[a-z]' < Cppsym.know > Cppsym.b
$cat Cppsym.know > Cppsym.c
$cat Cppsym.a Cppsym.b Cppsym.c | $tr ' ' $trnl | $sort | $uniq > Cppsym.know
$rm -f Cppsym.a Cppsym.b Cppsym.c
cat <<EOSH > Cppsym
$startsh
if $test $# -gt 0; then
    echo $# | $tr " " "$trnl" | ./Cppsym.try > Cppsym.got
    if $test -s Cppsym.got; then
        $rm -f Cppsym.got
    exit 0
    fi
    $rm -f Cppsym.got
    exit 1
else
    $tr " " "$trnl" | ./Cppsym.try
    exit 0
fi
EOSH
chmod +x Cppsym
$eunicefix Cppsym
?X: The below awk script will die a horrible death if
?X: some of the tested symbols are not long ints.
?X: Also, we do not make difference between just defined and defined zero.
cat <<EOSH > Cppsym.try

```



```

if $cpp -dM $tHdrH'.h' > $tHdrH'_cppsym.h' && [ -s $tHdrH'_cppsym.h' ]; then
    sed -e 's/#define[\ \ ]*//;s/[\ \ ].*$//' -e 's/(.*) <$tHdrH'_cppsym.h' >$tHdrH'_cppsym.real'
    if [ -s $tHdrH'_cppsym.real' ]; then
cat $tHdrH'_cppsym.real' Cppsym.know | sort | uniq | ./Cppsym | sort | uniq > Cppsym.true
    fi
fi
rm -f $tHdrH'.h' $tHdrH'_cppsym.h' $tHdrH'_cppsym.real'
;;
esac
: now check the C compiler for additional symbols
?X: suggested by Jarkko Hietaniemi <jhi@snakemail.hut.fi>, thanks!
postprocess_cc_v="
case "$osname" in
aix) postprocess_cc_v="|$tr , ' "' ;;
esac
$cat
>ccsym <<EOS
$startsh
$cat >tmp.c <<EOF
extern int foo;
EOF
for i in ` $cc -v -c tmp.c 2>&1 $postprocess_cc_v `
do
case "$i" in
-D*) echo "$i" | $sed 's/^-D//';;
-A*) $test "$gccversion" && echo "$i" | $sed 's/^-A//' | $sed 's/(.*)((.*))\^1=\2//';;
esac
done
$rm_try
EOS
postprocess_cc_v="
chmod +x ccsym
$unicefix ccsym
./ccsym > ccsym1.raw
?X: AIX complains if $uniq is passed an empty file. ($sort apparently
?X: doesn't care.) --AD 14 July 1998
if $test -s ccsym1.raw; then
    $sort ccsym1.raw | $uniq >ccsym.raw
else
    mv ccsym1.raw ccsym.raw
fi

?X: canonicalize symbols for easier sort/uniq/comm usage: append =1 if no = sign
?X: the awk script must be on two lines for older awk programs, sigh! -- ADO
$awk '/\=/ { print $0; next }
{ print $0"=1" }' ccsym.raw >ccsym.list
$comm -13 Cppsym.true ccsym.list >ccsym.own
$comm -12 Cppsym.true ccsym.list >ccsym.com

```

```

$comm -23 Cppsym.true ccsym.list >ccsym.cpp
also="
if $test -z ccsym.raw; then
echo "Your C compiler doesn't
seem to define any symbols!" >&4
echo " "
echo "However, your C preprocessor defines the following symbols:"
$cat Cppsym.true
ccsymbols="
cppsymbols=`$cat Cppsym.true`
cppsymbols=`echo $cppsymbols`
cppccsymbols="$cppsymbols"
else
if $test -s ccsym.com; then
echo "Your C compiler and pre-processor define these symbols:"
$sed -e 's/(.*)=.*/\1/' ccsym.com
also='also '
symbols='ones'
cppccsymbols=`$cat ccsym.com`
cppccsymbols=`echo $cppccsymbols`
$test "$$silent" || sleep 1
fi
if $test -s ccsym.cpp; then
$test "$$also" && echo " "
echo "Your C pre-processor ${also}defines the following symbols:"
$sed -e 's/(.*)=.*/\1/' ccsym.cpp
also='further '
cppsymbols=`$cat ccsym.cpp`
cppsymbols=`echo $cppsymbols`
$test "$$silent" || sleep 1
fi
if $test -s ccsym.own; then
$test "$$also" && echo " "
echo "Your C compiler ${also}defines the following cpp symbols:"
$sed -e 's/(.*)=\1\1/' ccsym.own
$sed -e 's/(.*)=.*/\1/' ccsym.own | $uniq >>Cpsym.true
ccsymbols=`$cat
ccsym.own`
ccsymbols=`echo $ccsymbols`
$test "$$silent" || sleep 1
fi
fi

: add -D_FORTIFY_SOURCE if feasible and not already there
case "$gccversion" in
[456789].*) case "$optimize$ccflags" in
*-O*) case "$ccflags$cppsymbols" in
*_FORTIFY_SOURCE=*) # Don't add it again.

```

```

echo "You seem to have -D_FORTIFY_SOURCE already, not adding it." >&4
;;
*) echo "Adding -D_FORTIFY_SOURCE=2 to ccflags..." >&4
ccflags="$ccflags -D_FORTIFY_SOURCE=2"
;;
esac
;;
*) echo "You have gcc 4.* or later but not optimizing, not adding -D_FORTIFY_SOURCE." >&4
;;
esac
;;
*) echo "You seem not to have gcc 4.* or later, not adding -D_FORTIFY_SOURCE." >&4
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Cppsym.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_syspoll.U 15 2006-08-30 18:21:51Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:i_syspoll: Inhdr
?MAKE: -pick add $@ %<
?S:i_syspoll:
?S: This variable conditionally defines the I_SYS_POLL symbol, which
?S: indicates to the C program that it should include <sys/poll.h>.
?S:.
?C:I_SYS_POLL:
?C: This symbol, if defined, indicates that the program may include
?C: <sys/poll.h>. When I_POLL is also defined, it's probably safest
?C: to only include <poll.h>.
?C:.
?H:#$i_syspoll I_SYS_POLL /**/
?H:.
?LINT:set i_syspoll
: see if there is
a sys/poll.h file
set sys/poll.h i_syspoll
eval $inhdr

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_syspoll.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getsent.U,v 3.0 1993/08/18 12:06:09 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d_getsent.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_getsent: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getsent:

?S: This variable conditionally defines HAS_GETSERVENT if getservernt() is

?S: available to look up network services in some data base or another.

?S:.

?C:HAS_GETSERVENT:

?C: This symbol, if defined, indicates that the getservernt() routine is

?C: available to look up network services in some

data base or another.

?C:.

?H:#\$d_getsent HAS_GETSERVENT /**/

?H:.

?LINT:set d_getsent

: see if getservernt exists

set getservernt d_getsent

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getsent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_strstr.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_strstr.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:37 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_strstr: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strstr:

?S: This variable conditionally defines HAS_STRSTR if strstr() is

?S: available to find substrings.

?S:.

?C:HAS_STRSTR (STRSTR):

?C: This symbol, if defined, indicates that the strstr routine is

?C: available to find substrings.

?C:.

?H:#\$d_strstr HAS_STRSTR /**/

?H:.

?LINT:set d_strstr

:

see if strstr exists

set strstr d_strstr

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strstr.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sockopt.U,v 3.0.1.1 1995/07/25 14:16:14 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: sockopt.U,v \$

?RCS: Revision 3.0.1.1 1995/07/25 14:16:14 ram

?RCS: patch56: obsoleted KEEPALIVE in favor of CAN_KEEPALIVE for consistency

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:48 ram

?RCS: Baseline for dist 3.0 netwide release.

```

?RCS:
?MAKE:d_keepalive: cat rm contains +cc +ccflags +ldflags socketlib sockethdr \
d_oldsock libs Oldconfig Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_keepalive:
?S: This symbol conditionally defines CAN_KEEPALIVE which
indicates to the C
?S: program that setsockopt SO_KEEPALIVE will work properly.
?S:.
?C:CAN_KEEPALIVE (KEEPALIVE):
?C: This symbol if defined indicates to the C program that the SO_KEEPALIVE
?C: option of setsockopt() will work as advertised in the manual.
?C:.
?H:#$d_keepalive CAN_KEEPALIVE /**/
?H:.
?F:!socket
?LINT:set d_keepalive
: see if setsockopt with SO_KEEPALIVE works as advertised
echo " "
case "$d_oldsock" in
"$undef")
if $contains SO_KEEPALIVE `./findhdr sys/socket.h` \
/dev/null >/dev/null 2>&1
then
echo "OK, let's see if SO_KEEPALIVE works as advertised..." >&4
$cat > socket.c <<EOP
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
#include <netdb.h>

int main()
{
int s = socket(AF_INET, SOCK_STREAM, 0);
if (s == -1)
exit(1);
if (-1 == setsockopt(s, SOL_SOCKET, SO_KEEPALIVE, 0, 0))
exit(2);
exit(0);
}
EOP
if $cc $ccflags $sockethdr $ldflags -o socket socket.c $libs \
$socketlib >/dev/null 2>&1; then
./socket >/dev/null 2>&1
case
$? in
0) echo "Yes, it does!"
val="$define";;

```

```

1) $cat <<EOM
(Something went wrong -- Assuming SO_KEEPALIVE is broken)
EOM
    val="$undef";;
2) echo "No, it doesn't. Don't trust your manuals!!"
    val="$undef";;
    esac
    else
    cat <<EOM
(I can't compile the test program -- Assuming SO_KEEPALIVE is broken)
EOM
    val="$undef"
    fi
    else
    echo "Strange!! You have BSD 4.2 sockets but no SO_KEEPALIVE option."
    val="$undef"
    fi;;
*) cat <<EOM
As you have an old socket interface, you can't have heard of SO_KEEPALIVE.
EOM
    val="$undef";;
    esac
    set d_keepalive
    eval $setvar
    $rm -f socket socket.c

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/sockopt.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vaprotol.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: vaprotol.U,v $
?RCS: Revision 3.0.1.1 1994/01/24 14:17:16 ram
?RCS: patch16: definition of _V now appears only when needed
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:59 ram

```

```

?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:vaproto: prototype i_stdarg Setvar
?MAKE: -pick add $@ %<
?S:vaproto:
?S: This variable conditionally defines CAN_VAPROTO on systems supporting
?S: prototype
    declaration of functions with a variable number of
?S: arguments. See also prototype.
?S:.
?C:CAN_VAPROTO ~ %<:
?C: This variable is defined on systems supporting prototype declaration
?C: of functions with a variable number of arguments.
?C:.
?C:_V:
?C: This macro is used to declare function parameters in prototypes for
?C: functions with a variable number of parameters. Use double parentheses.
?C: For example:
?C:
?C: int printf _V((char *fmt, ...));
?C:
?C: Remember to use the plain simple _() macro when declaring a function
?C: with no variable number of arguments, since it might be possible to
?C: have a non-effect _V() macro and still get prototypes via _().
?C:.
?H:?%<:#$vaproto CAN_VAPROTO /**/
?H:?_V:#ifdef CAN_VAPROTO
?H:?_V:#define _V(args) args
?H:?_V:#else
?H:?_V:#define _V(args) ()
?H:?_V:#endif
?H:.
?W:%<:_V
?LINT:set vaproto
: see if prototypes support variable argument declarations
echo " "
case "$prototype$i_stdarg" in
$define$define)
echo "It appears we'll
be able to prototype varargs functions." >&4
val="$define"
;;
*)
echo "Too bad... We won't be using prototyped varargs functions..." >&4
val="$undef"
;;
esac
set vaproto

```


eval \$setvar

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/vaproto.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Warn_v7ND.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Warn_v7ND.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:01:46 ram

?RCS: patch36: call ./v7 explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:18 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit warns V7 sites that they may not have a non-blocking read.

?X: This unit needs to be mentioned in End.U to get included.

?X:

?MAKE:Warn_v7ND: package Guess

?MAKE: -pick add \$@ %<

: Warnings

if ./v7; then

cat

<<EOM

NOTE: many V7 systems do not have a way to do a non-blocking read. If you don't have any of FIONREAD, O_NDELAY, or rdchk(), the \$package package may not work as well as it might. It might not work at all.

EOM

fi

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Warn_v7ND.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: h_fcntl.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: h_fcntl.U,v \$
?RCS: Revision 3.0 1993/08/18 12:08:12 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:h_fcntl: Nothing
?MAKE: -pick add \$@ %<
?S:h_fcntl:
?S: This is variable gets set in various places to tell i_fcntl that
?S: <fcntl.h> should be included.
?S:.
: Initialize h_fcntl
h_fcntl=false

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/h_fcntl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: gidtype.U,v 3.0.1.3 1994/08/29 16:21:44 ram Exp \$
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: gidtype.U,v \$
?RCS: Revision 3.0.1.3 1994/08/29 16:21:44 ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS: patch32: removed useless usage of Setvar (for now)
?RCS:
?RCS: Revision 3.0.1.2 1994/05/13 15:21:07 ram
?RCS: patch27: added lint hint
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 15:01:51 ram
?RCS: patch23: protected gidtype setting via setvar (ADO)
?RCS: patch23: made Gid_t comment more explicit (ADO)
?RCS:

?RCS: Revision

3.0 1993/08/18 12:08:11 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:gidtype: Myread Typedef Findhdr

?MAKE: -pick add \$@ %<

?S:gidtype:

?S: This variable defines Gid_t to be something like gid_t, int,

?S: ushort, or whatever type is used to declare the return type

?S: of getpid(). Typically, it is the type of group ids in the kernel.

?S:.

?C:Gid_t (GIDTYPE):

?C: This symbol holds the return type of getpid() and the type of

?C: argument to setrgid() and related functions. Typically,

?C: it is the type of group ids in the kernel. It can be int, ushort,

?C: gid_t, etc... It may be necessary to include <sys/types.h> to get

?C: any typedefed information.

?C:.

?H:#define Gid_t \$gidtype /* Type for getpid(), etc... */

?H:.

?T:xxx

: see what type gids are declared as in the kernel

echo " "

echo "Looking for the type for group ids returned by getpid()."

set gid_t gidtype xxx stdio.h sys/types.h

eval \$typedef

case "\$gidtype" in

xxx)

xxx=`./findhdr sys/user.h`

set `grep

'groups[NGROUPS\];' "\$xxx" 2>/dev/null` unsigned short

case \$1 in

unsigned) dflt="\$1 \$2" ;;

*) dflt="\$1" ;;

esac

::

*) dflt="\$gidtype";;

esac

case "\$gidtype" in

gid_t) echo "gid_t found." ;;

*) rp="What is the type for group ids returned by getpid()?"

. ./myread

gidtype="\$ans"

::

esac

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/typedefs/gidtype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_fpclass: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fpclass:

?S: This variable conditionally defines the HAS_FPCLASS symbol, which

?S: indicates to the C program that the fpclass() routine is available.

?S:.

?C:HAS_FPCLASS:

?C: This symbol, if defined, indicates that the fpclass routine is

?C: available to classify doubles. Available for example in Solaris/SVR4.

?C: The returned values are defined in <ieeefp.h> and are:

?C:

?C: FP_SNAN signaling NaN

?C: FP_QNAN quiet NaN

?C: FP_NINF negative infinity

?C: FP_PINF positive infinity

?C: FP_NDENORM negative denormalized non-zero

?C: FP_PDENORM positive denormalized non-zero

?C: FP_NZERO negative zero

?C: FP_PZERO positive zero

?C: FP_NNORM negative normalized

non-zero

?C: FP_PNORM positive normalized non-zero

?C:.

?H:#\$d_fpclass HAS_FPCLASS /**/

?H:.

?LINT:set d_fpclass

: see if fpclass exists

set fpclass d_fpclass

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d_fpclass.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2009 H.Merijn Brand

?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getaddrinfo: Inlibc
?MAKE: -pick add \$@ %<
?S:d_getaddrinfo:
?S: This variable conditionally defines the HAS_GETADDRINFO symbol,
?S: which indicates to the C program that the getaddrinfo() function
?S: is available.
?S:.
?C:HAS_GETADDRINFO:
?C: This symbol, if defined, indicates that the getaddrinfo() function
?C: is available for use.
?C:.
?H:#\$d_getaddrinfo HAS_GETADDRINFO /**/
?H:.
?LINT:set d_getaddrinfo
: see if getaddrinfo exists
set getaddrinfo d_getaddrinfo
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getaddrinfo.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_mbtowc.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_mbtowc.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:30 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_mbtowc: Inlibc
?MAKE: -pick add \$@ %<
?S:d_mbtowc:
?S: This variable conditionally defines the HAS_MBTOWC symbol, which
?S: indicates to the C program that the mbtowc() routine is available
?S: to convert multibyte to a wide character.
?S:.

?C:HAS_MBTOWC (MBTOWC):

?C: This symbol, if defined, indicates that the mbtowc routine is available

?C: to

convert a multibyte to a wide character.

?C:.

?H:#\$d_mbtowc HAS_MBTOWC /**/

?H:.

?LINT:set d_mbtowc

: see if mbtowc exists

set mbtowc d_mbtowc

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mbtowc.U

No license file was found, but licenses were detected in source scan.

* You may redistribute only under the terms of the Artistic Licence,

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/files/Jmake.tmpl

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_lround: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lround:

?S: This variable conditionally defines the HAS_LROUND symbol, which

?S: indicates to the C program that the lround() routine is available

?S: to return the integral value nearest to x.

?S:.

?C:HAS_LROUND:

?C: This symbol, if defined, indicates that the lround routine is

?C: available to return the nearest integral value.

?C:.

?H:#\$d_lround HAS_LROUND /**/

?H:.

?LINT:set d_lround

: see if lround exists

set lround d_lround

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lround.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysutsname.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysutsname: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sysutsname:
?S: This variable conditionally defines the I_SYSUTSNAME symbol,
?S: and indicates whether a C program should include <sys/utsname.h>.
?S:.
?C:I_SYSUTSNAME:
?C: This symbol, if defined, indicates that <sys/utsname.h> exists and
?C: should be included.
?C:.
?H:#$i_sysutsname I_SYSUTSNAME /**/
?H:.
?LINT:set i_sysutsname
: see if this is a sys/utsname.h system
set sys/utsname.h i_sysutsname
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysutsname.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_systable.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_systable.U,v $
?RCS: Revision 3.0.1.1 1993/10/16 13:50:20 ram
?RCS: patch12: created
?RCS:
?RCS:
?MAKE:i_systable: Inhdr
?MAKE: -pick add $@ %<
```

```
?S:i_systable:
?S: This variable conditionally defines the I_SYS_TABLE symbol, and
?S: indicates whether a C program should include <sys/table.h>.
?S:.
?C:I_SYS_TABLE:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/table.h> for the OSF/1 table() system call.
?C:.
?H:#$i_systable
I_SYS_TABLE /**/
?H:.
?LINT:set i_systable
: see if this is an OSF sys/table system
set sys/table.h i_systable
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_systable.U
```

No license file was found, but licenses were detected in source scan.

```
#####
```

```
## Jmake rules for building libraries, programs, scripts, and data files
## $Id: Jmake.rules 18 2006-12-27 10:35:09Z rmanfredi $
```

```
/*
* MACHINE-INDEPENDENT RULES -- DO NOT MODIFY
*/
```

```
/* $Id: Jmake.rules 18 2006-12-27 10:35:09Z rmanfredi $
```

```
*
* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
* You may redistribute only under the terms of the Artistic Licence,
* as specified in the README file that comes with the distribution.
* You may reuse parts of this distribution only within the terms of
* that same Artistic Licence; a copy of which may be found at the root
* of the source tree for dist 4.0.
```

```
*
* $Log: Jmake.rules,v $
* Revision 3.0.1.7 2004/08/22 08:28:58 ram
* patch71: random cleanup
*
* Revision 3.0.1.6 1997/02/28 14:56:01 ram
* patch61: now handles USRINC for dependencies
* patch61: smarter about dependencies
computation
*
```



```

* Revision 3.0.1.5 1995/09/25 09:07:19 ram
* patch59: smarter sed command to strip /usr/include dependencies
*
* Revision 3.0.1.4 1995/07/25 13:33:59 ram
* patch56: install of script man pages can now cope with missing files
* patch56: the clobber target now removes the .config directory as well
*
* Revision 3.0.1.3 1995/03/21 08:35:28 ram
* patch52: suppressed extra argument to NormalProgramTarget call
*
* Revision 3.0.1.2 1995/01/11 14:49:55 ram
* patch45: new macros ShellScriptTargetExt and SimpleShellScriptTargetExt
* patch45: directory installation is now made via INSTALLDIR (Configure)
*
* Revision 3.0.1.1 1994/10/29 15:46:30 ram
* patch36: added RemoteDependency rule
*
* Revision 3.0 1993/08/18 12:04:14 ram
* Baseline for dist 3.0 netwide release.
*
*/

```

```

/* Please, edit only with tabstops = 4 (":set ts=4" under vi) */

```

```

/*

```

```

* AddedByConfigure:
* Gives name of the files generated by Configure that can safely
* be removed
when a "make clobber" is issued. Not that it is useless
* to name config.h or config.sh because these are already taken care
* of by jmake.

```

```

*/

```

```

#define AddedByConfigure(files) @!\
local_clobber:: @@\
$(RM) files

```

```

/*

```

```

* AddSuffix:
* Adds a suffix to the .SUFFIXES: list.

```

```

*/

```

```

#define AddSuffix(ext) @!\
|suffix ext

```

```

/*

```

```

* AllTarget:
* Generate rules to build necessary things during make all.

```

```

*/

```

```

#define AllTarget(depends) @!\
all:: depends  @!\
    @!\
local_realclean::  @@\
$(RM) depends

/*
* RemoveTargetProgram:
* This is used in some other macros in order to remove the target
* before starting its building (saves disk space). There should be
* no '@!' at the end of the '#define' line, because this macro is
* used *inside* building rules.
*/
#define RemoveTargetProgram(program) \
$(RM) program @@\
if test -f program^^^$_EXE; then \ @@\
$(MV) program^^^$_EXE program^^~^^^$_EXE; fi

/*
* NormalProgramTarget:
* Generate rules to compile and link the
indicated program; since
* it does not use any default object files, it may be used for
* multiple programs in the same Jmakefile.
*/
#define NormalProgramTarget(program,sources,objects) @!\
++OBJECTS objects @!\
++SOURCES sources @!\
NormalObjectRule() @!\
AllTarget(program) @!\
    @!\
program: objects  @@\
RemoveTargetProgram($@) @@\
$(CC) -o $@ objects $(JLDFLAGS) $(LIBS) @!\

/*
* SingleProgramTarget:
* Obsolete version of NormalProgramTarget that doesn't have
* deplibs.
*/
#define SingleProgramTarget(program,objects,libs) \
NormalProgramTarget(program,objects,libs)

/*
* SimpleProgramTarget:
* Generate rules for compiling and linking programs that only have
* one C source file. It should only be used in Jmakefiles that

```

```

* describe a single program.
*/
#define SimpleProgramTarget(program) @!\
NormalProgramTarget(program,program.c,program.o)

/*
* ComplexProgramTarget:
* Generate rules for compiling and linking the program specified by
* $(OBJS) and
* $(SRCS), installing the program and its man page, and
* generating dependencies. It should only be used in Jmakefiles
* that describe a single program.
*/
#define ComplexProgramTarget(program) @!\
++OBJECTS $(OBJS) @!\
++SOURCES $(SRCS) @!\
NormalObjectRule() @!\
AllTarget(program) @!\
    @!\
program: $(OBJS) @@\
RemoveTargetProgram($@) @@\
$(CC) -o $@ $(OBJS) $(JLDFLAGS) $(LIBS) @!\
    @!\
InstallProgram(program,$(BINDIR)) @!\
InstallManPage(program,$(MANSRC)) @!\
DependTarget() @!\
LintTarget()

/*
* ComplexProgramTarget_1:
* Generate rules for compiling and linking the program specified by
* $(OBJS1) and $(SRCS1), installing the program and its man page,
* and generating dependencies for it and any programs described by
* $(SRCS2) and $(SRCS3). It should be used to build the primary
* program in Jmakefiles that describe multiple programs.
*/
#define ComplexProgramTarget_1(program) @!\
++OBJECTS $(OBJS1) @!\
++SOURCES $(SRCS1) @!\
NormalObjectRule() @!\
AllTarget(program) @!\
    @!\
program:
$(OBJS1) @@\
RemoveTargetProgram($@) @@\

```

```

$(CC) -o $@ $(OBJS1) $(JLDFLAGS) $(LIBS) @!\
    @!\
InstallProgram(program,$(BINDIR)) @!\
InstallManPage(program,$(MANSRC)) @!\
    @!\
DependTarget()    @!\
LintTarget()

/*
* ComplexProgramTarget_2:
* Generate rules for compiling and linking the program specified by
* $(OBJS2) and $(SRCS2) and installing the program and man page.
* It should be used to build the second program in Jmakefiles
* describing more than one program.
*/
#define ComplexProgramTarget_2(program) @!\
++OBJECTS $(OBJS2) @!\
++SOURCES $(SRCS2) @!\
NormalObjectRule()    @!\
AllTarget(program)    @!\
    @!\
program: $(OBJS2)    @@\
RemoveTargetProgram($@) @@\
$(CC) -o $@ $(OBJS2) $(JLDFLAGS) $(LIBS) @!\
    @!\
InstallProgram(program,$(BINDIR)) @!\
InstallManPage(program,$(MANSRC))

/*
* ComplexProgramTarget_3:
* Generate rules for compiling and linking the
program specified by
* $(OBJS3) and $(SRCS3) and installing the program and man page. It
* should be used to build the third program in Jmakefiles describing
* more than one program.
*/
#define ComplexProgramTarget_3(program) @!\
++OBJECTS $(OBJS3) @!\
++SOURCES $(SRCS3) @!\
NormalObjectRule()    @!\
AllTarget(program)    @!\
    @!\
program: $(OBJS3)    @@\
RemoveTargetProgram($@) @@\
$(CC) -o $@ $(OBJS3) $(JLDFLAGS) $(LIBS) @!\
    @!\

```

```
InstallProgram(program,$(BINDIR)) @!\
InstallManPage(program,$(MANSRC))
```

```
/*
```

```
* ComplexShellManualTarget:
* Builds manual pages that are to be extracted from .SH files into
* .$manext files.
```

```
*/
```

```
#define ComplexShellManualTarget(manpages) @!\
```

```
++MANPAGE manpages @!\
```

```
|once _ShellManualRule_ @!\
```

```
|rule:.SH.$manext: @!\
```

```
|rule: /bin/sh $< @!\
```

```
|rule: @!\
```

```
-once @!\
```

```
AddSuffix(.SH) @!\
```

```
AddSuffix($manext) @!\
```

```
AllTarget(manpages) @!\
```

```
@!\
```

```
local_install.man:: @@\
```

```
_MakeInstallDirIgnore($(MANSRC)) \ @@\
```

```
for
```

```
file in manpages; do \ @@\
```

```
(set -x; $(INSTALL) -c -m 444 $$file \ @@\
```

```
$(INSTALL_PREFIX)$MANSRC) || exit 1; \ @@\
```

```
done @!\
```

```
@!\
```

```
local_deinstall.man:: @@\
```

```
@case '{$MFLAGS}' in *[i]*) set +e;; esac; \ @@\
```

```
for file in manpages; do \ @@\
```

```
(set -x; $(RM) $(INSTALL_PREFIX)$MANSRC/$$file); \ @@\
```

```
done
```

```
/*
```

```
* Initialize:
* Puts the line symbol = value in the initialization section of
* Makefile.SH (the one that is subject to parameter substitutions).
```

```
*/
```

```
#define Initialize(symbol,value) @!\
```

```
+symbol = value
```

```
/*
```

```
* InstallLibrary:
* Generate rules to install the indicated library.
```

```
*/
```

```

#define InstallLibrary(libname,dest) @!\
local_install:: lib^^libname.a @@\
  _MakeInstallDirIgnore(dest) \ @@\
$(INSTALL) -c -m 644 lib^^libname.a $(INSTALL_PREFIX)^^^dest @@\
$(RANLIB) dest/lib^^libname.a @@\
chmod 444 dest/lib^^libname.a @!\
  @!\
local_deinstall::  @@\
$(RM) $(INSTALL_PREFIX)^^^dest/lib^^libname.a

/*
* InstallSharedLibrary:
* Generate rules to install
the shared library.
*/
#define InstallSharedLibrary(libname,rev,dest) @!\
local_install:: lib^^libname.so.rev @@\
  _MakeInstallDirIgnore(dest) \ @@\
$(INSTALL) -c -m 444 lib^^libname.so.rev $(INSTALL_PREFIX)^^^dest @!\
  @!\
local_deinstall::  @@\
$(RM) $(INSTALL_PREFIX)^^^dest/lib^^libname.so.rev

/*
* InstallSharedLibraryData:
* Generate rules to install the shared library data
*/
#define InstallSharedLibraryData(libname,rev,dest) @!\
local_install:: lib^^libname.sa.rev @@\
  _MakeInstallDirIgnore(dest) \ @@\
$(INSTALL) -c -m 444 lib^^libname.sa.rev $(INSTALL_PREFIX)^^^dest @!\
  @!\
local_deinstall::  @@\
$(RM) $(INSTALL_PREFIX)^^^dest/lib^^libname.sa.rev

/*
* InstallLibraryAlias:
* Generate rules to create a link from one library name to another
* for the purposes of aliasing.
*/
#define InstallLibraryAlias(libname,alias,dest) @!\
local_install:: lib^^libname.a @@\
$(RM) lib^^alias.a @@\
-(cd dest; $(LN) lib^^libname.a lib^^alias.a)

```

```

@!\
  @!\
local_deinstall::  @@\
$(RM) dest/lib^^alias.a

/*
* InstallLintLibrary:
* Generate rules to install the indicated lint library.
*/
#define InstallLintLibrary(libname,dest) @!\
install.ln:: llib-1^^libname.ln  @@\
  _MakeInstallDirIgnore(dest) \  @@\
$(INSTALL) -c -m 444 llib-1^^libname.ln $(INSTALL_PREFIX)^^dest @!\
  @!\
deinstall.ln::  @@\
$(RM) $(INSTALL_PREFIX)^^dest/llib-1^^libname.ln

/*
* InstallManPageLong:
* Generate rules to install the indicated manual page, giving it an
* alternate name. This is used for installing man pages whose base
* name without the .man suffix would normally be longer than 8
* characters (the limit for using source code control systems on
* files systems with short file names).
*/
#define InstallManPageLong(file,destdir,dest) @!\
local_install.man:: file.man  @@\
  _MakeInstallDirIgnore(destdir) \  @@\
$(INSTALL) -c -m 444 file.man $(INSTALL_PREFIX)^^destdir/dest.$(L) @!\
  @!\
local_deinstall.man::  @@\
$(RM)
$(INSTALL_PREFIX)^^destdir/dest.$(L) @!\

/*
* InstallManPage:
* Generate rules to install the indicated manual page.
*/
#define InstallManPage(file,dest) @!\
InstallManPageLong(file,dest,file)

/*
* InstallNonExec:
* Generate rules to install a data file using any special

```

```

* install flags.
*/
#define InstallNonExec(file,dest) @!\
local_install:: file  @@\
  _MakeInstallDirIgnore(dest) \ @@\
  $(INSTALL) -c -m 444 file $(INSTALL_PREFIX)^^^dest @!\
  @!\
local_deinstall::  @@\
  $(RM) $(INSTALL_PREFIX)^^^dest/file

/*
* InstallProgramWithFlags:
* Generate rules to install an executable program using given
* install flags.
*/
#define InstallProgramWithFlags(program,dest,flags) @!\
local_install:: program  @@\
  _MakeInstallDirIgnore(dest) \ @@\
  $(INSTALL) -c -s -m 555 flags program^^^$_EXE $(INSTALL_PREFIX)^^^dest @!\
  @!\
local_deinstall::  @@\
  $(RM) $(INSTALL_PREFIX)^^^dest/program^^^$_EXE

/*
* InstallProgramNoStripWithFlags:
* Generate rules to install an executable program using given
* install flags.
*/
#define InstallProgramNoStripWithFlags(program,dest,flags) @!\
local_install:: program  @@\
  _MakeInstallDirIgnore(dest) \ @@\
  $(INSTALL) -c -m 555 flags program^^^$_EXE $(INSTALL_PREFIX)^^^dest @!\
  @!\
local_deinstall::  @@\
  $(RM) $(INSTALL_PREFIX)^^^dest/program^^^$_EXE

/*
* InstallProgram:
* Generate rules to install an executable program using any special
* install flags set in $(INSTALLFLAGS).
*/
#define InstallProgram(program,dest) @!\
InstallProgramWithFlags(program,dest,^^)

```



```

/*
* InstallProgramNoStrip:
* Generate rules to install an executable program using any special
* install flags set in $(INSTALLFLAGS), but without stripping the
* executable from debugging symbols.
*/
#define InstallProgramNoStrip(program,dest) @!\
InstallProgramNoStripWithFlags(program,dest,^^)

/*
* InstallScriptWithFlags:
* Generate rules to install an executable script using given
* install
* flags.
*/
#define InstallScriptWithFlags(script,dest,flags) @!\
local_install:: script  @@\
_MakeInstallDirIgnore(dest) \ @@\
$(INSTALL) -c -m 555 flags script $(INSTALL_PREFIX)^^^dest @!\
    @!\
local_deinstall::  @@\
$(RM) $(INSTALL_PREFIX)^^^dest/script

/*
* InstallScript:
* Generate rules to install an executable script using any special
* install flags set in $(INSTALLFLAGS).
*/
#define InstallScript(script,dest) @!\
InstallScriptWithFlags(script,dest,^^)

/*
* InstallScripts:
* Generate rules to install all the scripts listed in the generated
* $(SCRIPTS) and $(LSCRIPTS) macros.
*/
#define InstallScripts() @!\
|once _InstallScripts_ @!\
local_install:: $(SCRIPTS) $(LSCRIPTS)  @@\
_MakeInstallDirIgnore($(SCRIPTDIR)) \ @@\
for file in $(SCRIPTS) $(LSCRIPTS); do \ @@\
    (set -x; \ @@\
    $(INSTALL) -c -m 555 $$file $(INSTALL_PREFIX)$(SCRIPTDIR)) || \ @@\
    exit 1; \ @@\
done  @!\

```

```

    @!\
local_deinstall:: @@\
    @for file in $(SCRIPTS)
$(LSCRIPTS); do \ @@\
    case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
    (set -x; $(RM) $(INSTALL_PREFIX)$(SCRIPTDIR)/$file); \ @@\
done    @!\
-once

/*
* InstallManScripts:
* Generate rule to install/deinstall manual pages for scripts listed
* in the automatically generated $(SCRIPTS) macro.
*/
#define InstallManScripts() @!\
|once _InstallManScripts_ @!\
?NOMAN:|skip    @!\
local_install.man:: @@\
    _MakeInstallDirIgnore$(MANSRC) \ @@\
for file in $(SCRIPTS); do \ @@\
if test -f $$file.man; then \ @@\
    (set -x; \    @@\
    $(INSTALL) -c -m 444 $$file.man \ @@\
    $(INSTALL_PREFIX)$(MANSRC)/$$file.$(L)) || \ @@\
    exit 1; \ @@\
fi; \    @@\
done    @!\
    @!\
local_deinstall.man:: @@\
    case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
for file in $(SCRIPTS); do \ @@\
    (set -x; $(RM) $(INSTALL_PREFIX)$(MANSRC)/$$file.$(L)); \ @@\
done    @!\
    @!\
-skip    @!\
-once

/*
* LinkFileList:
* Link a list of list of files from one place to another
*/
#define LinkFileList(step,list,dir,sub) @!\
step:: list    @@\
    @case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
    echo " cd" dir; cd dir; for i in list; do (set -x; $(LN) sub/$$i .); done

```

```

/*
* InstallMultipleDestFlags:
* Generate rules to install multiple files at once during a particular
* step in the build using a specific set of install flags.
*/
#define InstallMultipleDestFlags(step,list,dest,flags) @!\
step:: list    @@\
  _MakeInstallDirIgnore(dest) \ @@\
  for i in list; do \    @@\
    (set -x; $(INSTALL) -c flags \ @@\
     $$i $(INSTALL_PREFIX)^^^dest) || exit 1;\    @@\
  done

/*
* DeinstallMultipleDest:
* Generate rules to deinstall multiple files at once during a particular
* step in the build.
*/
#define DeinstallMultipleDest(step,list,dest) @!\
step::    @@\
  @case '{MFLAGS}' in *[i]*) set +e;; esac; \ @@\
  for i in list; do \    @@\
    (set -x; $(RM) $(INSTALL_PREFIX)^^^dest/$$i); \    @@\
  done

/*
* InstallMultiple:
* Generate rules to install multiple
* files at once during the install
* step of the build using any install flags set in $(INSTALLFLAGS)
* and deinstall them.
*/
#define InstallMultiple(list,dest) @!\
InstallMultipleDestFlags(local_install,list,dest,$(INSTALLFLAGS)) @!\
DeinstallMultipleDest(local_deinstall,list,dest)

/*
* InstallMultipleFlags:
* Generate rules to install multiple files at once during the
* install step of the build using the given install flags.
*/
#define InstallMultipleFlags(list,dest,flags) @!\
InstallMultipleDestFlags(local_install,list,dest,flags) @!\
DeinstallMultipleDest(local_deinstall,list,dest)

```

```

/*
* InstallMultipleMan:
* Generate rules to install a variety of manual pages
* during the install.man step of the build.
*/
#define InstallMultipleMan(list,dest) @!\
InstallMultipleDestFlags(local_install.man,list,dest,$(INSTALLFLAGS)) @!\
DeinstallMultipleDest(local_deinstall.man,list,dest)

/*
* DependDependency:
* Generate rules to build the makedepend program.
*/
#define DependDependency()
    @!\
depend:: TOPDIR/mkdep    @!\
    @!\
TOPDIR/mkdep:    @!\
?TOP: @echo "You have to run Configure first."; exit 1 @!\
%TOP: @echo "You have to run Configure in $(TOP) first."; exit 1

/*
* DependTarget:
* Generate rules to compute dependencies for all files listed
* in $(SOURCES) (automatically generated macro).
*/
#define DependTarget() @!\
+USRINC = $usrinc @!\
|once _DependTarget_ @!\
DependDependency() @!\
    @!\
depend::    @@\
($SED) '/^# DO NOT DELETE/q' Makefile && \ @@\
$(MKDEP) $(SOURCES) | \ @@\
$(SED) -e 's:/usr/lib[^ ]*::g; s:$(USRINC)[^ ]*::g; ' \ @@\
-e '/: / b print' -e '$$ b print' -e 'H; d; n; : print' \ @@\
-e 'x; s\\$$//; s\\n//g; s/ ^^ */ /g; s/ :/:' -e '/: *$$/d' \ @@\
) > Makefile.new    @@\
cp Makefile Makefile.bak    @@\
cp Makefile.new Makefile    @@\
$(RM) Makefile.new    @!\
    @!\
-once

/*

```

```

* CleanTarget:
* Generate rules to remove any garbage files.
*/
#define CleanTarget()  @!\
?SUBDIRS:clean:
  sub_clean local_clean  @!\
%SUBDIRS:clean: local_clean  @!\
?SUBDIRS:realclean: sub_realclean local_realclean @!\
%SUBDIRS:realclean: local_realclean  @!\
?SUBDIRS:clobber: sub_clobber local_clobber  @!\
%SUBDIRS:clobber: local_clobber  @!\
  @!\
local_clean::  @@\
if test -f core; then $(RM) core; fi @@\
$(RM) *~ *.o  @!\
  @!\
local_realclean:: local_clean  @!\
?TOP: $(RM) -r UU  @!\
  @!\
local_clobber:: local_realclean  @!\
%TOP: $(RM) Makefile config.sh  @!\
?TOP: $(RM) config.sh config.h  @!\
?TOP: $(RM) -r .config  @!\
?TOP: $(RM) Makefile  @!\

/*
* InstallTarget:
* Generate rules to recursively install files
*/
#define InstallTarget()  @!\
?SUBDIRS:install:: local_install sub_install  @!\
%SUBDIRS:install:: local_install  @!\
?SUBDIRS:install.man:: maybe_install.man sub_install.man  @!\
%SUBDIRS:install.man:: maybe_install.man  @!\
?SUBDIRS:deinstall:: sub_deinstall local_deinstall  @!\
%SUBDIRS:deinstall::
  local_deinstall  @!\
?SUBDIRS:deinstall.man:: sub_deinstall.man maybe_deinstall.man @!\
%SUBDIRS:deinstall.man:: maybe_deinstall.man  @!\
  @!\
?MANSRC:install.man-yes: local_install.man  @!\
install.man-no:  @!\
?MANSRC:deinstall.man-yes: local_deinstall.man  @!\
deinstall.man-no:  @!\

/*

```

```

* TagsTarget:
* Generate rules to compute tags files for C source code.
*/
#define TagsTarget() @!\
tags::    @@\
$(CTAGS) -w *. [ch]  @@\
$(CTAGS) -xw *. [ch] > tags  @!\
        @!\
local_clobber::    @@\
$(RM) tags

/*
* BuildMakefileSH:
* Generate rules to build a Makefile.SH from an Jmakefile and any
* special jmake flags. This is generally done automatically by the
* template or by any special Jmakefiles.
* This function will simply touch Makefile.SH if no $(TOP)/.package
* exists, assuming the Jmakefile is not in a production environment.
*/
#define BuildMakefileSH(jmakeflags) @!\
Makefile.SH:
Jmakefile    @@\
-@if test -f $(TOP)/.package; then \ @@\
if test -f Makefile.SH; then \ @@\
    echo "$(RM) Makefile.SH~; $(MV) Makefile.SH Makefile.SH~"; \ @@\
    $(RM) Makefile.SH~; $(MV) Makefile.SH Makefile.SH~; \ @@\
fi; \    @@\
echo "$(JMAKE) -DTOPDIR=$(TOP) -DCURDIR=$(CURRENT)" jmakeflags; \ @@\
$(JMAKE) -DTOPDIR=$(TOP) -DCURDIR=$(CURRENT) jmakeflags; \ @@\
else touch $@; fi

/*
* BuildMakefile:
* Generate rules to build a Makefile from a Makefile.SH.
*/
#define BuildMakefile() @!\
Makefile: Makefile.SH    @@\
/bin/sh Makefile.SH

/*
* MakefileTarget:
* Generate rules to build a normal Makefile.
*/
#define MakefileTarget() @!\

```

```
BuildMakefileSH(^) @!\
BuildMakefile()
```

```
/*
```

```
* NormalObjectRule:
* Generate make rule to build usual object files.
```

```
*/
```

```
#define NormalObjectRule() @!\
|once _ObjectRule_ @!\
|rule:.c.o: @!\
|rule: $(CC) -c $(JCFLAGS) $< @!\
|rule: @!\
-once
```

```
/*
```

```
* NormalLibraryObjectRule:
* Generate make rules to build
"normal" objects.
```

```
*/
```

```
#define NormalLibraryObjectRule() @!\
|once _ObjectRule_ @!\
|rule:.c.o: @!\
|rule: $(RM) $@ @!\
|rule: $(CC) -c $(JCFLAGS) $< @!\
|rule: @!\
-once
```

```
/*
```

```
* ProfiledLibraryObjectRule:
* Generate make rules to build both profiled and "normal" objects.
```

```
*/
```

```
#define ProfiledLibraryObjectRule() @!\
all:: @@\
    @if [ ! -d profiled ]; then mkdir profiled; fi @!\
    @!\
|rule:.c.o: @!\
|rule: $(RM) $@ profiled/$@ @!\
|rule: $(CC) -pg -c $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o profiled/$*.o @!\
|rule: $(CC) -c $(JCFLAGS) $*.c @!\
|rule: @!\
local_clean:: @@\
    -@if [ -d profiled ]; then echo " $(RM) profiled/?*.o"; \ @@\
    $(RM) profiled/?*.o; fi
```

```
/*
```

```

* DebuggedLibraryObjectRule:
* Generate make rules to build both debuggable and "normal"
* objects.
*/
#define DebuggedLibraryObjectRule() @!\
all::    @@\
    @if [ ! -d debugger ]; then mkdir debugger; fi @!\
        @!\
|rule:.c.o:    @!\
|rule: $(RM) $@
debugger/$@ @!\
|rule: $(CC) -g -c $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o debugger/$*.o @!\
|rule: $(CC) -c $(JCFLAGS) $*.c @!\
|rule:    @!\
local_clean::    @@\
-@if [ -d debugger ]; then echo " $(RM) debugger/?*.o"; \ @@\
$(RM) debugger/?*.o; fi

/*
* DebuggedAndProfiledLibraryObjectRule:
* Generate make rules to build debuggable, profiled, and "normal"
* objects.
*/
#define DebuggedAndProfiledLibraryObjectRule() @!\
all::    @@\
    @if [ ! -d profiled ]; then mkdir profiled; fi @@\
    @if [ ! -d debugger ]; then mkdir debugger; fi @!\
        @!\
|rule:.c.o:    @!\
|rule: $(RM) $@ profiled/$@ debugger/$@ @!\
|rule: $(CC) -pg -c $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o profiled/$*.o @!\
|rule: $(CC) -g -c $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o debugger/$*.o @!\
|rule: $(CC) -c $(JCFLAGS) $*.c @!\
|rule:    @!\
local_clean::    @@\
-@if [ -d profiled ]; then echo " $(RM) profiled/?*.o"; \ @@\
$(RM) profiled/?*.o; fi @@\
-@if [ -d debugger ];
then echo " $(RM) debugger/?*.o"; \ @@\
$(RM) debugger/?*.o; fi

/*
* SharedLibraryObjectRule:

```



```

* Generate make rules to build shared and "normal" object files.
*/
#define SharedLibraryObjectRule() @!\
all::    @@\
    @if [ ! -d shared ]; then mkdir shared; fi @!\
        @!\
|rule:.c.o:    @!\
|rule: $(RM) $@ shared/$@ @!\
|rule: $(CC) -pic -c $(SHARED_CODEDEF) $(SHLIBDEF) $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o shared/$*.o @!\
|rule: $(CC) -c $(SHLIBDEF) $(JCFLAGS) $*.c @!\
|rule:    @!\
local_clean::    @@\
    -@if [ -d shared ]; then echo " $(RM) shared/?*.o"; \ @@\
    $(RM) shared/?*.o; fi

/*
* SharedAndDebuggedLibraryObjectRule:
* Generate make rules to build shared, debuggable, and "normal"
* object files.
*/
#define SharedAndDebuggedLibraryObjectRule() @!\
all::    @@\
    @if [ ! -d shared ]; then mkdir shared; fi @@\
    @if [ ! -d debugger ]; then mkdir debugger; fi @!\
        @!\
|rule:.c.o:    @!\
|rule: $(RM) $@ shared/$@ debugger/$@ @!\
|rule:
    $(CC) -pic -c $(SHARED_CODEDEF) $(SHLIBDEF) $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o shared/$*.o @!\
|rule: $(CC) -g -c $(SHLIBDEF) $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o debugger/$*.o @!\
|rule: $(CC) -c $(SHLIBDEF) $(JCFLAGS) $*.c @!\
|rule:    @!\
local_clean::    @@\
    -@if [ -d shared ]; then echo " $(RM) shared/?*.o"; \ @@\
    $(RM) shared/?*.o; fi @@\
    -@if [ -d debugger ]; then echo " $(RM) debugger/?*.o"; \ @@\
    $(RM) debugger/?*.o; fi

/*
* SpecialSharedAndDebuggedObjectRule:
* Generate rules to compile a file with special flags and to make
* shared and debuggable versions.
*/
#define SpecialSharedAndDebuggedObjectRule(objs,depends,options) @!\
all::    @@\

```

```

@if [ ! -d shared ]; then mkdir shared; fi @@\
@if [ ! -d debugger ]; then mkdir debugger; fi @!\
    @!\
objs: depends    @@\
$(RM) $@ shared/$@ debugger/$@ @@\
$(CC) -pic -c $(SHARED_CODEDEF) $(SHLIBDEF) $(JCFLAGS) options $*.c @@\
$(MV) $*.o shared/$*.o  @@\
$(CC)
-g -c $(SHLIBDEF) $(JCFLAGS) options $*.c  @@\
$(MV) $*.o debugger/$*.o  @@\
$(CC) -c $(SHLIBDEF) $(JCFLAGS) options $*.c

/*
* SpecialSharedObjectRule:
* Generate rules to compile a file with special flags and to make
* shared and debuggable versions.
*/
#define SpecialSharedObjectRule(objs,depends,options) @!\
all::    @@\
    @if [ ! -d shared ]; then mkdir shared; fi @!\
        @!\
objs: depends    @@\
$(RM) $@ shared/$@  @@\
$(CC) -pic -c $(SHARED_CODEDEF) $(SHLIBDEF) $(JCFLAGS) options $*.c @@\
$(MV) $*.o shared/$*.o  @@\
$(CC) -c $(SHLIBDEF) $(JCFLAGS) options $*.c

/*
* SpecialObjectRule:
* Generate rules to compile a file with special flags.
*/
#define SpecialObjectRule(objs,depends,options) @!\
objs: depends    @@\
$(RM) $@  @@\
$(CC) -c $(JCFLAGS) options $*.c

/*
* SpecialProfiledObjectRule:
* Generate rules to compile a file with special flags and to make a
* profiled version.
*/
#define SpecialProfiledObjectRule(objs,depends,options) @!\
all::    @@\
    @if
[ ! -d profiled ]; then mkdir profiled; fi @!\
        @!\

```

```

objs: depends    @@\
$(RM) $@ profiled/$@  @@\
$(CC) -pg -c $(JCFLAGS) options $*.c @@\
$(MV) $*.o profiled/$*.o  @@\
$(CC) -c $(JCFLAGS) options $*.c

/*
* SpecialDebuggedObjectRule:
* Generate rules to compile a file with special flags and to make a
* debuggable version.
*/
#define SpecialDebuggedObjectRule(objs,depends,options) @!\
all::    @@\
@if [ ! -d debugger ]; then mkdir debugger; fi @!\
    @!\
objs: depends    @@\
$(RM) $@ debugger/$@  @@\
$(CC) -g -c $(JCFLAGS) options $*.c @@\
$(MV) $*.o debugger/$*.o  @@\
$(CC) -c $(JCFLAGS) options $*.c

/*
* SpecialDebuggedAndProfiledObjectRule:
* Generate rules to compile a file with special flags and to make
* debuggable and profiled versions.
*/
#define SpecialDebuggedAndProfiledObjectRule(objs,depends,options) @!\
all::    @@\
@if [ ! -d profiled ]; then mkdir profiled; fi @@\
@if [ ! -d
debugger ]; then mkdir debugger; fi @!\
    @!\
objs: depends    @@\
$(RM) $@ profiled/$@ debugger/$@  @@\
$(CC) -pg -c $(JCFLAGS) options $*.c @@\
$(MV) $*.o profiled/$*.o  @@\
$(CC) -g -c $(JCFLAGS) options $*.c @@\
$(MV) $*.o debugger/$*.o  @@\
$(CC) -c $(JCFLAGS) options $*.c

/*
* NormalLibraryTarget:
* Generate rules to create a library. The 'srclist' and 'objlist'
* parameters are added to SOURCES and OBJECTS macros. The 'srclist'
* is not otherwise used by this rule, but is necessary for make depend.

```

```

*/
#define NormalLibraryTarget(libname,srclist,objlist) @!\
++OBJECTS objlist @!\
++SOURCES srclist @!\
NormalLibraryObjectRule() @!\
AllTarget(lib^^libname.a) @!\
    @!\
lib^^libname.a: objlist @@\
$(RM) $@ @@\
$(AR) $@ objlist @@\
$(RANLIB) $@

/*
* NormalSharedLibraryTarget:
* Generate rules to create a shared library; build it into a
* different name so that the we don't hose people by having the
* library gone for long periods.
*/
#define
NormalSharedLibraryTarget(libname,rev,solist) @!\
AllTarget(lib^^libname.so.rev) @!\
    @!\
lib^^libname.so.rev: solist @@\
$(RM) $@~ @@\
(cd shared; $(LD) -o ../$@~ -assert pure-text solist) @@\
$(RM) $@ @@\
$(MV) $@~ $@

/*
* NormalSharedLibraryDataTarget:
* Generate rules to create shlib data file; build it into a
* different name so that the we don't hose people by having the
* library gone for long periods.
*/
#define NormalSharedLibraryDataTarget(libname,rev,salist) @!\
AllTarget(lib^^libname.sa.rev) @!\
    @!\
lib^^libname.sa.rev: salist @@\
$(RM) $@ @@\
$(AR) $@ salist @@\
$(RANLIB) $@

/*
* NormalLibraryTarget2:
* Generate rules to create a library in two steps. This is used to
* create libraries with large numbers of files.

```

```

*/
#define NormalLibraryTarget2(libname,srclist,objlist1,objlist2) @!\
++SOURCES srclist @!\
++OBJECTS objlist1 @!\
++OBJECTS objlist2 @!\
NormalLibraryObjectRule() @!\
AllTarget(lib^^libname.a) @!\
    @!\
lib^^libname.a:
objlist1 objlist2 @@\
$(RM) $@    @@\
$(AR) $@ objlist1    @@\
$(AR) $@ objlist2    @@\
$(RANLIB) $@

```

```

/*
* ProfiledLibraryTarget:
* Generate rules to create a profiled library.
*/

```

```

#define ProfiledLibraryTarget(libname,srclist,objlist) @!\
++SOURCES srclist @!\
++OBJECTS objlist @!\
AllTarget(lib^^libname^^_p.a) @!\
    @!\
lib^^libname^^_p.a: objlist    @@\
$(RM) $@    @@\
cd profiled; $(AR) ../$@ objlist @@\
$(RANLIB) $@

```

```

/*
* DebuggedLibraryTarget:
* Generate rules to create a debuggable library.
*/

```

```

#define DebuggedLibraryTarget(libname,srclist,objlist) @!\
++SOURCES srclist @!\
++OBJECTS objlist @!\
AllTarget(lib^^libname^^_d.a) @!\
    @!\
lib^^libname^^_d.a: objlist    @@\
$(RM) $@    @@\
cd debugger; $(AR) ../$@ objlist @@\
$(RANLIB) $@

```

```

/*
* AliasedLibraryTarget:

```

```

* Generate rules to link one library to another.
*/
#define AliasedLibraryTarget(libname,alias) @!\
AllTarget(lib^^alias.a) @!\
    @!\
lib^^alias.a:
lib^^libname.a @@\
$(RM) $@  @@\
$(LN) lib^^libname.a $@

/*
* PrelinkedRelocatableTarget:
* Generate rules to produce a relocatable object file instead of a
* library.
*/
#define PrelinkedRelocatableTarget(objname,objlist,libs) @!\
AllTarget(objname.o) @!\
    @!\
objname.o: objlist  @@\
$(RM) $@  @@\
$(LD) $(JLDFLAGS) -r objlist -o $@ libs

/*
* NormalObjectTarget:
* Generate rules to produce a single object file.o from a file.c.
*/
#define NormalObjectTarget(file) @!\
++SOURCES file^^.c  @!\
AllTarget(file^^.o) @!\
NormalObjectRule()

/*
* NormalRelocatableTarget:
* Generate rules to produce a relocatable object file instead of a
* library.
*/
#define NormalRelocatableTarget(objname,objlist) @!\
AllTarget(objname.o) @!\
    @!\
objname.o: objlist  @@\
$(RM) $@  @@\
$(LD) $(JLDFLAGS) -r objlist -o $@

/*
* ProfiledRelocatableTarget:

```

```

* Generate rules to produce a profiled relocatable object file
* instead
of a library.
*/
#define ProfiledRelocatableTarget(objname,objlist) @!\
AllTarget(objname^^_p.o) @!\
    @!\
objname^^_p.o: objlist  @@\
$(RM) $@  @@\
$(LD) -X -r objlist -o $@

/*
* DebuggedRelocatableTarget:
* Generate rules to produce a debuggable relocatable object file
* instead of a library.
*/
#define DebuggedRelocatableTarget(objname,objlist) @!\
AllTarget(objname^^_d.o) @!\
    @!\
objname^^_d.o: objlist  @@\
$(RM) $@  @@\
$(LD) -X -r objlist -o $@

/*
* LintLibraryTarget:
* Generate rules to create a lint library. Note that the lint
* library is always forced to be newer than the library itself.
*/
#define LintLibraryTarget(libname,srclist) @!\
lintlib:: llib-l^^libname.ln @!\
    @!\
llib-l^^libname.ln: srclist  @@\
$(RM) $@  @@\
$(LINT) $(LINTLIBFLAG)^^libname $(LINTFLAGS) srclist

/*
* NormalLintTarget:
* Generate rules to lint a set of sources.
*/
#define NormalLintTarget(srclist) @!\
lint:  @@\
$(LINT) $(LINTFLAGS) srclist
$(LINTLIBS)

/*

```

```

* LintTarget:
* Generate rules to lint $(SOURCES) (automatically generated)
*/
#define LintTarget() @!\
|once _LintTarget_ @!\
NormalLintTarget($(SOURCES)) @!\
-once

/*
* LinkSourceFile:
* Snag source file from some other directory
*/
#define LinkSourceFile(src,dir) @!\
src: dir/src @@\
$(RM) $@ @@\
$(LN) $? $@ @!\

/*
* MakeSubincludesForBuild:
* Make includes in sub directories.
*/
#define MakeSubincludesForBuild(step,dir,srclist) @!\
step:: dir srclist @@\
@-(list=`echo srclist | sed -e 's/[^\ ]*///g^'; \ @@\
set -x; cd dir; $(RM) $$list) @@\
@for i in srclist; do \ @@\
(set -x; cd dir; $(LN) ../$i .) || exit 1; \ @@\
done @!\
@!\
MakeDirectories(dir,dir) @!\
@!\
local_realclean:: @@\
@-(if [ -d dir ]; then \ @@\
list=`echo srclist | sed -e 's/[^\ ]*///g^'; \ @@\
set -x; cd dir; $(RM) $$list; fi)

/*
* CommonSubdirsRule:
* Rule for making $(TARGET) in
every subdirectory, with $(VERB) as
* verbose message and $(FLAGS) as additional flags.
*/
#define CommonSubdirsRule(dirs) @!\
subdirs: @@\
@case '${MFLAGS}' in *[ik]*) set +e;; esac; \ @@\

```



```

for i in dirs ;\  @@\
do \  @@\
(cd $$i ; echo $(VERB) "in $(DIR)$$i..."; \  @@\
$(MAKE) $(MFLAGS) $(FLAGS) $(TARGET)) || exit 1; \  @@\
done

```

/*

* NamedTargetSubdirsRule:
* Recursively make a series of steps in the specified directories.
*/

```

#define NamedTargetSubdirsRule(dirs,name,verb,flags) @!\
name::  @@\
@case '{$MFLAGS}' in *[ik]*) set +e;; esac; \  @@\
for i in dirs ;\  @@\
do \  @@\
(cd $$i ; echo verb "in $(DIR)$$i..."; \  @@\
$(MAKE) $(MFLAGS) flags name) || exit 1; \  @@\
done

```

/*

* NamedTargetSubdirs:
* Recursively make a series of steps.
*/

```

#define NamedTargetSubdirs(name,verb,flags) @!\
name::  @@\
@$(MAKE) subdirs TARGET=name VERB=verb FLAGS=flags

```

/*

* NamedSubTargetSubdirs:
* Recursively make a series of steps,
like NamedTargetSubdirs.
* However, the supplied "name" has "sub_" prefixed to it.
*/

```

#define NamedSubTargetSubdirs(name,verb,flags) @!\
sub_^^name::  @@\
@$(MAKE) subdirs TARGET=name VERB=verb FLAGS=flags

```

/*

* NamedDepthTargetSubdirs:
* Recursively make a series of steps. We first enter the
* subdirectories, then perform the local entries.
* The supplied "name" has "sub_" prefixed to it.
*/

```

#define NamedDepthTargetSubdirs(name,verb,flags) @!\
sub_^^name::  @@\

```

```
@$(MAKE) subdirs TARGET=name VERB=verb FLAGS=flags @@\
```

```
@echo "Back to $(CURRENT) for "name^^..."
```

```
/*
```

```
* MakeSubdirs:
```

```
* Generate rules to do makes in the given subdirectories.
```

```
*/
```

```
#define MakeSubdirs() \
```

```
NamedTargetSubdirs(all,"Making all",^^)
```

```
/*
```

```
* DependDirs:
```

```
* Generate rules to recursively compute dependencies as part of the
```

```
* make depend step.
```

```
*/
```

```
#define DependDirs(dirs) \
```

```
NamedTargetSubdirsRule(dirs,depend,"Depending",^^)
```

```
/*
```

```
* DependSubdirs:
```

```
* Generate rules to recursively compute dependencies
```

```
as part of the
```

```
* make depend step.
```

```
*/
```

```
#define DependSubdirs() \
```

```
DependDirs($(SUBDIRS))
```

```
/*
```

```
* InstallSubdirs:
```

```
* Generate rules to recursively install and deinstall programs and
```

```
* files.
```

```
*/
```

```
#define InstallSubdirs() \
```

```
NamedSubTargetSubdirs(install,"Installing",^^) @!\
```

```
NamedDepthTargetSubdirs(deinstall,"Deinstalling",^^)
```

```
/*
```

```
* InstallManSubdirs:
```

```
* Generate rules to recursively install and deinstall manual pages.
```

```
*/
```

```
#define InstallManSubdirs() \
```

```
NamedSubTargetSubdirs(install.man,"Installing man pages",^^) @!\
```

```
NamedDepthTargetSubdirs(deinstall.man,"Deinstalling man pages",^^)
```

```

/*
* IncludesSubdirs:
* Generate rules to recursively put include files in build
*/
#define IncludesSubdirs() \
NamedTargetSubdirs(includes,including,^^)

/*
* CleanSubdirs:
* Generate rules to recursively clean out garbage files.
*/
#define CleanSubdirs() \
NamedDepthTargetSubdirs(clean,"Cleaning",^^) @!\
NamedDepthTargetSubdirs(realclean,"Real cleaning",^^) @!\
NamedDepthTargetSubdirs(clobber,"Clobbering",^^)

/*
* TagSubdirs:
* Generate rules to recursively create tags files.
*/
#define TagSubdirs(dirs) \
NamedTargetSubdirsRule(dirs,tag,"Tagging",^^)

/*
* MakeLintSubdirs:
* Generate rules to recursively lint directories as part of the
* named step.
*/
#define MakeLintSubdirs(dirs,target) \
NamedTargetSubdirsRule(dirs,target,"Linting",^^)

/*
* LintDirs:
* Generate rules to recursively lint directories as part of the
* make lint step.
*/
#define LintDirs(dirs) \
MakeLintSubdirs(dirs,lint)

/*
* LintSubdirs:
* Generate rules to recursively lint directories as part of the

```

```

* make lint step.
*/
#define LintSubdirs() \
LintDirs($(SUBDIRS))

/*
* MakeDirs:
* Creates a set of directories, even if some directories in the path
* do not already exist. There should be no '@!' at the end of the
* '#define' line, because this macro is used *inside* building rules.
*/
#define MakeDirs(dirs) \
@case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
for dir in dirs;
do \    @@\
(set -x; test -d $$dir || $(INSTALLDIR) $$dir) || \ @@\
exit 1; \ @@\
done

/*
* _MakeInstallDirs:
* Creates a set of intall directories, even if some directories in the path
* do not already exist. There should be no '@!' at the end of the
* '#define' line, because this macro is used *inside* building rules.
*/
#define _MakeInstallDirs(dirs) \
@case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
for dir in dirs; do \    @@\
_MakeInstallDir($$dir) \    @@\
done

/*
* _MakeInstallDir:
* Internal macro to create a missing install directory.
*/
#define _MakeInstallDir(dir) \
(set -x; test -d $(INSTALL_PREFIX)^^^dir || \ @@\
$(INSTALLDIR) $(INSTALL_PREFIX)^^^dir);

/*
* _MakeInstallDirIgnore:
* Same as _MakeInstallDir but handles "make -i" as well.
*/
#define _MakeInstallDirIgnore(dir) \
@case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
_MakeInstallDir(dir)

```

```

/*
* _RmInstallDirs:
* Removes a set of intall directories.
* There should be no '@!'
at the end of the '#define' line, because this
* macro is used *inside* building rules.
*/
#define _RmInstallDirs(dirs) \
@case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
for dir in dirs; do \    @@\
(set -x; test -d $$dir && $(RM) -r $(INSTALL_PREFIX)$$dir); \ @@\
done

```

```

/*
* MakeDirectories:
* Generate rules to create a hierarchy of directories.
*/
#define MakeDirectories(step,dirs) @!\
step::    @@\
MakeDirs(dirs)

```

```

/*
* MakeInstallDirectories:
* Generate a rule to create a set of directories at installation
* time (removed by deinstall).
*/
#define MakeInstallDirectories(dirs) @!\
local_install::    @@\
    _MakeInstallDirs(dirs) @!\
    @!\
local_deinstall::    @@\
    _RmInstallDirs(dirs)

```

```

/*
* MakeLintLibSubdirs:
* Generate rules to recursively create lint libraries.
*/
#define MakeLintLibSubdirs(dirs) @!\
MakeLintSubdirs(dirs,lintlib)

```

```

/*
* MakeMakeSubdirs:
* Generate rules to recursively recreate target as part of the
* specified step in the build.

```

This assumes Makefile.SH has

* already been built (which is the case for a delivery), but does

* not rely on the existence of a Makefile.

*/

```
#define MakeMakeSubdirs(target) @!\
```

```
target::    @@\
```

```
@case '${MFLAGS}' in *[ik]*) set +e;; esac; \ @@\
```

```
for i in $(SUBDIRS); \ @@\
```

```
do \      @@\
```

```
echo "Making "target" in $(DIR)$Si..."; \ @@\
```

```
(cd $Si || exit 1; \ @@\
```

```
if test ! -f Makefile; then /bin/sh Makefile.SH; fi; \ @@\
```

```
$(MAKE) $(MFLAGS) target) || exit 1; \ @@\
```

```
done
```

/*

* MakeMakefilesSH:

* Generate rules to recursively recreate target as part of the

* specified step in the build. If \$(TOP) is set to an absolute

* path, don't prepend the ../ prefix. This makes running things

* outside of the source tree to be much easier.

*/

```
#define MakeMakefilesSH() @!\
```

```
Makefiles.SH:: Makefile.SH  @@\
```

```
@case '${MFLAGS}' in *[ik]*) set +e;; esac; \ @@\
```

```
for i in $(SUBDIRS); \ @@\
```

```
do \      @@\
```

```
case "$(DIR)$Si" in \      @@\
```

```
^^*^^/^^*^^/^^*^^/^^*^^) newtop=../..../..;;
```

```
\ @@\
```

```
^^*^^/^^*^^/^^*^^) newtop=../..../..;; \ @@\
```

```
^^*^^/^^*^^) newtop=../..../..;; \ @@\
```

```
*^^) newtop=../..../..;; \      @@\
```

```
esac; \      @@\
```

```
case "$(TOP)" in \      @@\
```

```
/^^*) newtop="$(TOP)"; \ @@\
```

```
esac; \      @@\
```

```
echo "Making Makefiles.SH in $(DIR)$Si..."; \ @@\
```

```
(cd $Si || exit 1; \ @@\
```

```
if test -f Jmakefile; then \ @@\
```

```
$(MAKE) $(MFLAGS) -f ../Makefile \ @@\
```

```
Makefile TOP=$$newtop CURRENT=$(DIR)$Si && \ @@\
```

```
$(MAKE) $(MFLAGS) Makefiles.SH; \ @@\
```

```
fi; \      @@\
```

```
) || exit 1; \ @@\
```

```
done
```

```

/*
* MakefileSubdirs:
* Generate rules to create Makefiles.
*/
#define MakefileSubdirs() @!\
MakeMakeSubdirs(Makefiles) @!\
MakeMakefilesSH()

/*
* CppScriptTarget:
* Generate rules to create a shell script by running the input
* through cpp.
*/
#define CppScriptTarget(dst,src,defs,deplist) @!\
dst:: src deplist    @@\
$(RM) $@    @@\
$(CPP) defs <src | \  @@\
sed -e '/^# *[0-9][0-9]* *.*$$/d' >$@    @@\
chmod a+x $@

/*
* MakeScriptFromCpp:
* Generate rules to create a script from a file with a
* .cpp suffix.
*/
#define MakeScriptFromCpp(name,defs) @!\
CppScriptTarget(name,name.cpp,defs,^^)

/*
* ShellScriptTargetExt:
* Generate rules to create and install a set of scripts from
* ext files (.sh and .SH are the most common examples). Man pages
* derived from the name of the scripts are also installed unless
* NoManPages() is specified.
*/
#define ShellScriptTargetExt(scripts,ext) @!\
++SCRIPTS scripts @!\
SimpleShellScriptTargetExt(scripts,ext) @!\
InstallScripts()    @!\
InstallManScripts()

/*
* ShellScriptTarget:

```

```
* Generate rules to create and install a set of scripts from
* .SH files. Man pages derived from the name of the scripts are
* also installed unless NoManPages() is specified.
*/
```

```
#define ShellScriptTarget(scripts) @!\
ShellScriptTargetExt(scripts,.SH)
```

```
/*
```

```
* SimpleShellScriptTargetExt:
* Generate rules to create a set of scripts from ext files where
* ext is usually
* something like .sh or .SH, or whatever file
* extension you like..
```

```
*/
```

```
#define SimpleShellScriptTargetExt(scripts,ext) @!\
AllTarget(scripts) @!\
    @!\
|expand s!scripts! @!\
!s: !s^^ext @@\
/bin/sh !s^^ext @!\
    @!\
-expand
```

```
/*
```

```
* SimpleShellScriptTarget:
* Generate rules to create a set of scripts from .SH files.
```

```
*/
```

```
#define SimpleShellScriptTarget(scripts) @!\
SimpleShellScriptTargetExt(scripts,.SH)
```

```
/*
```

```
* ShellScriptLongTarget:
* Generate rules to create a set of scripts from .SH files where
* the name of the generated file is different from the basename of
* the .SH file (when, for instance, the total length with the .SH
* extension would not leave enough space for RCS ,v extension).
```

```
*/
```

```
#define ShellScriptLongTarget(basename,scriptname) @!\
++LSCRIPTS scriptname @!\
AllTarget(scriptname) @!\
    @!\
scriptname: basename^^.SH @@\
/bin/sh basename^^.SH @!\
    @!\
InstallScripts() @!\
```



```

?NOMAN:|skip @!\
InstallManPageLong(basename,$(MANSRC),scriptname) @!\
-skip

/*
 * ForceTarget:
 * The force target will force reconstruction of all the other
 * targets which include .FORCE in their own dependencies.
 */
#define ForceTarget() @!\
|once _force_ @!\
.FORCE: @!\
    @!\
-once

/*
 * RemoteTargetDependency:
 * A local target may rely on a remote dependency (e.g. a library)
 * made in a separate directory. This rule explicits the dependency
 * and forces a make of that dependency in the remote directory.
 */
#define RemoteTargetDependency(target,directory,dependency) @!\
RemoteDependency(directory,dependency) @!\
target: directory/^^^dependency @!\

/*
 * RemoteDependency:
 * Specify rules for making a remote dependency.
 */
#define RemoteDependency(directory,dependency) @!\
ForceTarget() @!\
|once =directory/^^^dependency= @!\
directory/^^^dependency: .FORCE @@\
@echo "Checking "^^^dependency" in "^^^directory"..." @@\
cd ^^^directory; $(MAKE) ^^^dependency @@\
@echo "Continuing in $(CURRENT)..." @!\
    @!\
-once

/*
 * SetSubdirs:
 * Actually forces the definition of SUBDIRS, and lets the user
 * specify what the sub-directories are. This will be added to the
 * customization part.
 */

```

```

#define SetSubdirs(subdirs) @!\
>SUBDIRS @!\
+SUBDIRS = subdirs

/*
* NoManPages:
* Actually forces the definition of NOMAN, which tells the jmake
* program to not generate rules for installing manual pages.
*/
#define NoManPages() @!\
>NOMAN

/*
* Expand:
* This powerful macro expands the `rule' given a `pattern'. It
* relies on a built-in command in jmake. The expansion is
* documented in the short notes file that comes with jmake and
* gives some insights on the internal syntax.
*/
#define Expand(rule, pattern) @!\
|expand pattern @!\
rule @!\
-expand

/*
* Lex and yacc stuff.
*/

/*
* YaccRule:
* This is the rule which is used to build a .c file from a .y file.
*/
#define YaccRule() @!\
AddSuffix(.y) @!\
|once _YaccRule_ @!\
|rule:.y.c: @!\
|rule: $(YACC) $(JYFLAGS)
$< @!\
|rule: $(MV) y.tab.c $@ @!\
|rule: @!\
-once

/*
* SimpleYaccTarget:
* Declare a yacc base.y file to be used in the building of the

```

```

* specified target program. The source file must be given without
* its final .y extension. The name of the .c and .o will be
* derived from the source file basename provided.
*/
#define SimpleYaccTarget(program,base) @!\
++SOURCES base.y @!\
++OBJECTS base.o @!\
YaccRule() @!\
program: base.c @!\
    @!\
local_realclean:: @@\
$(RM) base.c @!\

/*
* ComplexYaccTarget:
* Declare a yacc base.y file to be used in the building of the
* specified target program. The source file must be given without
* its final .y extension. The name of the .c and .o will be
* derived from the source file basename provided.
* The difference with SimpleYaccTarget is the identifying process
* where all the 'yy' are replaced by the specified prefix.
*/
#define ComplexYaccTarget(program,base,prefix) @!\
++SOURCES base.y @!\
++OBJECTS base.o
    @!\
program: base.c @!\
    @!\
base.c: base.y @@\
$(YACC) $(JYFLAGS) base.y @@\
$(SED) -e 's/yy\(.)/prefix\1/g' < y.tab.c > base.c @@\
$(SED) -e 's/yy\(.)/prefix\1/g' < y.tab.h > base.h @@\
$(RM) y.tab.c y.tab.h @!\
    @!\
local_realclean:: @@\
$(RM) base.c @!\

/*
* SimpleYaccInclude:
* Declare that program will need an include file produced by
* the output of yacc on base.y, which typically produces a file
* named y.tab.h, which will be renamed as base.h.
* The only problem is that the dependencies towards base.h have
* to be manually given in the Jmakefile.
*/
#define SimpleYaccInclude(base) @!\

```

```

base.h: base.c @@\
@if test -f y.tab.h; then \ @@\
  echo " $(MV) y.tab.h $@"; \ @@\
  $(MV) y.tab.h $@; \ @@\
fi    @!\
    @!\
local_realclean::  @@\
$(RM) base.h

/*
* ComplexYaccInclude:
* Declare that program will need an include file produced by
* the output of yacc on base.y, which typically produces a file
* named y.tab.h, which will
* be renamed as base.h.
* The difference with SimpleYaccInclude is the identifying process
* of the y.tab.h file where all 'yy' are renamed to prefix.
* The only problem is that the dependencies towards base.h have
* to be manually given in the Jmakefile.
*/
#define ComplexYaccInclude(base,prefix) @!\
base.h: base.c @@\
@if test -f y.tab.h; then \ @@\
  echo " $(SED) -e 's/yy\(.)/prefix\1/g' < y.tab.h > base.h"; \ @@\
  $(SED) -e 's/yy\(.)/prefix\1/g' < y.tab.h > base.h; \ @@\
  echo " $(RM) y.tab.h"; \ @@\
  $(RM) y.tab.h; \ @@\
elif test -f base.h; then \ @@\
  echo " $(CP) base.h base.ht"; \ @@\
  $(CP) base.h base.ht; \ @@\
  echo " $(SED) -e 's/yy\(.)/prefix\1/g' < base.ht > base.h"; \ @@\
  $(SED) -e 's/yy\(.)/prefix\1/g' < base.ht > base.h; \ @@\
  echo " $(RM) base.ht"; \ @@\
  $(RM) base.ht; \ @@\
fi    @!\
    @!\
local_realclean::  @@\
$(RM) base.h

/*
* NormalYaccTarget:
* Declare a yacc base.y file which should produce a base.c and
* base.h file
* as derived from the output of yacc, to be used by
* the specified program.
*/
#define NormalYaccTarget(program,base) @!\

```

```
SimpleYaccTarget(program,base) @!\
SimpleYaccInclude(base)
```

```
/*
 * IdentifiedYaccTarget:
 * Declare a yacc base.y file which should produce a base.c and
 * base.h file as derived from the output of yacc, to be used by
 * the specified program. The specified prefix is used to replace
 * all the 'yy' in the generated file, for use when more than a
 * single parser is needed in one executable.
 */
#define IdentifiedYaccTarget(program,base,prefix) @!\
ComplexYaccTarget(program,base,prefix) @!\
ComplexYaccInclude(base,prefix)
```

```
/*
 * SimpleLexTarget:
 * This declares a lex base.l file which is to be ran through
 * lex to produce a base.c file.
 */
#define SimpleLexTarget(program,base) @!\
++SOURCES base.l @!\
++OBJECTS base.o @!\
|once _LexRule_ @!\
|rule:.l.c: @!\
|rule: $(LEX) $(JLFLAGS) $< @!\
|rule: $(MV) lex.yy.c $@ @!\
|rule: @!\
-once @!\
AddSuffix(.l) @!\
program:
  base.c @!\
  @!\
local_realclean:: @@\
$(RM) base.c @!\
```

```
/*
 * IdentifiedLexTarget:
 * This declares a lex base.l file which is to be ran through
 * lex to produce a base.c file. The prefix is used to replace
 * the 'yy', so that the lexical analyzer may be identified.
 */
#define IdentifiedLexTarget(program,base,prefix) @!\
++SOURCES base.l @!\
++OBJECTS base.o @!\
```

```

program: base.c @!\
    @!\
base.c: base.l @@\
$(LEX) $(JLFLAGS) base.l @@\
$(SED) -e 's/yy\(.\)\/prefix\1/g' < lex.yy.c > base.c @@\
$(RM) lex.yy.c @!\
    @!\
local_realclean:: @@\
$(RM) base.c @!\

```

```

/*
 * NormalLexDependTarget:
 * Declare that program will need an include file produced by
 * the output of lex on base.l, which typically produces a file
 * named lex.yy.c which will be renamed as base.c. Besides, the
 * lexical analyzer needs the file parser.h produced by running
 * parser.y through yacc and renaming y.tab.h as parser.h.
 */

```

```

#define NormalLexDependTarget(program,base,parser)
    @!\
base.o: parser.h @!\
    @!\
SimpleLexTarget(program,base)

```

```

/*
 * IdentifiedLexDependTarget:
 * Declare that program will need an include file produced by
 * the output of lex on base.l, which typically produces a file
 * named lex.yy.c which will be renamed as base.c. Besides, the
 * lexical analyzer needs the file parser.h produced by running
 * parser.y through yacc and renaming y.tab.h as parser.h.
 * The lexical analyzer is identified with the supplied prefix,
 * which replaces the regular 'yy' prefix in the symbol names.
 */

```

```

#define IdentifiedLexDependTarget(program,base,parser,prefix) @!\
base.o: parser.h @!\
    @!\
IdentifiedLexTarget(program,base,prefix)

```

```

/*
 * NormalParserTarget:
 * Specify that program is using the lex/yacc combination to
 * produce a parser. The lexic and parser parameters are the
 * base name of the .l and .y file, respectively.
 */

```

```

#define NormalParserTarget(program,lexic,parser) @!\
NormalLexDependTarget(program,lexic,parser)
@!\
NormalYaccTarget(program,parser)

/*
* IdentifiedParserTarget:
* Specify that program is using the lex/yacc combination to
* produce a parser. The lexic and parser parameters are the
* base name of the .l and .y file, respectively. The parser
* produced is identified via its prefix, which replaces all
* the normally supplied 'yy' prefix, hence making it possible
* to have multiple parsers in a single executable.
*/
#define IdentifiedParserTarget(program,lexic,parser,prefix) @!\
IdentifiedLexDependTarget(program,lexic,parser,prefix) @!\
IdentifiedYaccTarget(program,parser,prefix)

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/files/Jmake.rules

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_alarm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_alarm.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:06:58 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_alarm: Inlibc
?MAKE: -pick add $@ %<
?S:d_alarm:
?S: This variable conditionally defines the HAS_ALARM symbol, which
?S: indicates to the C program that the alarm() routine is available.
?S:.
?C:HAS_ALARM :
?C: This symbol, if defined, indicates that the alarm routine is

```

?C: available.

?C:.

?H:#\$d_alarm

HAS_ALARM /**/

?H:.

?LINT:set d_alarm

: see if alarm exists

set alarm d_alarm

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_alarm.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getspnam_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_getspnam_r getsppnam_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_shadow extern_C

?MAKE: -pick add \$@ %<

?S:d_getspnam_r:

?S: This variable conditionally defines the HAS_GETSPNAM_R symbol,

?S: which indicates to the C program that the getsppnam_r()

?S: routine is available.

?S:.

?S:getsppnam_r_proto:

?S: This variable encodes the prototype of getsppnam_r.

?S: It is zero if d_getspnam_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getspnam_r

?S: is defined.

?S:.

?C:HAS_GETSPNAM_R:

?C: This symbol, if defined, indicates that the getsppnam_r routine

?C: is available

to getsppnam re-entrantly.

?C:.

?C:GETSPNAM_R_PROTO:

?C: This symbol encodes the prototype of getsppnam_r.

?C: It is zero if d_getspnam_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getspnam_r

?C: is defined.

?C:.


```

?H:#$d_getspnam_r HAS_GETSPNAM_R /**/
?H:#define GETSPNAM_R_PROTO $getspnam_r_proto /**/
?H:.
?T:try hdrs d_getspnam_r_proto
: see if getspnam_r exists
set getspnam_r d_getspnam_r
eval $inlibc
case "$d_getspnam_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_shadow shadow.h"
case "$d_getspnam_r_proto:$usethreads" in
":define") d_getspnam_r_proto=define
set d_getspnam_r_proto getspnam_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getspnam_r_proto" in
define)
case "$getspnam_r_proto" in
"|0) try='int getspnam_r(const char*, struct spwd*, char*, size_t, struct spwd**);'
./protochk "$extern_C $try" $hdrs && getspnam_r_proto=I_CSBWR ;;
esac
case "$getspnam_r_proto" in
"|0) try='struct spwd* getspnam_r(const char*, struct
spwd*, char*, int);'
./protochk "$extern_C $try" $hdrs && getspnam_r_proto=S_CSBI ;;
esac
case "$getspnam_r_proto" in
"|0) d_getspnam_r=undef
getspnam_r_proto=0
echo "Disabling getspnam_r, cannot determine prototype." >&4 ;;
* ) case "$getspnam_r_proto" in
REENTRANT_PROTO*) ;;
*) getspnam_r_proto="REENTRANT_PROTO_$getspnam_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "getspnam_r has no prototype, not using it." >&4 ;;
esac
d_getspnam_r=undef
getspnam_r_proto=0
;;
esac
;;
*) getspnam_r_proto=0
;;

```

esac

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getspnam_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: filexp.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: filexp.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:08 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:filexp: privlib

?MAKE: -pick add \$@ %<

?S:filexp:

?S: This symbol contains the full pathname of the filexp script, in case we

?S: are saving the script for posterity.

?S:.

: must not allow self reference

case "\$privlib" in

/*)

filexp=\$privlib/filexp

::

*)

filexp=`pwd`/filexp

::

esac

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/filexp_path.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysparam.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: i_sysparam.U,v \$
?RCS: Revision 3.0.1.1 1994/08/29 16:22:43 ram
?RCS: patch32: created
?RCS:
?MAKE:i_sysparam: Inhdr
?MAKE: -pick add \$@ %<
?S:i_sysparam:
?S: This variable conditionally defines the I_SYS_PARAM symbol, and indicates
?S: whether a C program should include <sys/param.h>.
?S:.
?C:I_SYS_PARAM:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/param.h>.
?C:.
?H:#\$i_sysparam I_SYS_PARAM /**/
?H:.
?LINT:set
i_sysparam
: see if this is a sys/param system
set sys/param.h i_sysparam
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysparam.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: archname.U,v 3.0.1.3 1997/02/28 15:24:32 ram Exp \$
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: archname.U,v \$
?RCS: Revision 3.0.1.3 1997/02/28 15:24:32 ram
?RCS: patch61: changed the way the archname is mangled from uname
?RCS:
?RCS: Revision 3.0.1.2 1995/05/12 12:05:24 ram
?RCS: patch54: protect against spaces in "uname -m" output (ADO)
?RCS:

```

?RCS: Revision 3.0.1.1 1995/02/15 14:14:21 ram
?RCS: patch51: created
?RCS:
?MAKE:archname myarchname useversionedarchname: sed Loc Myread Oldconfig \
osname test rm usethreads usemultiplicity use64bitint
use64bitall \
archname64 uselongdouble longdblsize doublesize targetarch Setvar \
api_versionstring usequadmath
?MAKE: -pick add $@ %<
?S:archname:
?S: This variable is a short name to characterize the current
?S: architecture. It is used mainly to construct the default archlib.
?S:.
?S:myarchname:
?S: This variable holds the architecture name computed by Configure in
?S: a previous run. It is not intended to be perused by any user and
?S: should never be set in a hint file.
?S:.
?S:useversionedarchname:
?S: This variable indicates whether to include the $api_versionstring
?S: as a component of the $archname.
?S:.
?C:ARCHNAME:
?C: This symbol holds a string representing the architecture name.
?C: It may be used to construct an architecture-dependant pathname
?C: where library files may be held under a private library, for
?C: instance.
?C:.
?H:#define ARCHNAME "$archname" /**/
?H:.
?T:xxx tarch
?F:!archname.cbu
?INIT:archname="
: determine the architecture name
echo " "
?X:
We always recompute archname in case osname changes. However, we need
?X: to be careful since, as ADO rightfully pointed out, some systems pick
?X: silly architecture names (0001307135000-aix on AIX or 9000/715-ux under
?X: HP-UX). Therefore, we allow hint files to superseed our guess and ask
?X: the user for confirmation.
if xxx=`./loc arch blurfl $pth`; $test -f "$xxx"; then
tarch=`arch`-"-$osname"
elif xxx=`./loc uname blurfl $pth`; $test -f "$xxx" ; then
if uname -m > tmparch 2>&1 ; then
tarch=`$sed -e 's/ *$//' -e 's/ /_g' \
-e 's/$/'-"-$osname/" tmparch`
else

```

```

    tarch="$osname"
fi
$rm -f tmparch
else
    tarch="$osname"
fi
case "$myarchname" in
|"|$tarch") ;;
*)
    echo "(Your architecture name used to be $myarchname.)"
    archname="
;;
esac
case "$targetarch" in
") ;;
?X: Very GCCian.
*) archname=`echo $targetarch|sed 's,^[^]*-,^` ;;
esac
myarchname="$tarch"
case "$archname" in
") dflt="$tarch";;
*) dflt="$archname";;
esac
rp='What is your architecture name'
./myread
archname="$ans"

:
    optionally add API version to the architecture for versioned archlibs
case "$useversionedarchname" in
$define|true|[yY]*) dflt='y';;
*)          dflt='n';;
esac
rp='Add the Perl API version to your archname?'
./myread
case "$ans" in
y|Y) useversionedarchname="$define" ;;
*)   useversionedarchname="$undef" ;;
esac
case "$useversionedarchname" in
$define)
    case "$archname" in
*-$api_versionstring)
        echo "...and architecture name already has -$api_versionstring" >&4
        ;;
*)
        archname="$archname-$api_versionstring"
        echo "...setting architecture name to $archname." >&4

```

```

;;
esac
;;
esac

@if usethreads
case "$usethreads" in
$define)
echo "Threads selected." >&4
case "$archname" in
*-thread*) echo "...and architecture name already has -thread." >&4
;;
*) archname="$archname-thread"
echo "...setting architecture name to $archname." >&4
;;
esac
;;
esac
@end
@if usemultiplicity
case "$usemultiplicity" in
$define)
echo "Multiplicity selected."
>&4
case "$archname" in
*-multi*) echo "...and architecture name already has -multi." >&4
;;
*) archname="$archname-multi"
echo "...setting architecture name to $archname." >&4
;;
esac
;;
esac
@end
@if use64bitint
case "$use64bitint$use64bitall" in
*"$define"*)
case "$archname64" in
")
echo "This architecture is naturally 64-bit, not changing architecture name." >&4
;;
*)
case "$use64bitint" in
"$define") echo "64 bit integers selected." >&4 ;;
esac
case "$use64bitall" in
"$define") echo "Maximal 64 bitness selected." >&4 ;;
esac

```

```

case "$archname" in
*-$archname64*) echo "...and architecture name already has $archname64." >&4
;;
*)   archname="$archname-$archname64"
echo "...setting architecture name to $archname." >&4
;;
esac
;;
esac
esac
@end
@if uselongdouble
case "$uselongdouble" in
$define)
echo "Long doubles selected." >&4
case "$longdblsize" in
$doublesize)
echo "...but long doubles are equal to doubles, not
changing architecture name." >&4
;;
*)
case "$archname" in
*-ld*) echo "...and architecture name already has -ld." >&4
;;
*)   archname="$archname-ld"
echo "...setting architecture name to $archname." >&4
;;
esac
;;
esac
;;
esac
@end
@if usequadmath
case "$usequadmath" in
$define)
echo "quadmath selected." >&4
case "$archname" in
*-quadmath*) echo "...and architecture name already has -quadmath." >&4
;;
*)   archname="$archname-quadmath"
echo "...setting architecture name to $archname." >&4
;;
esac
;;
esac
@end
if $test -f archname.cbu; then

```

echo "Your platform has some specific hints for architecture name, using them..."

. /archname.cbu

fi

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/archname.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_values.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_values.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:48:34 ram

?RCS: patch61: created

?RCS:

?MAKE:i_values: Inhdr

?MAKE: -pick add \$@ %<

?S:i_values:

?S: This variable conditionally defines the I_VALUES symbol, and indicates

?S: whether a C program may include <values.h> to get symbols like MAXLONG

?S: and friends.

?S:.

?C:I_VALUES:

?C: This symbol, if defined, indicates to the C program that it should

?C: include

<values.h> to get definition of symbols like MINFLOAT or

?C: MAXLONG, i.e. machine dependant limitations. Probably, you

?C: should use <limits.h> instead, if it is available.

?C:.

?H:#\$i_values I_VALUES /**/

?H:.

?LINT:set i_values

: see if this is a values.h system

set values.h i_values

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_values.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_memalign.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_memalign.U,v $
?RCS:
?MAKE:d_memalign: Inlibc
?MAKE: -pick add $@ %<
?S:d_memalign:
?S: This variable conditionally defines the HAS_MEMALIGN symbol, which
?S: indicates to the C program that the memalign() routine is available.
?S:.
?C:HAS_MEMALIGN :
?C: This symbol, if defined, indicates that the memalign routine is
?C: available to allocate aligned memory.
?C:.
?H:#$d_memalign HAS_MEMALIGN /**/
?H:.
?LINT:set d_memalign
: see if memalign exists
set
    memalign d_memalign
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memalign.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:i_sysaccess: Inhdr
```

?MAKE: -pick add \$@ %<
?S:i_sysaccess:
?S: This variable conditionally defines the I_SYS_ACCESS symbol,
?S: and indicates whether a C program should include <sys/access.h>.
?S:.
?C:I_SYS_ACCESS:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/access.h>.
?C:.
?H:#\$i_sysaccess I_SYS_ACCESS /**/
?H:.
?LINT:set i_sysaccess
: see if sys/access.h is available
set sys/access.h i_sysaccess
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/i_sysaccess.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_ldbl_dig: Myread contains cat rm Setvar \
cppstdin cppflags cppminus
?MAKE: -pick add \$@ %<
?S:d_ldbl_dig:
?S: This variable conditionally defines d_ldbl_dig if this system's
?S: header files provide LDBL_DIG, which is the number of significant
?S: digits in a long double precision number.
?S:.
?C:HAS_LDBL_DIG:
?C: This symbol, if defined, indicates that this system's <float.h>
?C: or <limits.h> defines the symbol LDBL_DIG, which is the number
?C: of significant digits in a long double precision number. Unlike
?C: for
DBL_DIG, there's no good guess for LDBL_DIG if it is undefined.
?C:.
?H:#\$d_ldbl_dig HAS_LDBL_DIG /* */
?H:.

```

?F:!dbl_dig.c
?LINT:set d_ldbl_dig
: See if number of significant digits in a double precision number is known
echo " "
$cat >dbl_dig.c <<EOM
#include <limits.h>
#include <float.h>
#ifdef LDBL_DIG
printf("Contains LDBL_DIG");
#endif
EOM
$cppstdin $cppflags $cppminus < dbl_dig.c >dbl_dig.E 2>/dev/null
if $contains 'LDBL_DIG' dbl_dig.E >/dev/null 2>&1; then
echo "LDBL_DIG found." >&4
val="$define"
else
echo "LDBL_DIG NOT found." >&4
val="$undef"
fi
$rm -f dbl_dig.?
set d_ldbl_dig
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ldbl_dig.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Nothing.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Nothing.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: The purpose of this file is to supply an empty target for the private
?X: Makefile built by metaconfig to order the units.
?X:
?MAKE:Nothing: Head

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Nothing.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2014 Jarkko Hietaniemi & H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_copysign: Inlibc

?MAKE: -pick add \$@ %<

?S:d_copysign:

?S: This variable conditionally defines the HAS_COPYSIGN symbol, which

?S: indicates to the C program that the copysign() routine is available.

?S:.

?C:HAS_COPYSIGN:

?C: This symbol, if defined, indicates that the copysign routine is

?C: available to do the copysign function.

?C:.

?H:#\$d_copysign HAS_COPYSIGN /**/

?H:.

?LINT:set d_copysign

: see if copysign exists

set copysign d_copysign

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_copysign.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_pathconf.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_pathconf.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:14:54 ram

```

?RCS: patch36: created by ADO
?RCS:
?MAKE:d_pathconf d_fpathconf: Inlibc
?MAKE: -pick add $@ %<
?S:d_pathconf:
?S: This variable conditionally defines the HAS_PATHCONF symbol, which
?S: indicates to the C program that the pathconf() routine is available
?S: to determine file-system related limits and options
associated
?S: with a given filename.
?S:.
?S:d_fpathconf:
?S: This variable conditionally defines the HAS_FPATHCONF symbol, which
?S: indicates to the C program that the pathconf() routine is available
?S: to determine file-system related limits and options associated
?S: with a given open file descriptor.
?S:.
?C:HAS_PATHCONF:
?C: This symbol, if defined, indicates that pathconf() is available
?C: to determine file-system related limits and options associated
?C: with a given filename.
?C:.
?C:HAS_FPATHCONF:
?C: This symbol, if defined, indicates that pathconf() is available
?C: to determine file-system related limits and options associated
?C: with a given open file descriptor.
?C:.
?H:#$d_pathconf HAS_PATHCONF /**/
?H:#$d_fpathconf HAS_FPATHCONF /**/
?H:.
?LINT:set d_pathconf
?LINT:set d_fpathconf
: see if pathconf exists
set pathconf d_pathconf
eval $inlibc

@if d_fpathconf || HAS_FPATHCONF
: see if fpathconf exists
set fpathconf d_fpathconf
eval $inlibc

@end

```

Found in path(s):

*

/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pathconf.U

No license file was found, but licenses were detected in source scan.

```
?RCS:
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:uidsize: Myread Typedef uidtype Compile run i_stdlib
?MAKE: -pick add $@ %<
?S:uidsize:
?S: This variable contains the size of a uidtype in bytes.
?S:.
?C:Uid_t_size:
?C: This symbol holds the size of a Uid_t in bytes.
?C:.
?H:#define Uid_t_size $uidsize /* UID size */
?H:.
?T:yyy zzz
?F:!try
: Check size of UID
echo " "
case "$uidtype" in
*_t) zzz="$uidtype" ;;
*) zzz="uid" ;;
esac
echo "Checking the size of $zzz..." >&4
cat > try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
#ifdef I_STDLIB
#include
<stdlib.h>
#endif
int main() {
    printf("%d\n", (int)sizeof($uidtype));
    exit(0);
}
EOCP
set try
if eval $compile_ok; then
yyy=`$run ./try`
case "$yyy" in
") uidsize=4
```

```

echo "(I can't execute the test program--guessing $uidsize.)" >&4
;;
*) uidsize=$yyy
echo "Your $zzz is $uidsize bytes long."
;;
esac
else
uidsize=4
echo "(I can't compile the test program--guessing $uidsize.)" >&4
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/uidsize.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: usedtrace.U,v \$

?RCS:

?RCS: Copyright (c) 2008 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: usedtrace.U,v \$

?RCS:

?MAKE:usedtrace dtrace: Myread Oldconfig Setvar Getfile test

?MAKE: -pick add \$@ %<

?Y:TOP

?S:usedtrace:

?S: This variable indicates whether we are compiling with dtrace

?S: support. See also dtrace.

?S:.

?S:dtrace:

?S: This variable holds the location of the dtrace executable.

?S:.

?C:USE_DTRACE:

?C: This symbol, if defined, indicates that Perl should

?C: be built with support for DTrace.

?C:.

?H:#\$usedtrace USE_DTRACE /**/

?H:.

?T:dflt_dtrace

?LINT:set usedtrace

?LINT:set dtrace

: DTrace support

dflt_dtrace='/usr/sbin/dtrace'

\$test -x /usr/bin/dtrace && dflt_dtrace='/usr/bin/dtrace'

```
cat <<EOM
```

Perl can be built to support DTrace on platforms that support it.

DTrace is a diagnosis and performance analysis tool from Sun.

If this doesn't make any sense to you, just accept the default.

```
EOM
```

```
while $test 1 ; do
case "$usedtrace" in
$define|true|[yY]*)
dflt='y'
;;
?*)
dflt='y'
dflt_dtrace=$usedtrace
;;
*)
dflt='n'
;;
esac

rp='Support DTrace if available?'
./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef" ;;
esac
set usedtrace
eval $setvar

test "X$usedtrace" != "X$define" && break

echo " "
rp='Where is the dtrace executable?'
dflt=$dflt_dtrace
./getfile
val="$ans"
set dtrace
eval $setvar

if $test -f $dtrace
then
if $dtrace -h -s ../perldtrace.d \
-o perldtrace.tmp >/dev/null 2>&1 \
&& rm -f perldtrace.tmp
then
```



```
echo " "  
echo "Good: your $dtrace knows about the -h flag."  
else  
cat >&2 <<EOM
```

```
*** $me: Fatal Error: $dtrace doesn't support -h flag  
***  
*** Your installed dtrace doesn't support the -h switch to compile a D  
*** program into a C header. Can't continue.
```

```
EOM  
exit  
1  
fi  
break;  
fi
```

```
case "$fastread" in  
yes)  
cat >&2 <<EOM
```

```
*** $me: Fatal Error: $dtrace not found.  
*** Can't continue.
```

```
EOM  
exit 1  
;;  
*)  
echo "*** $dtrace was not found."  
echo " "  
;;  
esac  
done
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usedtrace.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: startsh.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```

?RCS:
?RCS: $Log: startsh.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 16:25:31 ram
?RCS: patch61: avoid needless chatter since this is now done very early
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:51 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:startsh: sh sharpbang eunicefix
?MAKE: -pick add $@ %<
?S:startsh:
?S: This variable contains the string to put on the front of a shell
?S: script to make sure (hopefully) that it runs with sh and not some
?S: other
    shell.
?S:.
?F:!sharp
: figure out how to guarantee sh startup
?X: Avoid needless chatter since this is now done very early.
?X: echo " "
?X: echo "Checking out how to guarantee sh startup..." >&2
case "$startsh" in
") startsh=${sharpbang}${sh} ;;
*)
?X: echo "Let's see if '$startsh' works..." ;;
esac
cat >sharp <<EOSS
$startsh
set abc
test "$?abc" != 1
EOSS

chmod +x sharp
$eunicefix sharp
if ./sharp; then
: echo "Yup, it does."
else
echo "Hmm... '$startsh' does not guarantee sh startup..."
echo "You may have to fix up the shell scripts to make sure $sh runs them."
fi
rm -f sharp

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/startsh.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_linuxstd.U 1 2006-08-24 12:32:52Z rmanfredi $

```

```

?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_linuxstd.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:14:05 ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_linuxstd: d_stdstdio cppstdin cppflags cppminus \
contains rm Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_linuxstd:
?S: This variable conditionally defines USE_LINUX_STDIO if this system
?S: has a FILE structure declaring _IO_read_base, _IO_read_ptr,
?S: and _IO_read_end
in stdio.h.
?S:.
?C:USE_LINUX_STDIO:
?C: This symbol is defined if this system has a FILE structure declaring
?C: _IO_read_base, _IO_read_ptr, and _IO_read_end in stdio.h.
?C:.
?H:#$d_linuxstd USE_LINUX_STDIO /**/
?H:.
?T:xxx
?LINT:set d_linuxstd
: see if stdio is like that in linux
case "$d_stdstdio" in
"$undef")
echo " "
xxx=`./findhdr stdio.h`
$cppstdin $cppflags $cppminus < "$xxx" > stdio.E
if $contains 'char.*_IO_read_base' stdio.E >/dev/null 2>&1 && \
$contains '_IO_read_ptr' stdio.E >/dev/null 2>&1 && \
$contains '_IO_read_end' stdio.E >/dev/null 2>&1 ; then
echo "Your stdio looks like linux." >&4
val="$define"
else
echo "You don't have linux stdio, either." >&4
val="$undef"
fi
$rm -f stdio.E

```

```
::
*) val="$undef" ;;
esac
```

```
set d_linuxstd
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_linuxstd.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_readdir64_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_readdir64_r readdir64_r_proto: Inlibc Protochk Hasproto i_systypes \
usethreads i_dirent extern_C

?MAKE: -pick add \$@ %<

?S:d_readdir64_r:

?S: This variable conditionally defines the HAS_READDIR64_R symbol,

?S: which indicates to the C program that the readdir64_r()

?S: routine is available.

?S:.

?S:readdir64_r_proto:

?S: This variable encodes the prototype of readdir64_r.

?S: It is zero if d_readdir64_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_readdir64_r

?S: is defined.

?S:.

?C:HAS_READDIR64_R:

?C: This symbol, if defined, indicates that the readdir64_r routine

?C: is

available to readdir64 re-entrantly.

?C:.

?C:READDIR64_R_PROTO:

?C: This symbol encodes the prototype of readdir64_r.

?C: It is zero if d_readdir64_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_readdir64_r

?C: is defined.

?C:.

?H:#\$d_readdir64_r HAS_READDIR64_R /**/

?H:#define READDIR64_R_PROTO \$readdir64_r_proto /**/

?H:.

```

?T:try hdrs d_readdir64_r_proto
: see if readdir64_r exists
set readdir64_r d_readdir64_r
eval $inlibc
case "$d_readdir64_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_dirent dirent.h"
case "$d_readdir64_r_proto:$usethreads" in
":define") d_readdir64_r_proto=define
set d_readdir64_r_proto readdir64_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_readdir64_r_proto" in
define)
case "$readdir64_r_proto" in
"|0) try='int readdir64_r(DIR*, struct dirent64*, struct dirent64**);'
./protochk "$extern_C $try" $hdrs && readdir64_r_proto=I_TSR ;;
esac
case "$readdir64_r_proto" in
"|0) try='int readdir64_r(DIR*,
struct dirent64*);'
./protochk "$extern_C $try" $hdrs && readdir64_r_proto=I_TS ;;
esac
case "$readdir64_r_proto" in
"|0) d_readdir64_r=undef
readdir64_r_proto=0
echo "Disabling readdir64_r, cannot determine prototype." >&4 ;;
* ) case "$readdir64_r_proto" in
REENTRANT_PROTO*) ;;
*) readdir64_r_proto="REENTRANT_PROTO_${readdir64_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "readdir64_r has no prototype, not using it." >&4 ;;
esac
d_readdir64_r=undef
readdir64_r_proto=0
;;
esac
;;
*) readdir64_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_readdir64_r.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: dlsrc.U,v$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1996-1998, Andy Dougherty
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?RCS: $Log: dlex.t.U,v $
```

```
?RCS:
```

```
?X: hpux support thanks to Jeff Okamoto <okamoto@hpcc101.corp.hp.com>
```

```
?X:
```

```
?X: To create a shared library, you must compile ALL source files in the
```

```
?X: library with +z (or possibly +Z if the library is whopping huge),
```

```
?X: then link the library with -b. Example:
```

```
?X: cc -c +z module_a.c
```

```
?X: cc -c +z module_b.c
```

```
?X: ld -b module_a.o module_b.o -o module.sl
```

```
?X:
```

```
?MAKE:dlex.t: \
```

```
Getfile Myread cat usedl so
```

```
?MAKE: -pick add $@ %<
```

```
?Y:BOTTOM
```

```
?S:dlex.t:
```

```
?S: This variable contains the extension that is to be used for the
```

```
?S: dynamically loaded modules that perl generates.
```

```
?S:.
```

```
: Check what extension to use for shared libs
```

```
case "$usedl" in
```

```
$define|y|true)
```

```
$cat <<
```

```
EOM
```

On a few systems, the dynamically loaded modules that perl generates and uses will need a different extension than shared libs. The default will probably be appropriate.

```
EOM
```

```
case "$dlex.t" in
```

```
") dflt="$so" ;;
```

```
*) dflt="$dlex.t" ;;
```

```
esac
```

```
rp='What is the extension of dynamically loaded modules'
```

```
. ./myread
```

```
dlex.t="$ans"
```

```
::
*)
dlext="none"
::
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/dlext.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_csh.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:32:18 ram

?RCS: patch61: added full_csh to preserve the full path even when portable

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:53 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_csh full_csh: csh Setvar

?MAKE: -pick add \$@ %<

?S:d_csh:

?S: This variable conditionally defines the CSH symbol, which

?S: indicates to the C program that the C-shell exists.

?S:.

?S:full_csh:

?S: This variable contains the full pathname to 'csh', whether

or

?S: not the user has specified 'portability'. This is only used

?S: in the compiled C program, and we assume that all systems which

?S: can share this executable will have the same full pathname to

?S: 'csh.'

?S:.

?C:HAS_CSH:

?C: This symbol, if defined, indicates that the C-shell exists.

?C:.

?C:CSH:

?C: This symbol, if defined, contains the full pathname of csh.

?C:.

?X: Previously, I just did \$d_csh CSH "\$full_csh", but that caused
 ?X: problems on VMS where the config.sh extraction program changes
 ?X: \$undef to a real cpp undef, and they then had #undef CSH ""
 ?X: which the compiler didn't like. It's easy to work around this,
 ?X: so I did. --AD 3/1998.
 ?X: And we don't want to define CSH if !HAS_CSH, but we don't want
 ?X: those lines in config.h if they don't need CSH, so protect with ?CSH
 ?X: and not ?%<. --RAM, 15/02/2004
 ?H:%<:#\$d_csh HAS_CSH /**/
 ?H:?CSH:#ifdef HAS_CSH
 ?H:?CSH:#define CSH "\$full_csh" /**/
 ?H:?CSH:#endif
 ?H:
 ?LINT:set d_csh
 : get csh whereabouts
 case
 "\$csh" in
 'csh') val="\$undef" ;;
 *) val="\$define" ;;
 esac
 set d_csh
 eval \$setvar
 : Respect a hint or command line value for full_csh.
 case "\$full_csh" in
 ") full_csh=\$csh ;;
 esac

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_csh.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: scriptdir.U,v 3.1 1999/07/09 18:20:13 doughera Exp doughera \$
 ?RCS:
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 ?RCS:
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 ?RCS: of the source tree for dist 3.0.
 ?RCS:
 ?RCS: \$Log: scriptdir.U,v \$
 ?RCS: Revision 3.1 1999/07/09 18:20:13 doughera
 ?RCS: Updated for installprefix
 ?RCS:
 ?RCS: Revision 3.0.1.3 1995/09/25 09:17:15 ram
 ?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:
?RCS: Revision 3.0.1.2 1995/01/30 14:46:13 ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:32:04 ram
?RCS: patch32: now uses installation prefix
?RCS:
?RCS:
Revision 3.0 1993/08/18 12:09:45 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:scriptdir scriptdirexp installscript: cat test Getfile Loc \
Oldconfig +bin Prefixit Setprefixvar prefixexp Prefixup
?MAKE: -pick add \$@ %<
?Y:TOP
?D:scriptdir="
?S:scriptdir:
?S: This variable holds the name of the directory in which the user wants
?S: to put publicly scripts for the package in question. It is either
?S: the same directory as for binaries, or a special one that can be
?S: mounted across different architectures, like /usr/share. Programs
?S: must be prepared to deal with ~name expansion.
?S:.
?D:scriptdirep="
?S:scriptdirep:
?S: This variable is the same as scriptdir, but is filename expanded
?S: at configuration time, for programs not wanting to bother with it.
?S:.
?S:installscript:
?S: This variable is usually the same as scriptdirep, unless you are on
?S: a system running AFS, in which case they may differ slightly. You
?S: should always use this variable
within your makefiles for portability.
?S:.
?C:SCRIPTDIR:
?C: This symbol holds the name of the directory in which the user wants
?C: to put publicly executable scripts for the package in question. It
?C: is often a directory that is mounted across diverse architectures.
?C: Programs must be prepared to deal with ~name expansion.
?C:.
?C:SCRIPTDIR_EXP:
?C: This is the same as SCRIPTDIR, but is filename expanded at
?C: configuration time, for use in programs not prepared to do
?C: ~name substitutions at run-time.
?C:.
?H:#define SCRIPTDIR "\$scriptdir" /**/
?H:#define SCRIPTDIR_EXP "\$scriptdirep" /**/
?H:.

```

?T:installscriptdir
?LINT:change prefixvar
?LINT:set scriptdir
?LINT:set scriptdirexp
: determine where public executable scripts go
set scriptdir scriptdir
eval $prefixit
case "$scriptdir" in
")
dflt="$bin"
: guess some guesses
$test -d /usr/share/scripts && dflt=/usr/share/scripts
$test -d /usr/share/bin && dflt=/usr/share/bin
$test -d /usr/local/script && dflt=/usr/local/script
$test
-d /usr/local/scripts && dflt=/usr/local/scripts
$test -d $prefixexp/script && dflt=$prefixexp/script
set dflt
eval $prefixup
;;
*) dflt="$scriptdir"
;;
esac
$cat <<EOM

```

Some installations have a separate directory just for executable scripts so that they can mount it across multiple architectures but keep the scripts in one spot. You might, for example, have a subdirectory of /usr/share for this. Or you might just lump your scripts in with all your other executables.

```

EOM
fn=d~
rp='Where do you keep publicly executable scripts?'
./getfile
if $test "X$sansexp" != "X$scriptdirexp"; then
installscript="
fi
installscriptdir="
prefixvar=scriptdir
./setprefixvar
: A little fix up for an irregularly named variable.
installscript="$installscriptdir"

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/scriptdir.U

```

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```

?RCS: $Id: d_inetd.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_inetd.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:23 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_inetd: cat test package Myread Setvar
?MAKE: -pick add $@ %<
?S:d_inetd:
?S: This symbol conditionally defines USE_INETD which indicates to the C
?S: program that the initial socket connection will be done via inetd.
?S:.
?C:USE_INETD (INETD):
?C: This symbol if defined indicates to the C program that inetd will be
?C: in charge of the
?C: initial socket connection. The file descriptors 0 and
?C: 1 have been dup()ed from the original connected socket descriptor and
?C: are ready for send() and recv().
?C:.
?H:#$d_inetd USE_INETD /**/
?H:.
?LINT:set d_inetd
: ask whether initial socket connection is to be done via inetd
echo " "
dflt=n
case "$d_inetd" in
") if $test -f /etc/inetd.conf; then
$cat <<EOM
Your system provides a so called "Internet super-server", the inetd daemon.
Network services like ftp or rlogin are usually handled via ftpd and rlogind
daemons. Without inetd, these daemons must always be running for the service
to be on. On the contrary, inetd listens to specific ports defined in file
/etc/inetd.conf and will run the appropriate daemon upon request. This scheme
avoids eating up the process table and memory with useless daemons.

I can set up things so that internet connections for $package will be done
using inetd, in which case you will have to edit /etc/inetd.conf to add some
specific informations.

```

EOM

```
dflt=y
else
$cat
<<EOM
```

I do not see any trace of a configuration file for inetd, hence I assume your system does not support the so called "Internet super-server". This means \$package will need to have a daemon process running on this machine to allow network connections.

```
EOM
fi;;
*) case "$d_inetd" in
"$define") dflt=y;;
esac;;
esac
rp='Do you wish to use inetd for network connections?'
./myread
val="$undef"
case "$ans" in
y*|Y*) val="$define";;
esac
set d_inetd
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_inetd.U
```

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```
?RCS: $Id$
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: archlib.U,v $
?RCS: Revision 3.0.1.5 1997/02/28 15:23:38 ram
?RCS: patch61: skip existence checks for archlib
?RCS:
?RCS: Revision 3.0.1.4 1995/09/25 09:15:18 ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
```

?RCS: Revision 3.0.1.3 1995/02/15 14:14:14 ram
?RCS: patch51: architecture name is now computed by a separate unit
?RCS:
?RCS: Revision 3.0.1.2 1995/01/30 14:32:22 ram
?RCS:
patch49: archname is now systematically recomputed
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:02:36 ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_archlib archlib archlibexp installarchlib: archname afs spackage \
cat Getfile Loc Oldconfig prefixexp privlib test Prefixit Prefixup
?MAKE: -pick add \$@ %<
?Y:TOP
?S:d_archlib:
?S: This variable conditionally defines ARCHLIB to hold the pathname
?S: of architecture-dependent library files for \$package. If
?S: \$archlib is the same as \$privlib, then this is set to undef.
?S:.
?S:archlib:
?S: This variable holds the name of the directory in which the user wants
?S: to put architecture-dependent public library files for \$package.
?S: It is most often a local directory such as /usr/local/lib.
?S: Programs using this variable must be prepared to deal
?S: with filename expansion.
?S:.
?S:archlibexp:
?S: This variable is the same as the archlib variable, but is
?S: filename
expanded at configuration time, for convenient use.
?S:.
?S:installarchlib:
?S: This variable is really the same as archlibexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?C:ARCHLIB:
?C: This variable, if defined, holds the name of the directory in
?C: which the user wants to put architecture-dependent public
?C: library files for \$package. It is most often a local directory
?C: such as /usr/local/lib. Programs using this variable must be
?C: prepared to deal with filename expansion. If ARCHLIB is the
?C: same as PRIVLIB, it is not defined, since presumably the
?C: program already searches PRIVLIB.
?C:.
?C:ARCHLIB_EXP:
?C: This symbol contains the ~name expanded version of ARCHLIB, to be used

?C: in programs that are not prepared to deal with ~ expansion at run-time.

?C:.

```
?H:#$d_archlib ARCHLIB "$sarchlib" /**/
```

```
?H:#$d_archlib ARCHLIB_EXP "$sarchlibexp" /**/
```

?H:.

: determine where public architecture

dependent libraries go

```
set archlib archlib
```

```
eval $prefixit
```

```
case "$sarchlib" in
```

```
)
```

```
case "$sprivlib" in
```

```
)
```

```
  dflt=`./loc . ." $prefixexp/lib /usr/local/lib /usr/lib /lib`
```

```
  set dflt
```

```
  eval $prefixup
```

```
  ;;
```

```
*) dflt="$sprivlib/$sarchname";;
```

```
esac
```

```
;;
```

```
*) dflt="$sarchlib";;
```

```
esac
```

```
cat <<EOM
```

\$spackage contains architecture-dependent library files. If you are sharing libraries in a heterogeneous environment, you might store these files in a separate location. Otherwise, you can just include them with the rest of the public library files.

EOM

```
fn=d+~
```

```
rp='Where do you want to put the public architecture-dependent libraries?'
```

```
./getfile
```

```
archlib="$sans"
```

```
archlibexp="$sansexp"
```

```
if $afs; then
```

```
  $cat <<EOM
```

Since you are running AFS, I need to distinguish the directory in which private files reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

EOM

```
case "$installarchlib" in
```

```
) dflt=`echo $sarchlibexp | sed 's#^/afs/#/afs/.#`";;
```

```
*)
```

```

dflt="$installarchlib";;
esac
fn=de~
rp='Where will architecture-dependent library files be installed?'
./getfile
installarchlib="$ans"
else
installarchlib="$sarchlibexp"
fi
if $test X"$sarchlib" = X"$sprivlib"; then
d_archlib="$undef"
else
d_archlib="$define"
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/archlib.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: nblock_io.U,v 3.0.1.2 1997/02/28 16:17:14 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: nblock_io.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 16:17:14 ram
?RCS: patch61: simplify here document for shells that can't handle them well
?RCS: patch61: force use of "startsh" at the head of the generated script
?RCS: patch61: added new files to the ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.1 1995/07/25 14:13:22 ram
?RCS: patch56: created
?RCS:
?X:
?X: Simplify here document for shells that can't handle them well.
?X: (Problem reported on FreeBSD;
it's unclear if this helps.) --AD
?X:
?MAKE:o_nonblock eagain rd_nodata d_eofnblk: cat rm_try Compile run \
d_open3 h_sysfile h_fcntl signal_t hint Oldconfig Setvar \
startsh i_unistd i_fcntl i_stdlib d_fork d_pipe d_alarm
?MAKE: -pick add $@ %<

```

?S:o_nonblock:
 ?S: This variable bears the symbol value to be used during open() or fcntl()
 ?S: to turn on non-blocking I/O for a file descriptor. If you wish to switch
 ?S: between blocking and non-blocking, you may try ioctl(FIOSNBIO) instead,
 ?S: but that is only supported by some devices.
 ?S:.
 ?S:eagain:
 ?S: This variable bears the symbolic errno code set by read() when no
 ?S: data is present on the file and non-blocking I/O was enabled (otherwise,
 ?S: read() blocks naturally).
 ?S:.
 ?S:rd_nodata:
 ?S: This variable holds the return code from read() when no data is
 ?S: present. It should be -1, but some systems return 0 when O_NDELAY is
 ?S: used, which is a shame because you cannot make the difference between
 ?S: no data and an EOF.. Sigh!
 ?S:.
 ?S:d_eofnblk:
 ?S: This
 variable conditionally defines EOF_NONBLOCK if EOF can be seen
 ?S: when reading from a non-blocking I/O source.
 ?S:.
 ?C:VAL_O_NONBLOCK:
 ?C: This symbol is to be used during open() or fcntl(F_SETFL) to turn on
 ?C: non-blocking I/O for the file descriptor. Note that there is no way
 ?C: back, i.e. you cannot turn it blocking again this way. If you wish to
 ?C: alternatively switch between blocking and non-blocking, use the
 ?C: ioctl(FIOSNBIO) call instead, but that is not supported by all devices.
 ?C:.
 ?C:VAL_EAGAIN:
 ?C: This symbol holds the errno error code set by read() when no data was
 ?C: present on the non-blocking file descriptor.
 ?C:.
 ?C:RD_NODATA:
 ?C: This symbol holds the return code from read() when no data is present
 ?C: on the non-blocking file descriptor. Be careful! If EOF_NONBLOCK is
 ?C: not defined, then you can't distinguish between no data and EOF by
 ?C: issuing a read(). You'll have to find another way to tell for sure!
 ?C:.
 ?C:EOF_NONBLOCK:
 ?C: This
 symbol, if defined, indicates to the C program that a read() on
 ?C: a non-blocking file descriptor will return 0 on EOF, and not the value
 ?C: held in RD_NODATA (-1 usually, in that case!).
 ?C:.
 ?H:#define VAL_O_NONBLOCK \$o_nonblock
 ?H:#define VAL_EAGAIN \$again
 ?H:#define RD_NODATA \$rd_nodata


```

?H:#$d_eofnblk EOF_NONBLOCK
?H:.
?T:status
?F:!try.out !try.ret !try.err !try !mtry
?LINT:use d_open3
: check for non-blocking I/O stuff
case "$h_sysfile" in
true) echo "#include <sys/file.h>" > head.c;;
*)
    case "$h_fcntl" in
    true) echo "#include <fcntl.h>" > head.c;;
    *) echo "#include <sys/fcntl.h>" > head.c;;
    esac
    ;;
esac
echo " "
echo "Figuring out the flag used by open() for non-blocking I/O..." >&4
case "$o_nonblock" in
")
$cat head.c > try.c
$cat >>try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#$i_fcntl I_FCNTL
#ifdef I_FCNTL
#include <fcntl.h>
#endif
int main() {
#ifdef O_NONBLOCK
printf("O_NONBLOCK\n");
exit(0);
#endif
#ifdef
O_NDELAY
printf("O_NDELAY\n");
exit(0);
#endif
?X: Stevens "Advanced Programming in the UNIX Environment" page 364 mentions
?X: the FNDELAY symbol, used in 4.3BSD (source: Paul Marquess).
#ifdef FNDELAY
printf("FNDELAY\n");
exit(0);
#endif
exit(0);
}

```

```

EOCP
set try
if eval $compile_ok; then
  o_nonblock=`$run ./try`
  case "$o_nonblock" in
    *) echo "I can't figure it out, assuming O_NONBLOCK will do.";;
    *) echo "Seems like we can use $o_nonblock.";;
  esac
else
  echo "(I can't compile the test program; pray O_NONBLOCK is right!)"
fi
;;
*) echo "Using $hint value $o_nonblock.";;
esac
$rm_try

echo " "
echo "Let's see what value errno gets from read() on a $o_nonblock file..." >&4
case "$seagain" in
  *)
    case "$d_fork:$d_pipe:$d_alarm" in
      define:define:define)
        $cat head.c > try.c
        $cat >>try.c <<EOCP
        #include <errno.h>
        #include <sys/types.h>
        #include <signal.h>
        #include <stdio.h>
        #if _STDLIB
        #include <stdlib.h>
        #endif
        #if _FCNTL
        #include <fcntl.h>
        #endif
        #define MY_O_NONBLOCK $o_nonblock
        #ifndef errno /* XXX need better Configure test */
        extern int errno;
        #endif
        #if _UNISTD
        #include <unistd.h>
        #endif
        #include <string.h>
        $signal_t blech(int x) { exit(3); }
        EOCP

```

```

$cat >> try.c <<'EOCP'
int main()
{
int pd[2];
int pu[2];
char buf[1];
char string[100];
int ret;

ret = pipe(pd); /* Down: child -> parent */
if (ret != 0)
    exit(3);
ret = pipe(pu); /* Up: parent -> child */
if (ret != 0)
    exit(3);
if (0 != fork()) {
    close(pd[1]); /* Parent reads from pd[0] */
    close(pu[0]); /* Parent writes (blocking) to pu[1] */
#ifdef F_SETFL
    if (-1 == fcntl(pd[0], F_SETFL, MY_O_NONBLOCK))
        exit(1);
#else
    exit(4);
#endif
    signal(SIGALRM, blech);
    alarm(5);
    if ((ret = read(pd[0], buf, 1)) > 0) /* Nothing to read! */
        exit(2);
    sprintf(string, "%d\n", ret);
    ret = write(2, string, strlen(string));
    if (ret != strlen(string))
        exit(3);
    alarm(0);
#ifdef EAGAIN
    if (errno == EAGAIN) {
        printf("EAGAIN\n");
        goto ok;
    }
#endif
#ifdef EWOULDBLOCK
    if (errno == EWOULDBLOCK)
        printf("EWOULDBLOCK\n");
#endif
ok:
    ret = write(pu[1], buf, 1); /* Unblocks child, tell it to close our pipe */
    if (ret != 1)
        exit(3);
}

```

```

sleep(2); /* Give it time to close our pipe */
alarm(5);
ret = read(pd[0], buf, 1); /* Should read EOF */
alarm(0);
sprintf(string, "%d\n", ret);
ret = write(4, string, strlen(string));
if (ret != strlen(string))
    exit(3);
exit(0);
}

close(pd[0]); /* We write to pd[1] */
close(pu[1]); /* We read from pu[0] */
ret = read(pu[0], buf, 1); /* Wait for parent to signal us we may continue */
if (ret != 1)
    exit(3);
close(pd[1]); /* Pipe pd is now fully closed! */
exit(0); /* Bye bye, thank you for playing! */
}

```

EOCP

```

set try
if eval $compile_ok; then
?X: Use script to avoid the possible 'alarm call' message
echo "$startsh" >mtry
echo "$run ./try >try.out 2>try.ret 4>try.err
|| exit 4" >>mtry
chmod +x mtry
$run ./mtry >/dev/null 2>&1
case $? in
0) eagain=`$cat try.out`;
1) echo "Could not perform non-blocking setting!";;
2) echo "I did a successful read() for something that was not there!";;
3) echo "Hmm... non-blocking I/O does not seem to be working!";;
4) echo "Could not find F_SETFL!";;
*) echo "Something terribly wrong happened during testing.";;
esac
rd_nodata=`$cat try.ret`
echo "A read() system call with no data present returns $rd_nodata."
case "$rd_nodata" in
0|-1) ;;
*)
echo "(That's peculiar, fixing that to be -1.)"
rd_nodata=-1
;;
esac
case "$eagain" in
")
echo "Forcing errno EAGAIN on read() with no data available."

```

```

eagain=EAGAIN
;;
*)
echo "Your read() sets errno to $eagain when no data is available."
;;
esac
status=`$cat try.err`
case "$status" in
0) echo "And it correctly returns 0 to signal EOF.";;
-1) echo "But it also returns -1 to signal EOF, so be careful!";;
*)
echo "However, your read() returns '$status' on EOF??";;
esac
val="$define"
if test "$status" = "$rd_nodata"; then
echo "WARNING: you can't distinguish between EOF and no data!"
val="$undef"
fi
else
echo "I can't compile the test program--assuming errno EAGAIN will do."
eagain=EAGAIN
fi
;;
*) echo "Can't figure out how to test this--assuming errno EAGAIN will do."
eagain=EAGAIN
val="$define"
;;
esac
set d_eofnblk
eval $setvar
;;
*)
echo "Using $hint value $eagain."
echo "Your read() returns $rd_nodata when no data is present."
case "$d_eofnblk" in
"$define") echo "And you can see EOF because read() returns 0.";;
"$undef") echo "But you can't see EOF status from read() returned value.";;
*)
?X: Should not happen, but if it does, assume the worst!
echo "(Assuming you can't see EOF status from read anyway.)"
d_eofnblk=$undef
;;
esac
;;
esac
$rm_try head.c mtry

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/nblock_io.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: lintlib.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: lintlib.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:09:05 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:lintlib lintlibexp: Getfile Loc Oldconfig
```

```
?MAKE: -pick add $@ %<
```

```
?S:lintlib:
```

```
?S: This variable holds the name of the directory in which the user wants
```

```
?S: to put public lint-library files for the package in question. It is
```

```
?S: most often a local directory such as /usr/local/lib/lint. Programs using
```

```
?S: this variable must be prepared to
```

```
deal with ~name expansion.
```

```
?S:.
```

```
?S:lintlibexp:
```

```
?S: This variable is the same as the lintlib variable, but is filename
```

```
?S: expanded at configuration time, for convenient use in your makefiles.
```

```
?S:.
```

```
: determine where public lint libraries go
```

```
case "$lintlib" in
```

```
) dflt=`./loc . ." /usr/local/lib/lint /usr/lib/lint /usr/lib`;;
```

```
*) dflt="$lintlib" ;;
```

```
esac
```

```
echo " "
```

```
fn=d~
```

```
rp='Where do you want to put the public lint libraries?'
```

```
./getfile
```

```
lintlib="$ans"
```

```
lintlibexp="$ansexp"
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lintlib.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: orderlib.U,v 3.0.1.4 1997/02/28 16:18:18 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: orderlib.U,v $
?RCS: Revision 3.0.1.4 1997/02/28 16:18:18 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: likewise for .o replaced by $_o
?RCS: patch61: now uses the ar located by Loc.U
?RCS:
?RCS: Revision 3.0.1.3 1995/01/11 15:33:04 ram
?RCS: patch45: allows hint files to specify their own value for 'ranlib'
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:26:48 ram
?RCS: patch36: now performs a real small compile for accurate
checks (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:31:17 ram
?RCS: patch32: use cc variable instead of hardwired 'cc' in 1st compile
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:26 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:orderlib ranlib: Loc ar cat test rm +cc +ccflags +ldflags +libs i_stdlib _a _o run
?MAKE: -pick add $@ %<
?S:orderlib:
?S: This variable is "true" if the components of libraries must be ordered
?S: (with `lorder $* | tsort`) before placing them in an archive. Set to
?S: "false" if ranlib or ar can generate random libraries.
?S:.
?S:ranlib:
?S: This variable is set to the pathname of the ranlib program, if it is
?S: needed to generate random libraries. Set to ":" if ar can generate
?S: random libraries or if random libraries are not supported
?S:.
?F:!foobar
: see if ar generates random libraries by itself
echo " "
echo "Checking how to generate random libraries on your machine..." >&4
?X: Some systems (like MIPS) complain when running
ar... Others like Ultrix
?X: need an explicit 'ar ts' to add the table of contents.

```

?X: Still others like Linux run ar ts successfully, but still need ranlib.
?X: This set of tests seems the minimum necessary to check out Linux.
?X: We need to explicitly put the entries in out-of-order so that Sun's ld
?X: will fail. (Otherwise it complains, but gives an exit status of 0.)

```

echo 'int bar1() { return bar2(); }' > bar1.c
echo 'int bar2() { return 2; }' > bar2.c
$cat > foo.c <<EOP
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main() { printf("%d\n", bar1()); exit(0); }
EOP
$cc $ccflags -c bar1.c >/dev/null 2>&1
$cc $ccflags -c bar2.c >/dev/null 2>&1
$cc $ccflags -c foo.c >/dev/null 2>&1
$ar rc bar$_a bar2$_o bar1$_o >/dev/null 2>&1
if $cc -o foobar $ccflags $ldflags foo$_o bar$_a $libs >/dev/null 2>&1 &&
$run ./foobar >/dev/null 2>&1; then
echo "$ar appears to generate random libraries itself."
orderlib=false
if [ "X$ranlib" = "X" ]; then
    ranlib=":"
fi
elif
$ar s bar$_a >/dev/null 2>&1 &&
$cc -o foobar $ccflags $ldflags foo$_o bar$_a $libs >/dev/null 2>&1 &&
$run ./foobar >/dev/null 2>&1; then
echo "a table of contents needs to be added with '$ar s'."
orderlib=false
ranlib="$ar s"
elif $ar ts bar$_a >/dev/null 2>&1 &&
$cc -o foobar $ccflags $ldflags foo$_o bar$_a $libs >/dev/null 2>&1 &&
$run ./foobar >/dev/null 2>&1; then
echo "a table of contents needs to be added with '$ar ts'."
orderlib=false
ranlib="$ar ts"
else
?X: Allow hints to specify their own ranlib "script". For instance, on
?X: some NeXT machines, the timestamp put by ranlib is not correct, and this
?X: may raise tedious recompiles for nothing. Therefore, NeXT may add the
?X: ranlib='sleep 5; /bin/ranlib' line in their hints to "fix" that.
?X: (reported by Andreas Koenig <k@franz.ww.tu-berlin.de>)
case "$ranlib" in
:) ranlib=";;
")
ranlib=`./loc ranlib X /usr/bin /bin /usr/local/bin`
$test -f $ranlib || ranlib="

```



```

;;
esac
if $test -n "$ranlib";
then
echo "your system has '$ranlib'; we'll use that."
orderlib=false
else
echo "your system doesn't seem to support random libraries"
echo "so we'll use lorder and tsort to order the libraries."
orderlib=true
ranlib=":"
fi
fi
$rm -f foo* bar*

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/orderlib.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: fpu.U,v 3.0 1993/08/18 12:08:10 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: fpu.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:10 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?LINT: empty
?X:?MAKE:fpu: test cat cc Myread
?X:?MAKE: -pick add $@ %<
?X:?S:fpu (fpunit):
?X:?S: Set to be the compile flag for the local floating point unit.
?X:?S:.
?X:?C:FPU (FPUNIT):
?X:?C: String containing the flags for the local floating point unit.
?X:?C:.
?X:?H:#define FPU "$fpu" /**/
?X:?H:.
?X:: see what floating point compile flags should be used.
?X:fpu="
?X:if

```

```

$test -r /dev/fpa; then
?X: $cat>fpa.c << GOOP
?X: main(){return(1);}
?X:GOOP
?X: $cc -ffpa -o fpa fpa.c
?X: fpa > fpa.out 2>&1
?X: if $test ! -s fpa.out; then
?X: dflt='y'
?X: $cat <<'EOM'
?X:
?X:You seem to have a sun fpa... I can compile the code to use the fpa but it will
?X:mean that the code can ONLY run on a machine with a fpa...
?X:
?X:EOM
?X: rp="Should I compile for fpa?"
?X: . ./myread
?X: if $test $ans = "n"; then
?X: fpu="
?X: else
?X: fpu='-ffpa'
?X: fi
?X: else
?X: $cat <<'EOM'
?X:
?X:You have the fpa device but I can't seem to use it. Maybe you should talk to
?X:your sysadmin about this. For now, I am not going to compile it in.
?X:
?X:EOM
?X: fi
?X:fi
?X:if $test "$fpu" = ""; then
?X: if $test -r /usr/etc/mc68881version; then
?X: dflt='y'
?X: $cat <<'EOM'
?X:
?X:There also seems to be the pieces for a 68881. If I compile this in, it will
?X:work on almost all Sun 3's except for a few Sun-3/50s without a 68881...
?X:
?X:EOM
?X: rp="Should
I compile for a 68881?"
?X: . ./myread
?X: if $test $ans = "y"; then
?X: fpu='-f68881'
?X: fi
?X: fi
?X:fi
?X:

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/nullified/fpu.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_portable.U,v 3.0.1.2 1995/01/11 15:28:52 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: This file is included with or a derivative work of a file included

?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.

?RCS: In accordance with clause 7 of dist's modified Artistic License:

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: d_portable.U,v \$

?RCS: Revision 3.0.1.2 1995/01/11 15:28:52 ram

?RCS: patch45: executable path stripping moved to the end in Config_sh.U

?RCS:

?RCS: Revision 3.0.1.1 1993/12/15 08:21:17 ram

?RCS: patch15: did not strip variables properly when needed

?RCS: patch15: now also strips down variables from trylist

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:48 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

This is the same as the dist version, except I don't bother

?X: prompting people since it makes no difference for perl5,

?X: and only confuses people.

?X:

?X: The Loc unit is wanted to get the definition of all the locating variables.

?X:

?MAKE:d_portable: Loc Oldconfig

?MAKE: -pick add \$@ %<

?S:d_portable:

?S: This variable conditionally defines the PORTABLE symbol, which

?S: indicates to the C program that it should not assume that it is

?S: running on the machine it was compiled on.

?S:.

?C:PORTABLE:

?C: This symbol, if defined, indicates to the C program that it should

?C: not assume that it is running on the machine it was compiled on.

?C: The program should be prepared to look up the host name, translate

?C: generic filenames, use PATH, etc.

?C:.

```
?H:#$d_portable PORTABLE /**/  
?H:.  
?D:d_portable="  
: decide how portable to be. Allow command line overrides.  
case "$d_portable" in  
"$undef") ;;  
*) d_portable="$define" ;;  
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_portable.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?MAKE:d_mprotect: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_mprotect:
```

```
?S: This variable conditionally defines HAS_MPROTECT if mprotect() is
```

```
?S: available to modify the access protection of a memory mapped file.
```

```
?S:.
```

```
?C:HAS_MPROTECT:
```

```
?C: This symbol, if defined, indicates that the mprotect system call is
```

```
?C: available to modify the access protection of a memory mapped file.
```

```
?C:.
```

```
?H:#$d_mprotect HAS_MPROTECT /**/  
?H:.
```

```
?LINT:set d_mprotect
```

```
: see if mprotect exists
```

```
set mprotect d_mprotect
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_mprotect.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

?RCS: Copyright (c) 2010 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_prctl d_prctl_set_name: Inlibc cat Compile run rm_try

?MAKE: -pick add \$@ %<

?S:d_prctl:

?S: This variable conditionally defines the HAS_PRCTL symbol, which

?S: indicates to the C program that the prctl() routine is available.

?S: Note that there are at least two prctl variants: Linux and Irix.

?S: While they are somewhat similar, they are incompatible.

?S:.

?S:d_prctl_set_name:

?S: This variable conditionally defines the HAS_PRCTL_SET_NAME symbol,

?S: which indicates to the C program that the prctl() routine supports

?S: the PR_SET_NAME option.

?S:.

?C:HAS_PRCTL:

?C: This symbol, if defined, indicates that the prctl routine is

?C: available to set process title.

?C: Note that there are at least two

prctl variants: Linux and Irix.

?C: While they are somewhat similar, they are incompatible.

?C:.

?C:HAS_PRCTL_SET_NAME:

?C: This symbol, if defined, indicates that the prctl routine is

?C: available to set process title and supports PR_SET_NAME.

?C:.

?H:#\$d_prctl HAS_PRCTL /**/

?H:#\$d_prctl_set_name HAS_PRCTL_SET_NAME /**/

?H:.

?F:!try

?LINT:set d_prctl

: see if prctl exists

set prctl d_prctl

eval \$inlibc

: see if prctl supports PR_SET_NAME

d_prctl_set_name=\$undef

case \$d_prctl in

 \$define)

 \$cat >try.c <<EOM

#ifdef __ANDROID__

#include <unistd.h>

#endif

#include <sys/prctl.h>

```

int main (int argc, char *argv[])
{
    return (prctl (PR_SET_NAME, "Test"));
} /* main */
EOM
set try
if eval $compile_ok && $run ./try; then
    echo "Your prctl (PR_SET_NAME, ...) works"
    d_prctl_set_name=$define
    fi
$rm_try
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_prctl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_random_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_random_r random_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_stdlib extern_C

?MAKE: -pick add \$@ %<

?S:d_random_r:

?S: This variable conditionally defines the HAS_RANDOM_R symbol,

?S: which indicates to the C program that the random_r()

?S: routine is available.

?S:.

?S:random_r_proto:

?S: This variable encodes the prototype of random_r.

?S: It is zero if d_random_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_random_r

?S: is defined.

?S:.

?C:HAS_RANDOM_R:

?C: This symbol, if defined, indicates that the random_r routine

?C: is available to random re-entrantly.

?C:.

?C:RANDOM_R_PROTO:

?C: This

```

symbol encodes the prototype of random_r.
?C: It is zero if d_random_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_random_r
?C: is defined.
?C:.
?H:#$d_random_r HAS_RANDOM_R /**/
?H:#define RANDOM_R_PROTO $random_r_proto /**/
?H:.
?T:try hdrs d_random_r_proto
: see if random_r exists
set random_r d_random_r
eval $inlibc
case "$d_random_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_stdlib stdlib.h"
case "$d_random_r_proto:$usethreads" in
":define") d_random_r_proto=define
set d_random_r_proto random_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_random_r_proto" in
define)
case "$random_r_proto" in
"|0) try='int random_r(int*, struct random_data*);'
./protochk "$extern_C $try" $hdrs && random_r_proto=I_iS ;;
esac
case "$random_r_proto" in
"|0) try='int random_r(long*, struct random_data*);'
./protochk "$extern_C $try" $hdrs && random_r_proto=I_lS ;;
esac
case "$random_r_proto" in
"|0)
try='int random_r(struct random_data*, int32_t*);'
./protochk "$extern_C $try" $hdrs && random_r_proto=I_St ;;
esac
case "$random_r_proto" in
"|0) d_random_r=undef
random_r_proto=0
echo "Disabling random_r, cannot determine prototype." >&4 ;;
*) case "$random_r_proto" in
REENTRANT_PROTO*) ;;
*) random_r_proto="REENTRANT_PROTO_$random_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in

```

```
define) echo "random_r has no prototype, not using it." >&4 ;;
esac
d_random_r=undef
random_r_proto=0
;;
esac
;;
*) random_r_proto=0
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_random_r.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_htonl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_htonl.U,v $
?RCS: Revision 3.0.1.2 1994/08/29 16:09:25 ram
?RCS: patch32: now properly handles htonl() and friends when macros (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:45:00 ram
?RCS: patch23: now also check for htonl() macro (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:22 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_htonl: Inlibc Setvar i_niin i_sysin i_arpainet cat rm contains \
cppstdin cppflags cppminus
?MAKE: -pick
add $@ %<
?S:d_htonl:
?S: This variable conditionally defines HAS_HTONL if htonl() and its
?S: friends are available to do network order byte swapping.
?S:.
?C:HAS_HTONL (HTONL):
?C: This symbol, if defined, indicates that the htonl() routine (and
?C: friends htons() ntohl() ntohs()) are available to do network
?C: order byte swapping.
```


?C:.

?C:HAS_HTONS (HTONS):

?C: This symbol, if defined, indicates that the htons() routine (and

?C: friends htonl() ntohl() ntohs()) are available to do network

?C: order byte swapping.

?C:.

?C:HAS_NTOHL (NTOHL):

?C: This symbol, if defined, indicates that the ntohl() routine (and

?C: friends htonl() htons() ntohs()) are available to do network

?C: order byte swapping.

?C:.

?C:HAS_NTOHS (NTOHS):

?C: This symbol, if defined, indicates that the ntohs() routine (and

?C: friends htonl() htons() ntohl()) are available to do network

?C: order byte swapping.

?C:.

?H:#\$d_htonl HAS_HTONL /**/

?H:#\$d_htonl HAS_HTONS /**/

?H:#\$d_htonl HAS_NTOHL /**/

?H:#\$d_htonl

HAS_NTOHS /**/

?H:.

?F:!htonl.c

?LINT:set d_htonl

: see if htonl --and friends-- exists

val="

set htonl val

eval \$inlibc

: Maybe they are macros.

case "\$val" in

\$undef)

\$cat >htonl.c <<EOM

#include <stdio.h>

#include <sys/types.h>

#\$i_niin I_NETINET_IN

#\$i_sysin I_SYS_IN

#\$i_arpainet I_ARPA_INET

#ifdef I_NETINET_IN

#include <netinet/in.h>

#endif

#ifdef I_SYS_IN

#include <sys/in.h>

#endif

#ifdef I_ARPA_INET

#include <arpa/inet.h>

#endif

#ifdef htonl

```

printf("Defined as a macro.");
#endif
EOM
$cppstdin $cppflags $cppminus < htonl.c >htonl.E 2>/dev/null
if $contains 'Defined as a macro' htonl.E >/dev/null 2>&1; then
  val="$define"
  echo "But it seems to be defined as a macro." >&4
fi
$rm -f htonl.?
;;
esac
set d_htonl
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_htonl.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: mansrc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: mansrc.U,v $
?RCS: Revision 3.0.1.9 1997/02/28 16:12:03 ram
?RCS: patch61: don't ask for AFS when they choose to not install pages
?RCS:
?RCS: Revision 3.0.1.8 1995/09/25 09:16:58 ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.7 1995/02/15 14:15:31 ram
?RCS: patch51: was mistakenly duplicating /usr/local/man/man1 (ADO)
?RCS: patch51: added /opt/man/man1 to the lookpath (ADO)
?RCS:
?RCS: Revision
3.0.1.6 1995/01/30 14:39:34 ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.5 1995/01/11 15:32:25 ram
?RCS: patch45: can now use Loc variables since path stripping is deferred
?RCS:
?RCS: Revision 3.0.1.4 1994/08/29 16:30:38 ram

```

?RCS: patch32: now uses installation prefix for default setting
?RCS:
?RCS: Revision 3.0.1.3 1994/05/06 15:11:10 ram
?RCS: patch23: added lint hint, assuring that nroff is used
?RCS:
?RCS: Revision 3.0.1.2 1994/01/24 14:14:39 ram
?RCS: patch16: now uses _nroff in case user asked for portability
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:09:31 ram
?RCS: patch10: allows for L1 man page extension (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:14 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:mansrc mansrcexp manext installmansrc: afs cat nroff Loc Oldconfig \
sysman spackage test Getfile Prefixit prefixexp Prefixup
?MAKE: -pick add \$@ %<
?Y:TOP
?S:mansrc:
?S: This variable
contains the name of the directory in which manual
?S: source pages are to be put. It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command.
?S: You must be prepared to do the ~name expansion yourself.
?S:.
?S:mansrcexp:
?S: This variable is the same as the mansrc variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?S:installmansrc:
?S: This variable is really the same as mansrcexp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: mansrcexp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?S:manext:
?S: This variable contains the extension that the manual page should
?S: have: one of 'n', 'l', or '1'. The Makefile must supply the '!'.
?S: See mansrc.
?S:.
?T:lookpath
: determine where manual pages go
set mansrc mansrc none
eval \$prefixit
\$cat <<EOM

\$spackage has manual

pages available in source form.

EOM

```
case "$nroff" in
nroff)
echo "However, you don't have nroff, so they're probably useless to you."
case "$mansrc" in
") mansrc="none";;
esac;;
esac
echo "If you don't want the manual sources installed, answer 'none'."
case "$mansrc" in
")
lookpath="$prefixexp/share/man/man1 $prefixexp/man/man1"
lookpath="$lookpath $prefixexp/man/u_man/man1 $prefixexp/man/l_man/man1"
lookpath="$lookpath /usr/local/man/man1 /opt/man/man1 /usr/man/man1"
lookpath="$lookpath /usr/share/man/man1 /usr/local/share/man/man1"
lookpath="$lookpath /usr/man/local/man1 /usr/man/l_man/man1"
lookpath="$lookpath /usr/local/man/u_man/man1 /usr/local/man/l_man/man1"
lookpath="$lookpath /usr/man/man.L"
mansrc=`./loc . $prefixexp/man/man1 $lookpath`
if $test -d "$mansrc"; then
dflt="$mansrc"
else
dflt="$sysman"
fi
set dflt
eval $prefixup
;;
') dflt=none;;
*) dflt="$mansrc"
;;
esac
echo " "
fn=dn~
rp='Where do the manual pages (source) go?'
./getfile
if test
"$X$mansrcexp" != "$X$ansexp"; then
installmansrc="
fi
mansrc="$ans"
mansrcexp="$ansexp"
case "$mansrc" in
") mansrc=' '
installmansrc="";;
esac
if $safs && $test "$mansrc"; then
$cat <<EOM
```

Since you are running AFS, I need to distinguish the directory in which manual pages reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

EOM

```
case "$installmansrc" in
*) dflt=`echo $mansrcexp | sed 's#^/afs/#/afs/#'`;
*) dflt="$installmansrc";
esac
fn=de~
rp='Where will man pages be installed?'
./getfile
installmansrc="$ans"
else
installmansrc="$mansrcexp"
fi
```

```
case "$mansrc" in
') manext='0';
*) manext=1;;
*n) manext=n;;
*o) manext=1;;
*p) manext=n;;
*C) manext=C;;
*L) manext=L;;
*L1) manext=L1;;
*) manext=1;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mansrc.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999, Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:fflushNULL fflushall: Compile cat rm rm_try test osname run to from \

Oldconfig Myread Setvar echo targethost \

d_sysconf i_unistd d_stdio_stream_array stdio_stream_array i_stdlib

```

?MAKE: -pick add $@ %<
?S:fflushNULL:
?S: This symbol, if defined, tells that fflush(NULL) correctly
?S: flushes all pending stdio output without side effects. In
?S: particular, on some platforms calling fflush(NULL) *still*
?S: corrupts STDIN if it is a pipe.
?S:.
?S:fflushall:
?S: This symbol, if defined, tells that to flush
?S: all
?S: pending stdio output one must loop through all
?S: the stdio file handles stored in an array and fflush them.
?S: Note that if fflushNULL is defined, fflushall will not
?S: even be probed for and will be left undefined.
?S:.
?C:FFLUSH_NULL:
?C: This symbol, if defined, tells that fflush(NULL) correctly
?C: flushes all pending stdio output without side effects. In
?C: particular, on some platforms calling fflush(NULL) *still*
?C: corrupts STDIN if it is a pipe.
?C:.
?C:FFLUSH_ALL:
?C: This symbol, if defined, tells that to flush
?C: all pending stdio output one must loop through all
?C: the stdio file handles stored in an array and fflush them.
?C: Note that if fflushNULL is defined, fflushall will not
?C: even be probed for and will be left undefined.
?C:.
?H:#$fflushNULL FFLUSH_NULL /**/
?H:#$fflushall FFLUSH_ALL /**/
?H:.
?T:output code
?F:!try.out !try !tryp
: Check how to flush
echo " "
$cat >&4 <<EOM
Checking how to flush all pending stdio output...
EOM
# I only know how to find
# the first 32 possibly open files on SunOS.
# See also hints/sunos_4_1.sh and util.c --AD
case "$osname" in
sunos) $echo '#define PERL_FFLUSH_ALL_FOPEN_MAX 32' > try.c ;;
esac
$cat >>try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB

```

```

#include <stdlib.h>
#endif
#$i_unistd I_UNISTD
#ifdef I_UNISTD
# include <unistd.h>
#endif
#$d_sysconf HAS_SYSCONF
#$d_stdio_stream_array HAS_STDIO_STREAM_ARRAY
#ifdef HAS_STDIO_STREAM_ARRAY
# define STDIO_STREAM_ARRAY $stdio_stream_array
#endif
int main() {
FILE* p;
unlink("try.out");
p = fopen("try.out", "w");
#ifdef TRY_FPUTC
fputc('x', p);
#else
# ifdef TRY_FPRINTF
fprintf(p, "x");
# endif
#endif
#ifdef TRY_FFLUSH_NULL
fflush(NULL);
#endif
#ifdef TRY_FFLUSH_ALL
{
long open_max = -1;
# ifdef PERL_FFLUSH_ALL_FOPEN_MAX
open_max = PERL_FFLUSH_ALL_FOPEN_MAX;
# else
# if defined(HAS_SYSCONF) && defined(_SC_OPEN_MAX)
open_max = sysconf(_SC_OPEN_MAX);
# else
# ifdef FOPEN_MAX
open_max = FOPEN_MAX;
# else
#
# ifdef OPEN_MAX
open_max = OPEN_MAX;
# else
# ifdef _NFILE
open_max = _NFILE;
# endif
# endif
# endif
# endif
}
#endif

```

```

# ifdef HAS_STDIO_STREAM_ARRAY
  if (open_max > 0) {
    long i;
    for (i = 0; i < open_max; i++)
      if (STDIO_STREAM_ARRAY[i]._file >= 0 &&
          STDIO_STREAM_ARRAY[i]._file < open_max &&
          STDIO_STREAM_ARRAY[i]._flag)
        fflush(&STDIO_STREAM_ARRAY[i]);
  }
}
# endif
#endif
_exit(42);
}
EOCP
: first we have to find out how _not_ to flush
$to try.c
if $test "X$fflushNULL" = X -o "X$fflushall" = X; then
  output="
  set try -DTRY_FPUTC
  if eval $compile; then
    $run ./try 2>/dev/null
    code="$?"
    $from try.out
    if $test ! -s try.out -a "X$code" = X42; then
output=-DTRY_FPUTC
    fi
  fi
  case "$output" in
  ")
    set try -DTRY_FPRINTF
    if eval $compile; then
      $run ./try 2>/dev/null
      code="$?"
      $from try.out
      if $test ! -s try.out -a "X$code" = X42; then
output=-DTRY_FPRINTF
    fi
  fi
  ;;
  esac
fi
: check for fflush NULL behavior
case "$fflushNULL" in
") set try -DTRY_FFLUSH_NULL $output
if eval $compile; then
  $run ./try 2>/dev/null

```



```

code="$?"
$from try.out
if $test -s try.out -a "X$code" = X42; then
  fflushNULL=""$cat try.out`"
else
  if $test "X$code" != X42; then
    $cat >&4 <<EOM

```

(If this test failed, don't worry, we'll try another method shortly.)

EOM

```
fi
```

```
fi
```

```
fi
```

```
$rm -f core try.core core.try.*
```

```
case "$fflushNULL" in
```

```
x) $cat >&4 <<EOM
```

Your fflush(NULL) works okay for output streams.

Let's see if it clobbers input pipes...

EOM

```
# As of mid-March 2000 all versions of Solaris appear to have a stdio
```

```
# bug that improperly flushes the input end of pipes. So we avoid the
```

```
# autoflush on fork/system/exec support for now. :-(
```

```
$cat >tryp.c <<EOCP
```

```
#include <stdio.h>
```

```
int
```

```
main(int argc, char **argv)
```

```
{
```

```
    char buf[1024];
```

```
    int i;
```

```
    char *bp = buf;
```

```
    while (1) {
```

```
while ((i = getc(stdin)) != -1
```

```
    && (*bp++ = i) != '\n'
```

```

        && bp < &buf[1024])
```

```
/* DO NOTHING */;
```

```
*bp = '\0';
```

```
fprintf(stdout, "%s", buf);
```

```
fflush(NULL);
```

```
if (i == -1)
```

```
    return 0;
```

```
bp = buf;
```

```
    }
```

```
}
```

EOCP

```
fflushNULL="$define"
```

```
set tryp
```

```
if eval $compile; then
```

```
    $rm -f tryp.out
```

```

# Copy the .c file to the remote host ($to is an ssh-like if targethost is set)
if $test "X$targethost" != X; then
$to tryp.c
$to tryp
$run "cat tryp.c | ./tryp " 2>/dev/null > tryp.out
else
$cat tryp.c | $run ./tryp 2>/dev/null > tryp.out
fi
if cmp tryp.c tryp.out >/dev/null 2>&1; then
$cat >&4 <<EOM

```

fflush(NULL) seems to behave okay with input streams.

EOM

```

fflushNULL="$define"
else
$cat >&4 <<EOM

```

Ouch, fflush(NULL) clobbers input pipes! We will not use it.

EOM

```

fflushNULL="$undef"
fi
fi
$rm -f core tryp.c tryp.core core.tryp.*
;;
") $cat >&4 <<EOM

```

Your fflush(NULL) isn't working (contrary to ANSI C).

EOM

```

fflushNULL="$undef"
;;
*) $cat >&4 <<EOM

```

Cannot figure out whether
your fflush(NULL) works or not.

I'm assuming it doesn't (contrary to ANSI C).

EOM

```

fflushNULL="$undef"
;;
esac
;;
$define|true|[yY]*)
fflushNULL="$define"
;;
*)
fflushNULL="$undef"
;;
esac

```

: check explicit looping only if NULL did not work, and if the pipe

: bug does not show up on an explicit flush too

case "\$fflushNULL" in

"\$undef")

```

$cat >tryp.c <<EOCP

```

```

#include <stdio.h>
int
main(int argc, char **argv)
{
    char buf[1024];
    int i;
    char *bp = buf;
    while (1) {
while ((i = getc(stdin)) != -1
        && (*bp++ = i) != '\n'
        && bp < &buf[1024])
/* DO NOTHING */;
*bp = '\0';
fprintf(stdout, "%s", buf);
fflush(stdin);
if (i == -1)
    return 0;
bp = buf;
    }
}

```

E0CP

```

set tryp
if eval $compile; then
    $rm -f tryp.out
    if $test "X$targethost" != X; then
$to tryp.c
$to tryp
$run "cat tryp.c | ./tryp " 2>/dev/null > tryp.out
    else
$cat tryp.c | $run ./tryp 2>/dev/null > tryp.out
    fi
    if cmp tryp.c tryp.out >/dev/null 2>&1;
then
    $cat >&4 <<EOM

```

Good, at least fflush(stdin) seems to behave okay when stdin is a pipe.

EOM

```

: now check for fflushall behaviour
case "$fflushall" in
") set try -DTRY_FFLUSH_ALL $output
if eval $compile; then
    $cat >&4 <<EOM

```

(Now testing the other method--but note that this also may fail.)

EOM

```

$run ./try 2>/dev/null
code=$?
$from tryp.out
if $test -s tryp.out -a "X$code" = X42; then
    fflushall="$cat tryp.out` "

```

```

fi
fi
$rm_try
case "$fflushall" in
x) $cat >&4 <<EOM

```

Whew. Flushing explicitly all the stdio streams works.

EOM

```

fflushall="$define"
;;
") $cat >&4 <<EOM

```

Sigh. Flushing explicitly all the stdio streams doesn't work.

EOM

```

fflushall="$undef"
;;
*) $cat >&4 <<EOM

```

Cannot figure out whether flushing stdio streams explicitly works or not.

I'm assuming it doesn't.

EOM

```

fflushall="$undef"
;;
esac
;;
"$define"|true|[yY]*)
fflushall="$define"
;;
*)
fflushall="$undef"
;;
esac

```

else

```
$cat >&4 <<EOM
```

All is futile. Even fflush(stdin) clobbers input pipes!

EOM

```

fflushall="$undef"
fi
else
fflushall="$undef"
fi
$rm -f core tryp.c tryp.core core.tryp.*
;;
*) fflushall="$undef"
;;
esac

```

```
case "$fflushNULL$fflushall" in
```

```
undefundef)
```

```
$cat <<EOM
```

OK, I give up. I cannot figure out how to flush pending stdio output.

We won't be flushing handles at all before fork/exec/popen.

EOM

::

esac

\$rm_try tryp

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/fflushall.U

No license file was found, but licenses were detected in source scan.

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_lc_monetary_2008: cat Compile rm_try d_loconv

?MAKE: -pick add \$@ %<

?S:d_lc_monetary_2008:

?S: This variable conditionally defines HAS_LC_MONETARY_2008 if libc

?S: has the international currency locale rules from POSIX

?S: 1003.1-2008.

?S:.

?C:HAS_LC_MONETARY_2008:

?C: This symbol, if defined, indicates that the localeconv routine is

?C: available and has the additional members added in POSIX 1003.1-2008.

?C:.

?H:#\$d_lc_monetary_2008 HAS_LC_MONETARY_2008 /**/

?H:.

: see if libc has the POSIX.1-2008 currency locale rules

case "\$d_loconv:\$d_lc_monetary_2008" in

\$define:)

\$cat

>try.c <<EOCP

#include <locale.h>

int main() {

struct lconv *lc = localeconv();

char int_p_cs_precedes = lc->int_p_cs_precedes;

return 0;

}

EOCP

set try

if eval \$compile; then

d_lc_monetary_2008="\$define"

else

d_lc_monetary_2008="\$undef"

```
fi;
$rm_try
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lc_monetary_2008.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_isnormal: cat Compile Setvar rm_try

?MAKE: -pick add \$@ %<

?S:d_isnormal:

?S: This variable conditionally defines the HAS_ISNORMAL symbol, which

?S: indicates to the C program that the isnormal() routine is available.

?S:.

?C:HAS_ISNORMAL:

?C: This symbol, if defined, indicates that the isnormal routine is

?C: available to check whether a double is normal (non-zero normalized).

?C:.

?H:#\$d_isnormal HAS_ISNORMAL /**/

?H:.

?LINT:set d_isnormal

: check for isnormal

echo "Checking to see if you have isnormal..." >&4

\$cat >try.c <<EOCP

#include <math.h>

int main() { return isnormal(0.0); }

EOCP

set try

if eval \$compile; then

val="\$define"

echo "You have isnormal."

else

val="\$undef"

echo "You do not have isnormal."

fi

\$rm_try

set d_isnormal

eval \$setvar

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isnormal.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sighold.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_sighold.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:21 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_sighold: Inlibc
?MAKE: -pick add $@ %<
?S:d_sighold:
?S: This variable conditionally defines HAS_SIGHOLD if sighold() is
?S: available to hold signals.
?S:.
?C:HAS_SIGHOLD:
?C: This symbol, if defined, indicates that the sighold routine is
?C: available to hold signals.
?C:.
?H:#$d_sighold HAS_SIGHOLD /**/
?H:.
?LINT:set d_sighold
:
see if sighold exists
set sighold d_sighold
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sighold.U
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* $Id: dup2.C,v 3.0.1.1 1994/01/24 13:58:37 ram Exp ram $
*
* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
* You may redistribute only under the terms of the Artistic Licence,
* as specified in the README file that comes with the distribution.
* You may reuse parts of this distribution only within the terms of
* that same Artistic Licence; a copy of which may be found at the root
```

* of the source tree for dist 4.0.
*
* Original Author: Larry Wall <lwall@netlabs.com>
*
* \$Log: dup2.C,v \$
* Revision 3.0.1.1 1994/01/24 13:58:37 ram
* patch16: created
*
*/

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/dup2.C

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: AAAAA.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: AAAAA.U,v \$
?RCS: Revision 3.0.1.4 1994/06/20 06:50:26 ram
?RCS: patch30: changes from Jarkko Hietaniemi are tagged with JHI
?RCS:
?RCS: Revision 3.0.1.3 1994/05/06 14:01:39 ram
?RCS: patch23: initials for Wayne Davison are now WED
?RCS: patch23: added initials for new unit contributor Andy Dougherty
?RCS:
?RCS: Revision 3.0.1.2 1994/01/24 14:01:09 ram
?RCS: patch16: make metalint shut up on special unit definition for All target
?RCS:
?RCS: Revision
3.0.1.1 1993/09/13 15:43:57 ram
?RCS: patch10: documents initials used for Wayne Davison's contributions
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:44 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: The purpose of this file is to supply the head of the Makefile created
?X: by metaconfig. For this reason it must be first in alphabetical order.
?X: The leading '+' in front of the unit name is a hint for metalint, since
?X: the use of that special unit name as a "made" unit is legitimate here.

?X:
?MAKE:+All: Finish
?X:
?X: Throughout the units, the following initials are used to identify comments:
?X:
?X: HMS: Harlan Stenn
?X: RAM: Raphael Manfredi
?X: WED: Wayne Davison (was WAD by mistake--RAM)
?X: ADO: Andy Dougherty
?X: JHI: Jarkko Hietaniemi
?X:
?X: Agreed, this is a weird place to document it, but I couldn't find a better
?X: place to do so. I've bet on the curiosity of users, who would probably
?X: want to know what's in this strangely-named file--RAM.

Found

in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/AAAAA.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getprior.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_getprior.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:16 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getprior: Inlibc
?MAKE: -pick add \$@ %<
?S:d_getprior:
?S: This variable conditionally defines HAS_GETPRIORITY if getpriority()
?S: is available to get a process's priority.
?S:.
?C:HAS_GETPRIORITY (GETPRIORITY):
?C: This symbol, if defined, indicates that the getpriority routine is
?C: available to get a process's priority.
?C:.
?H:#\$d_getprior
HAS_GETPRIORITY /**/
?H:.

```
: see if getpriority exists
?LINT:set d_getprior
set getpriority d_getprior
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getprior.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Rcs.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: Rcs.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:05:15 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?X:
```

```
?X: This is a unit that helps people who write SH scripts and keep them under
```

```
?X: RCS, but don't think to protect the $Log and other $Id keywords from
```

```
?X: variable substitution (or people like me who do not like to).
```

```
?X:
```

```
?MAKE:Author Date Header Id Locker Log RCSfile Revision Source State: Oldconfig
```

```
?MAKE: -pick weed $@ %<
```

```
?LINT:describe Author
```

```
Date Header Id Locker Log RCSfile Revision Source State
```

```
: preserve RCS keywords in files with variable substitution, grrr
```

```
?Author:Author='$Author'
```

```
?Date:Date='$Date'
```

```
?Header:Header='$Header'
```

```
?Id:Id='$Id'
```

```
?$Locker'
```

```
?Log:Log='$Log'
```

```
?RCSfile:RCSfile='$RCSfile'
```

```
?Revision:Revision='$Revision'
```

```
?Source:Source='$Source'
```

```
?State:State='$State'
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Rcs.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sitecustomize.U,v $
?RCS:
?RCS: Copyright (c) 2005-2006 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_sitecustomize.U,v $
?RCS:
?MAKE:usesitecustomize: Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:usesitecustomize:
?S: This variable is set to true when the user requires a mechanism that
?S: allows the sysadmin to add entries to @INC at runtime. This variable
?S: being set, makes perl run '$sitelib/sitecustomize.pl' at startup.
?S:.
?C:USE_SITECUSTOMIZE:
?C: This symbol, if defined, indicates that sitecustomize should
?C: be used.
?C:.
?H:%<:@if USE_SITECUSTOMIZE
?H:%<:#ifndef USE_SITECUSTOMIZE
?H:%<:#$usesitecustomize USE_SITECUSTOMIZE /**/
?H:%<:#endif
?H:%<:@end
?H:.
: Check if site customization support was requested
case "$usesitecustomize" in
  $define|true|[Yy]*)
    usesitecustomize="$define"
  ;;
  *)
    usesitecustomize="$undef"
  ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sitecustomize.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
```

```

?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_malloc.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:21 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_malloc: Inhdr
?MAKE: -pick add $@ %<
?S:i_malloc:
?S: This variable conditionally defines the I_MALLOC symbol, and indicates
?S: whether a C program should include <malloc.h>.
?S:.
?C:I_MALLOC:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <malloc.h>.
?C:.
?H:#$i_malloc I_MALLOC /**/
?H:.
?LINT:set i_malloc
: see if this is a malloc.h system
set
  malloc.h i_malloc
eval $inhdr

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_malloc.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_shmdt.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_shmdt.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:19 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_shmdt: Inlibc
?MAKE: -pick add $@ %<

```

?S:d_shmdt:
?S: This variable conditionally defines the HAS_SHMDT symbol, which
?S: indicates to the C program that the shmdt() routine is available.
?S:.
?C:HAS_SHMDT:
?C: This symbol, if defined, indicates that the shmdt() routine is
?C: available to detach a shared memory segment from the process
space.
?C:.
?H:#\$d_shmdt HAS_SHMDT /**/
?H:.
?LINT:set d_shmdt
: see if shmdt exists
set shmdt d_shmdt
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_shmdt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_volatile.U,v 3.0.1.2 1995/07/25 14:08:49 ram Exp \$
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: d_volatile.U,v \$
?RCS: Revision 3.0.1.2 1995/07/25 14:08:49 ram
?RCS: patch56: made cc and ccflags optional dependencies
?RCS:
?RCS: Revision 3.0.1.1 1993/09/09 11:49:51 ram
?RCS: patch9: volatile definition was swapped over with undef
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:57 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_volatile: cat +cc +ccflags rm_try Setvar
?MAKE:-pick add \$@ %<
?S:d_volatile:
?S: This variable conditionally
defines the HASVOLATILE symbol, which
?S: indicates to the C program that this C compiler knows about the
?S: volatile declaration.

```

?S:.
?C:HASVOLATILE ~ %<:
?C: This symbol, if defined, indicates that this C compiler knows about
?C: the volatile declaration.
?C:.
?H:?%<:#$d_volatile HASVOLATILE /**/
?H:?%<:#ifndef HASVOLATILE
?H:?%<:#define volatile
?H:?%<:#endif
?H:.
?LINT:set d_volatile
?LINT:known volatile
: check for volatile keyword
echo " "
echo 'Checking to see if your C compiler knows about "volatile"...' >&4
$cat >try.c <<'EOCP'
int main()
{
?X:
?X: The following seven lines added by Bill Campbell <billc@sierra.com>
?X: detect that MIPS compilers do not handle volatile in all situations.
?X:
typedef struct _goo_struct goo_struct;
goo_struct * volatile goo = ((goo_struct *)0);
struct _goo_struct {
    long long_int;
    int reg_int;
    char char_var;
};
typedef unsigned short foo_t;
char *volatile foo;
volatile int bar;
volatile foo_t blech;
foo = foo;
}
EOCP
if $cc
-c $ccflags try.c >/dev/null 2>&1 ; then
val="$define"
echo "Yup, it does."
else
val="$undef"
echo "Nope, it doesn't."
fi
set d_volatile
eval $setvar
$rm_try

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_volatile.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: byteorder.U,v 3.0.1.2 1997/02/28 15:24:55 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: byteorder.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:24:55 ram
?RCS: patch61: no longer ask the user if the test runs ok
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:02:58 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:28 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:byteorder: cat Myread Oldconfig Loc Compile rm_try run \
multiarch uvtype uvsize i_stdlib
?MAKE: -pick add $@ %<
?S:byteorder:
?S: This
variable holds the byte order in a UV. In the following,
?S: larger digits indicate more significance. The variable byteorder
?S: is either 4321 on a big-endian machine, or 1234 on a little-endian,
?S: or 87654321 on a Cray ... or 3412 with weird order !
?S:.
?C:BYTEORDER:
?C: This symbol holds the hexadecimal constant defined in byteorder,
?C: in a UV, i.e. 0x1234 or 0x4321 or 0x12345678, etc...
?C: If the compiler supports cross-compiling or multiple-architecture
?C: binaries, use compiler-defined macros to
?C: determine the byte order.
?C:.
?H:%<:#if defined(MULTIARCH)
?H:%<:# ifdef __LITTLE_ENDIAN__
?H:%<:# if LONGSIZE == 4
?H:%<:# define BYTEORDER 0x1234
?H:%<:# else
?H:%<:# if LONGSIZE == 8
```

```

?H:?%<:#    define BYTEORDER 0x12345678
?H:?%<:#    endif
?H:?%<:#    endif
?H:?%<:#    else
?H:?%<:#    ifdef __BIG_ENDIAN__
?H:?%<:#    if LONGSIZE == 4
?H:?%<:#    define BYTEORDER 0x4321
?H:?%<:#    else
?H:?%<:#    if LONGSIZE
== 8
?H:?%<:#    define BYTEORDER 0x87654321
?H:?%<:#    endif
?H:?%<:#    endif
?H:?%<:#    endif
?H:?%<:#    endif
?H:?%<:#else
?H:?%<:#define BYTEORDER 0x$byteorder /* large digits for MSB */
?H:?%<:#endif
?H:.
?T:xxx_prompt
?F:!try
: check for ordering of bytes in a UV
echo " "
case "$multiarch" in
*$define*)
$cat <<EOM
You seem to be doing a multiarchitecture build,
skipping the byteorder check.

```

EOM

```

byteorder='ffff'
;;
*)
case "$byteorder" in
")
$cat <<'EOM'

```

In the following, larger digits indicate more significance. A big-endian machine like a Pyramid or a Motorola 680?0 chip will come out to 4321. A little-endian machine like a Vax or an Intel 80?86 chip would be 1234. Other machines may have weird orders like 3412. A Cray will report 87654321, an Alpha will report 12345678. If the test program works the default is probably right.

I'm now running the test program...

EOM

```

$cat >try.c <<EOCP
#include <stdio.h>
#i_stdlib I_STDLIB
#ifdef I_STDLIB

```



```

#include <stdlib.h>
#endif
#include
<sys/types.h>
typedef $uvtype UV;
int main()
{
int i;
union {
UV l;
char c[$uvsize];
} u;

if ($uvsize > 4)
u.l = (((UV)0x08070605) << 32) | (UV)0x04030201;
else
u.l = (UV)0x04030201;
for (i = 0; i < $uvsize; i++)
printf("%c", u.c[i]+'0');
printf("\n");
exit(0);
}
EOCP
xxx_prompt=y
set try
if eval $compile && $run ./try > /dev/null; then
dflt=`$run ./try`
case "$dflt" in
[1-4][1-4][1-4][1-4]|12345678|87654321)
echo "(The test program ran ok.)"
echo "byteorder=$dflt"
xxx_prompt=n
;;
????????????) echo "(The test program ran ok.)" ;;
*) echo "(The test program didn't run right for some reason.)" ;;
esac
else
dflt='4321'
cat <<'EOM'
(I can't seem to compile the test program. Guessing big-endian...)
EOM
fi
case "$xxx_prompt" in
y)
rp="What is the order of bytes in $uvtype?"
./myread
byteorder="$ans"
;;

```

```
*) byteorder=$dflt
;;
esac
;;
esac
$rm_try
;;
esac
```

Found in path(s):

*

/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/byteorder.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:usefaststdio: Myread Oldconfig Setvar rsrc

?MAKE: -pick add \$@ %<

?Y:TOP

?S:usefaststdio:

?S: This variable conditionally defines the USE_FAST_STDIO symbol,

?S: and indicates that Perl should be built to use 'fast stdio'.

?S: Defaults to define in Perls 5.8 and earlier, to undef later.

?S:.

?C:USE_FAST_STDIO:

?C: This symbol, if defined, indicates that Perl should

?C: be built to use 'fast stdio'.

?C: Defaults to define in Perls 5.8 and earlier, to undef later.

?C:.

?H:?%<:#ifndef USE_FAST_STDIO

?H:?%<:#\$usefaststdio USE_FAST_STDIO /**/

?H:?%<:#endif

?H:.

?T:xversion

?LINT:set usefaststdio

: Check if faststdio is requested and available

case "\$usefaststdio" in

\$define|true|[yY]*|")

xversion=`awk

'/define[]+PERL_VERSION/ {print \$3}' \$src/patchlevel.h`

case "\$xversion" in

[68]) dflt='y' ;;

```

*) dflt='n' ;;
esac
;;
*) dflt='n';;
esac
cat <<EOM

```

Perl can be built to use 'fast stdio', which means using the stdio library but also directly manipulating the stdio buffers to enable faster I/O. Using stdio is better for backward compatibility (especially for Perl extensions), but on the other hand since Perl 5.8 the 'perlio' interface has been preferred instead of stdio.

If this doesn't make any sense to you, just accept the default '\$dflt'.

EOM

```

rp="Use the "fast stdio" if available?"
./myread
case "$ans" in
y|Y) val="$define" ;;
*)   val="$undef" ;;
esac
set usefaststdio
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usefaststdio.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2005, H.Merijn Brand

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_malloc_size d_malloc_good_size: Inlibc

?MAKE: -pick add \$@ %<

?S:d_malloc_size:

?S: This symbol, if defined, indicates that the malloc_size

?S: routine is available for use.

?S:.

?S:d_malloc_good_size:

?S: This symbol, if defined, indicates that the malloc_good_size

?S: routine is available for use.

?S:
?C:HAS_MALLOC_SIZE:
?C: This symbol, if defined, indicates that the malloc_size
?C: routine is available for use.
?C:.
?H:#\$d_malloc_size HAS_MALLOC_SIZE /**/
?H:

?C:HAS_MALLOC_GOOD_SIZE:
?C: This symbol, if defined,
indicates that the malloc_good_size
?C: routine is available for use.
?C:.
?H:#\$d_malloc_good_size HAS_MALLOC_GOOD_SIZE /**/
?H:
?LINT:set d_malloc_size
?LINT:set d_malloc_good_size
: see if malloc_size exists
set malloc_size d_malloc_size
eval \$inlibc

: see if malloc_size_good exists
set malloc_good_size d_malloc_good_size
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_malloc_size.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_rename.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_rename.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:54 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_rename: Inlibc
?MAKE: -pick add \$@ %<
?S:d_rename:
?S: This variable conditionally defines the HAS_RENAME symbol, which
?S: indicates to the C program that the rename() routine is available

?S: to rename files.

?S:.

?C:HAS_RENAME (RENAME):

?C: This symbol, if defined, indicates that the rename routine is available

?C: to rename files.

Otherwise you should do the unlink(), link(), unlink()

?C: trick.

?C:.

?H:#\$d_rename HAS_RENAME /**/

?H:.

?LINT:set d_rename

: see if rename exists

set rename d_rename

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_rename.U

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?RCS: \$Id\$

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?RCS:

?RCS: \$Log: perlpath.U,v \$

?RCS: Revision 3.0.1.2 1995/09/25 09:17:04 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.1 1995/01/11 15:33:53 ram

?RCS: patch45: can now use Loc variables since path stripping is deferred

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:32 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: The purpose of this unit is to locate perl good enough to construct a #!

?X:

?MAKE:perlpath: Getfile Oldconfig Loc perl

?MAKE: -pick

add \$@ %<

?Y:TOP

?S:perlpath:

?S: This variable contains the eventual value of the PERLPATH symbol,

?S: which contains the absolute location of the perl interpreter.

?S:.

?C:PERLPATH:

?C: This symbol contains the absolute location of the perl interpreter.

?C:.

?H:#define PERLPATH "\$perlpath" /**/

?H:.

: determine perl absolute location

case "\$perlpath" in

")

if test -f /usr/bin/perl; then

 dflt=/usr/bin/perl

else

 case "\$perl" in

 /) dflt="\$perl";;

 *) dflt=/usr/bin/perl;;

 esac

fi

::

*) dflt="\$perlpath"

::

esac

echo " "

fn=f~/

rp="Where is perl located on your system?"

./getfile

perlpath="\$ans"

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/perlpath.U

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?RCS: \$Id: i_systems.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

?RCS: \$Log: i_systems.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:39 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i_systimes: Inhdr
?MAKE: -pick add \$@ %<
?S:i_systimes:
?S: This variable conditionally defines the I_SYS_TIMES symbol, and indicates
?S: whether a C program should include <sys/times.h>.
?S:.
?C:I_SYS_TIMES (I_SYSTIMES):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/times.h>.
?C:.
?H:#\$i_systimes I_SYS_TIMES /**/
?H:.
?LINT:set
i_systimes
: see if this is a sys/times.h system
set sys/times.h i_systimes
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_systimes.U

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?RCS: \$Id: d_getprotobyname_r.U,v 0RCS:
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?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getprotobyname_r getprotobyname_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C
?MAKE: -pick add \$@ %<
?S:d_getprotobyname_r:
?S: This variable conditionally defines the HAS_GETPROTOBYNAME_R symbol,
?S: which indicates to the C program that the getprotobyname_r()
?S: routine is available.
?S:.
?S:getprotobyname_r_proto:
?S: This variable encodes the prototype of getprotobyname_r.
?S: It is zero if d_getprotobyname_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotobyname_r
?S: is defined.
?S:.
?C:HAS_GETPROTOBYNAME_R:
?C: This symbol, if

```

defined, indicates that the getprotobyname_r routine
?C: is available to getprotobyname re-entrantly.
?C:.
?C:GETPROTOBYNAME_R_PROTO:
?C: This symbol encodes the prototype of getprotobyname_r.
?C: It is zero if d_getprotobyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotobyname_r
?C: is defined.
?C:.
?H:#$d_getprotobyname_r HAS_GETPROTOBYNAME_R /**/
?H:#define GETPROTOBYNAME_R_PROTO $getprotobyname_r_proto /**/
?H:.
?T:try hdrs d_getprotobyname_r_proto
: see if getprotobyname_r exists
set getprotobyname_r d_getprotobyname_r
eval $inlibc
case "$d_getprotobyname_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getprotobyname_r_proto:$usethreads" in
":define") d_getprotobyname_r_proto=define
set d_getprotobyname_r_proto getprotobyname_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getprotobyname_r_proto" in
define)
case "$getprotobyname_r_proto" in
"|0) try='int getprotobyname_r(const char*, struct
protoent*, char*, size_t, struct protoent**);'
./protochk "$$extern_C $try" $hdrs && getprotobyname_r_proto=I_CSBWR ;;
esac
case "$getprotobyname_r_proto" in
"|0) try='struct protoent* getprotobyname_r(const char*, struct protoent*, char*, int);'
./protochk "$$extern_C $try" $hdrs && getprotobyname_r_proto=S_CSBI ;;
esac
case "$getprotobyname_r_proto" in
"|0) try='int getprotobyname_r(const char*, struct protoent*, struct protoent_data*);'
./protochk "$$extern_C $try" $hdrs && getprotobyname_r_proto=I_CSD ;;
esac
case "$getprotobyname_r_proto" in
"|0) d_getprotobyname_r=undef
getprotobyname_r_proto=0
echo "Disabling getprotobyname_r, cannot determine prototype." >&4 ;;
* ) case "$getprotobyname_r_proto" in
REENTRANT_PROTO*) ;;
*) getprotobyname_r_proto="REENTRANT_PROTO_$getprotobyname_r_proto" ;;
esac

```



```

echo "Prototype: $try" ;;
esac
;;
*) case "$susetthreads" in
define) echo "getprotobyname_r has no prototype, not using it." >&4 ;;
esac
d_getprotobyname_r=undef
getprotobyname_r_proto=0
;;
esac
;;
*) getprotobyname_r_proto=0
;;
esac

```

Found

in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getprotobyname_r.U

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?RCS:

?RCS: \$Log: d_flexfnam.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:04 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_flexfnam: cat rm test Setvar

?MAKE: -pick add \$@ %<

?S:d_flexfnam:

?S: This variable conditionally defines the FLEXFILENAMES symbol, which

?S: indicates that the system supports filenames longer than 14 characters.

?S:.

?C:FLEXFILENAMES:

?C: This symbol, if defined, indicates that the system supports filenames

?C: longer than 14 characters.

?C:.

?H:#\$d_flexfnam FLEXFILENAMES /**/

?H:.

?T:first

```

second
?LINT:set d_flexfnam
: see if we can have long filenames
echo " "
?X:
?X: We have to test in both /tmp and . because of NFS (remote server may allow
?X: long filenames while the local filesystem cannot support them). If at least
?X: one of those file systems cannot support long filenames, then we assume the
?X: whole system can't.
?X:
rmlist="$rmlist /tmp/cf$$"
$test -d /tmp/cf$$ || mkdir /tmp/cf$$
first=123456789abcdef
second=/tmp/cf$$/$first
$rm -f $first $second
if (echo hi >$first) 2>/dev/null; then
if $test -f 123456789abcde; then
echo 'You cannot have filenames longer than 14 characters. Sigh.' >&4
val="$undef"
else
if (echo hi >$second) 2>/dev/null; then
if $test -f /tmp/cf$$/123456789abcde; then
$cat <<'EOM'

```

That's peculiar... You can have filenames longer than 14 characters, but only on some of the filesystems. Maybe you are using NFS. Anyway, to avoid problems I shall consider your system cannot support long filenames at all.

```

EOM
val="$undef"
else
echo
'You can have filenames longer than 14 characters.' >&4
val="$define"
fi
else
$cat <<'EOM'

```

How confusing! Some of your filesystems are sane enough to allow filenames longer than 14 characters but some others like /tmp can't even think about them. So, for now on, I shall assume your kernel does not allow them at all.

```

EOM
val="$undef"
fi
fi
else
$cat <<'EOM'
You can't have filenames longer than 14 chars. You can't even think about them!
EOM
val="$undef"
fi

```

```
set d_flexfnam
eval $setvar
$rm -rf /tmp/cf$$ 123456789abcde*
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_flexfnam.U
```

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?RCS: \$Id: i_sysstatfs.U,v \$

?RCS:

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?RCS:

?MAKE:i_sysstatfs: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_sysstatfs:

?S: This variable conditionally defines the I_SYSSTATFS symbol,

?S: and indicates whether a C program should include <sys/statfs.h>.

?S:.

?C:I_SYS_STATFS:

?C: This symbol, if defined, indicates that <sys/statfs.h> exists.

?C:.

?H:#\$i_sysstatfs I_SYS_STATFS /**/

?H:.

?LINT:set i_sysstatfs

: see if this is a sys/statfs.h system

set sys/statfs.h i_sysstatfs

eval \$inhdr

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysstatfs.U
```

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?RCS:

?MAKE:d_cplusplus: Compile Setvar run cat rm_try

?MAKE: -pick add \$@ %<

?S:d_cplusplus (d_cplusplus.U):

?S: This variable conditionally defines the USE_CPLUSPLUS symbol, which

?S: indicates that a C++ compiler was used to compiled Perl and will be

?S: used to compile extensions.

?S:
?C:USE_CPLUSPLUS:
?C: This symbol, if defined, indicates that a C++ compiler was
?C: used to compiled Perl and will be used to compile extensions.
?C:.

?H:#\$d_cplusplus USE_CPLUSPLUS /**/

?H:.

?F:!try

?LINT:set d_cplusplus

: Check if we are using C++

echo " "

echo "Checking for C++...">&4

\$cat >try.c <<'EOCP'

#include <stdio.h>

int main(void)

{

#ifdef __cplusplus

return 0;

#else

return 1;

#endif

}

EOCP

set try

if eval \$compile_ok

&& \$run ./try; then

val="\$define"

echo "You are using a C++ compiler."

else

val="\$undef"

echo "You are not using a C++ compiler."

fi

\$rm_try cplusplus\$\$

set d_cplusplus

eval \$setvar

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_cplusplus.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_setpwent_r.U,v 0RCS:

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?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

```

?RCS:
?MAKE:d_setpwent_r setpwent_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_pwd extern_C
?MAKE: -pick add $@ %<
?S:d_setpwent_r:
?S: This variable conditionally defines the HAS_SETPWENT_R symbol,
?S: which indicates to the C program that the setpwent_r()
?S: routine is available.
?S:.
?S:setpwent_r_proto:
?S: This variable encodes the prototype of setpwent_r.
?S: It is zero if d_setpwent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setpwent_r
?S: is defined.
?S:.
?C:HAS_SETPWENT_R:
?C: This symbol, if defined, indicates that the setpwent_r routine
?C: is available to
  setpwent re-entrantly.
?C:.
?C:SETPWENT_R_PROTO:
?C: This symbol encodes the prototype of setpwent_r.
?C: It is zero if d_setpwent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setpwent_r
?C: is defined.
?C:.
?H:#$d_setpwent_r HAS_SETPWENT_R /**/
?H:#define SETPWENT_R_PROTO $setpwent_r_proto /**/
?H:.
?T:try hdrs d_setpwent_r_proto
: see if setpwent_r exists
set setpwent_r d_setpwent_r
eval $inlibc
case "$d_setpwent_r" in
"$define")
  hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
  case "$d_setpwent_r_proto:$usethreads" in
  ":define") d_setpwent_r_proto=define
    set d_setpwent_r_proto setpwent_r $hdrs
    eval $hasproto ;;
  *) ;;
  esac
  case "$d_setpwent_r_proto" in
  define)
    case "$setpwent_r_proto" in
    "|0) try='int setpwent_r(FILE**);'
./protochk "$extern_C $try" $hdrs && setpwent_r_proto=I_H ;;
  esac

```

```

case "$setpwent_r_proto" in
"|0) try='void setpwent_r(FILE**);'
./protochk "$xtern_C $try" $hdrs && setpwent_r_proto=V_H ;;
esac
case "$setpwent_r_proto"
in
"|0) d_setpwent_r=undef
setpwent_r_proto=0
echo "Disabling setpwent_r, cannot determine prototype." >&4 ;;
*) case "$setpwent_r_proto" in
REENTRANT_PROTO*) ;;
*) setpwent_r_proto="REENTRANT_PROTO_${setpwent_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "setpwent_r has no prototype, not using it." >&4 ;;
esac
d_setpwent_r=undef
setpwent_r_proto=0
;;
esac
;;
*) setpwent_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setpwent_r.U

```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_fd_set.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:33:16 ram

?RCS: patch61: added ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.2 1994/06/20 06:57:23 ram

?RCS: patch30: extended scope for fd_set checks (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/01/24 14:06:27 ram

?RCS: patch16: comments for HAS_FD_* symbols were not consistent

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:02 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_fd_set d_fd_macros d_fds_bits: cat +cc +ccflags rm Oldconfig
 \
 d_socket i_systime i_sysselect i_syssock

?MAKE: -pick add \$@ %<

?S:d_fd_set:

?S: This variable contains the eventual value of the HAS_FD_SET symbol,
 ?S: which indicates if your C compiler knows about the fd_set typedef.

?S:.

?S:d_fd_macros:

?S: This variable contains the eventual value of the HAS_FD_MACROS symbol,
 ?S: which indicates if your C compiler knows about the macros which
 ?S: manipulate an fd_set.

?S:.

?S:d_fds_bits:

?S: This variable contains the eventual value of the HAS_FDS_BITS symbol,
 ?S: which indicates if your fd_set typedef contains the fds_bits member.
 ?S: If you have an fd_set typedef, but the dweebs who installed it did
 ?S: a half-fast job and neglected to provide the macros to manipulate
 ?S: an fd_set, HAS_FDS_BITS will let us know how to fix the gaffe.

?S:.

?C:HAS_FD_SET:

?C: This symbol, when defined, indicates presence of the fd_set typedef
 ?C: in <sys/types.h>

?C:.

?C:HAS_FD_MACROS:

?C: This symbol, when defined, indicates presence of the macros used
 to
 ?C: manipulate an fd_set.

?C:.

?C:HAS_FDS_BITS:

?C: This symbol, when defined, indicates presence of the fds_bits member in
 ?C: fd_set. This knowledge is useful if fd_set is available but the macros
 ?C: aren't.

?C:.

?H:#\$d_fd_set HAS_FD_SET /**/
 ?H:#\$d_fd_macros HAS_FD_MACROS /**/
 ?H:#\$d_fds_bits HAS_FDS_BITS /**/
 ?H:.

?F:!fd_set
 : check for fd_set items

\$cat <<EOM

Checking to see how well your C compiler handles fd_set and friends ...

EOM

?X: The FD_SET macros can be in strange places. On some SysV-based

?X: systems, they are in <sys/bsdtypes.h>, which is included (perhaps)

?X: by <sys/socket.h>. We won't force people to include

?X: <sys/bsdtypes.h> because it might introduce other

?X: incompatibilities.

\$cat >fd_set.c <<EOCP

```
#$i_systime I_SYS_TIME
```

```
#$i_sysselect I_SYS_SELECT
```

```
#$d_socket HAS_SOCKET
```

```
#$i_syssock I_SYS_SOCKET
```

```
#include <sys/types.h>
```

```
#ifdef HAS_SOCKET
```

```
#ifdef I_SYS_SOCKET
```

```
#include <sys/socket.h> /* Might include <sys/bsdtypes.h> */
```

```
#endif
```

```
#endif
```

```
#ifdef I_SYS_TIME
```

```
#include
```

```
<sys/time.h>
```

```
#endif
```

```
#ifdef I_SYS_SELECT
```

```
#include <sys/select.h>
```

```
#endif
```

```
int main() {
```

```
    fd_set fds;
```

```
#ifdef TRYBITS
```

```
    if(fds.fds_bits);
```

```
#endif
```

```
#if defined(FD_SET) && defined(FD_CLR) && defined(FD_ISSET) && defined(FD_ZERO)
```

```
    exit(0);
```

```
#else
```

```
    exit(1);
```

```
#endif
```

```
}
```

EOCP

```
if $cc $ccflags -DTRYBITS -o fd_set fd_set.c >fd_set.out 2>&1 ; then
```

```
    d_fds_bits="$define"
```

```
    d_fd_set="$define"
```

```
    echo "Well, your system knows about the normal fd_set typedef..." >&4
```

```
    if ./fd_set; then
```

```
        echo "and you have the normal fd_set macros (just as I'd expect)." >&4
```

```
        d_fd_macros="$define"
```



```

else
$cat >&4 <<'EOM'
but not the normal fd_set macros! Gaaack! I'll have to cover for you.
EOM
d_fd_macros="$undef"
fi
else
$cat <<'EOM'
Hmm, your compiler has some difficulty with fd_set. Checking further...
EOM
if $cc $cflags -o fd_set fd_set.c >fd_set.out 2>&1 ; then
d_fds_bits="$undef"
d_fd_set="$define"
echo "Well, your system has some sort of fd_set available..." >&4
if ./fd_set; then
echo "and you have the
normal fd_set macros." >&4
d_fd_macros="$define"
else
$cat <<'EOM'
but not the normal fd_set macros! Gross! More work for me...
EOM
d_fd_macros="$undef"
fi
else
echo "Well, you got zip. That's OK, I can roll my own fd_set stuff." >&4
d_fd_set="$undef"
d_fds_bits="$undef"
d_fd_macros="$undef"
fi
fi
$rm -f fd_set*

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fd_set.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_strftime.U,v \$
?RCS: Revision 3.0 1993/08/18 12:07:36 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_strftime: Inlibc
?MAKE: -pick add \$@ %<
?S:d_strftime:
?S: This variable conditionally defines HAS_STRFTIME if strftime() is
?S: available to format locale-specific times.
?S:.
?C:HAS_STRFTIME:
?C: This symbol, if defined, indicates that the strftime routine is
?C: available to format locale-specific times.
?C:.
?H:#\$d_strftime HAS_STRFTIME /**/
?H:.
?LINT:set d_strftime
: see
if strftime exists
set strftime d_strftime
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strftime.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_int64_t: Inhdr cat rm_try Setvar Compile i_inttypes
?MAKE: -pick add \$@ %<
?S:d_int64_t:
?S: This symbol will be defined if the C compiler supports int64_t.
?S:.
?C:HAS_INT64_T:
?C: This symbol will defined if the C compiler supports int64_t.
?C: Usually the <inttypes.h> needs to be included, but sometimes
?C: <sys/types.h> is enough.
?C:.
?H:#\$d_int64_t HAS_INT64_T /**/

```

?H:
?LINT:set d_int64_t
: check for int64_t
echo " "
echo "Checking to see if you have int64_t..." >&4
$cat >try.c <<EOCP
#include
<sys/types.h>
#$i_inttypes I_INTTYPES
#ifdef I_INTTYPES
#include <inttypes.h>
#endif
int main() { int64_t x = 7; }
EOCP
set try
if eval $compile; then
val="$define"
echo "You have int64_t."
else
val="$undef"
echo "You do not have int64_t."
fi
$rm_try
set d_int64_t
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_int64_t.U

```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_lrint: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lrint:

?S: This variable conditionally defines the HAS_LRINT symbol, which

?S: indicates to the C program that the lrint() routine is available

?S: to return the integral value closest to a double (according

?S: to the current rounding mode).

?S:.

?C:HAS_LRINT:

?C: This symbol, if defined, indicates that the lrint routine is

?C: available to return the integral value closest to a double

?C: (according to the current rounding mode).

?C:.

?H:#\$d_lrint HAS_LRINT /**/

```
?H:
?LINT:set d_lrint
: see if lrint exists
set lrint d_lrint
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lrint.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 2014-2014, Karl Williamson & H.Merijn Brand
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?MAKE:d_wscmp: Compile cat rm_try run Oldconfig Setvar
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_wscmp:
```

```
?S: This variable conditionally defines the HAS_WCSCMP symbol if the
```

```
?S: wscmp() routine is available and can be used to compare wide
```

```
?S: character strings.
```

```
?S:.
```

```
?C:HAS_WCSCMP:
```

```
?C: This symbol, if defined, indicates that the wscmp routine is
```

```
?C: available to compare two wide character strings.
```

```
?C:.
```

```
?H:#$d_wscmp HAS_WCSCMP /**/
```

```
?H:.
```

```
?F:!try
```

```
?LINT: set d_wscmp
```

```
: look for wscmp
```

```
echo " "
```

```
$cat >try.c <<'EOCP'
```

```
#include <stdio.h>
```

```
#include
```

```
<wchar.h>
```

```
int main ()
```

```
{
```

```
    wchar_t *s = L " ";
```

```
    return (wscmp (s, s) ? 1 : 0);
```

```
}
```

```
EOCP
```

```
set try
```

```
?X: if $cc $ccflags $ldflags -o try try.c $libs >/dev/null 2>&1 ; then
```

```

val="$undef"
if eval $compile; then
  ` $run ./try `
  case "$?" in
  0) echo "A working wcsncmp() found." >&4
    val="$define" ;;
  *) echo "wcsncmp() found, but it doesn't work" >&4
    ;;
  esac
else
  echo "wcsncmp() NOT found." >&4
fi
set d_wcsncmp
eval $setvar
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_wcsncmp.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2008 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:sGMTIME_max sGMTIME_min sLOCALTIME_max sLOCALTIME_min: cat rm_try \

Setvar Compile run

?MAKE: -pick add \$@ %<

?S:sGMTIME_max:

?S: This variable defines the maximum value of the time_t offset that

?S: the system function gmtime () accepts

?S:.

?S:sGMTIME_min:

?S: This variable defines the minimum value of the time_t offset that

?S: the system function gmtime () accepts

?S:.

?S:sLOCALTIME_max:

?S: This variable defines the maximum value of the time_t offset that

?S: the system function localtime () accepts

?S:.

?S:sLOCALTIME_min:

?S: This variable defines the minimum value of the time_t offset that

?S: the system function localtime () accepts

?S:.

?C:GMTIME_MAX:

```

?C: This symbol contains the maximum value
for the time_t offset that
?C: the system function gmtime () accepts, and defaults to 0
?C:.
?C:GMTIME_MIN:
?C: This symbol contains the minimum value for the time_t offset that
?C: the system function gmtime () accepts, and defaults to 0
?C:.
?C:LOCALTIME_MAX:
?C: This symbol contains the maximum value for the time_t offset that
?C: the system function localtime () accepts, and defaults to 0
?C:.
?C:LOCALTIME_MIN:
?C: This symbol contains the minimum value for the time_t offset that
?C: the system function localtime () accepts, and defaults to 0
?C:.
?H:#define GMTIME_MAX $sGMTIME_max /**/
?H:#define GMTIME_MIN $sGMTIME_min /**/
?H:#define LOCALTIME_MAX $sLOCALTIME_max /**/
?H:#define LOCALTIME_MIN $sLOCALTIME_min /**/
?H:.
?D:sGMTIME_max=0
?D:sGMTIME_min=0
?D:sLOCALTIME_max=0
?D:sLOCALTIME_min=0
?F:!try
: Check the max offset that gmtime and localtime accept
echo "Checking max offsets that gmtime () accepts"

```

```

case "$sGMTIME_min/$sGMTIME_max" in
  0/0|/)
    $cat >try.c <<EOCP
#include
<sys/types.h>
#include <stdio.h>
#include <time.h>

int i;
struct tm *tmp;
time_t pt;

void gm_check (time_t t, int min_year, int max_year)
{
  tmp = gmtime (&t);
  if ( tmp == NULL ||
/* Check tm_year overflow */
  tmp->tm_year < min_year || tmp->tm_year > max_year)
    tmp = NULL;

```

```

else
pt = t;
} /* gm_check */

int check_max ()
{
    tmp = NULL;
    pt = 0;
#ifdef MAXLONG
    gm_check (MAXLONG, 69, 0x7fffffff);
#endif
    if (tmp == NULL || tmp->tm_year < 0) {
    for (i = 63; i >= 0; i--) {
        time_t x = pt | ((time_t)1 << i);
        if (x < 0 || x < pt) continue;
        gm_check (x, 69, 0x7fffffff);
    }
    }
    printf ("sGMTIME_max=%ld\n", pt);
    return (0);
} /* check_max */

int check_min ()
{
    tmp = NULL;
    pt = 0;
#ifdef MINLONG
    gm_check (MINLONG, -1900, 70);
#endif
    if (tmp == NULL) {
    for (i = 36; i >= 0; i--) {
        time_t x = pt - ((time_t)1 << i);
        if (x > 0) continue;
        gm_check (x, -1900, 70);
    }
    }
    printf ("sGMTIME_min=%ld\n",
pt);
    return (0);
} /* check_min */

int main (int argc, char *argv[])
{
    /* fprintf (stderr, "Sizeof time_t = %ld\n", sizeof (time_t)); */
    check_max ();
    check_min ();
    return (0);
} /* main */

```

```

EOCP
set try
if eval $compile; then
    eval `$run ./try 2>/dev/null`
else
    echo "Cannot determine sGMTIME_max and sGMTIME_min." >&4
fi
$rm_try
;;
esac

```

```

echo "Checking max offsets that localtime () accepts"

```

```

case "$sLOCALTIME_min/$sLOCALTIME_max" in
    0/0|/)
        $cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
#include <time.h>

int i;
struct tm *tmp;
time_t pt;

void local_check (time_t t, int min_year, int max_year)
{
    if (sizeof (time_t) > 4 && t > 0x7fffffffff000LL)
        tmp = NULL;
    else
        tmp = localtime (&t);
    if ( tmp == NULL ||
/* Check tm_year overflow */
        tmp->tm_year < min_year || tmp->tm_year > max_year)
        tmp = NULL;
    else
        pt = t;
    } /* local_check */

int check_max ()
{
    tmp = NULL;
    pt = 0;
#ifdef
    MAXLONG
        local_check (MAXLONG, 69, 0x7ffffff);
#endif
    if (tmp == NULL || tmp->tm_year < 0) {
    for (i = 63; i >= 0; i--) {

```



```

    time_t x = pt | ((time_t)1 << i);
    if (x < 0 || x < pt) continue;
    local_check (x, 69, 0x7fffffff);
}
}
printf ("sLOCALTIME_max=%ld\n", pt);
return (0);
} /* check_max */

```

```

int check_min ()
{
    tmp = NULL;
    pt = 0;
#ifdef MINLONG
    local_check (MINLONG, -1900, 70);
#endif
    if (tmp == NULL) {
    for (i = 36; i >= 0; i--) {
        time_t x = pt - ((time_t)1 << i);
        if (x > 0) continue;
        local_check (x, -1900, 70);
    }
}
printf ("sLOCALTIME_min=%ld\n", pt);
return (0);
} /* check_min */

```

```

int main (int argc, char *argv[])
{
    check_max ();
    check_min ();
    return (0);
} /* main */

```

EOCP

```

set try
if eval $compile; then
    eval ` $run ./try 2>/dev/null `
else
    echo "Cannot determine sLOCALTIME_max and sLOCALTIME_min." >&4
fi
$rm_try
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/time_size.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_semget.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_semget.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:05 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_semget: Inlibc
?MAKE: -pick add $@ %<
?S:d_semget:
?S: This variable conditionally defines the HAS_SEMGET symbol, which
?S: indicates to the C program that the semget() routine is available.
?S:.
?C:HAS_SEMGET:
?C: This symbol, if defined, indicates that the semget() routine is
?C: available to get a set of semaphores.
?C:.
?H:#$d_semget
HAS_SEMGET /**/
?H:.
?LINT:set d_semget
: see if semget exists
set semget d_semget
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_semget.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000, Jarkko Hietaniemi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
```

```

?RCS:
?MAKE:Devel usedevel: Myread rsrc package
?MAKE: -pick wipe $@ %<
?T:xversion
?X: waiver of rights
?S:usedevel:
?S: This variable indicates that Perl was configured with development
?S: features enabled. This should not be done for production builds.
?S:.
?C:PERL_USE_DEVEL:
?C: This symbol, if defined, indicates that Perl was configured with
?C: -Dusedevel, to enable development features. This should not be
?C: done for production builds.
?C:.
?H:#$usedevel PERL_USE_DEVEL /**/
?H:.
?LINT:extern versiononly
?LINT:extern
installusrbinperl
?LINT:change versiononly
?LINT:change installusrbinperl
: See if we are using a devel version and want that
xversion=`awk '/define[ ]+PERL_VERSION/ {print $3}' $src/patchlevel.h`
case "$usedevel" in
$define|true|[yY]*)
    usedevel="$define" ;;
*) case "$xversion" in
    *[13579])
cat >&4 <<EOH
*** WHOA THERE!!! ***

```

This is an UNSTABLE DEVELOPMENT release.
The version of this \$package distribution is \$xversion, that is, odd,
(as opposed to even) and that signifies a development release.
If you want a maintenance release, you want an even-numbered version.

Do *****NOT***** install this into production use.
Data corruption and crashes are possible.

It is most seriously suggested that you do not continue any further
unless you want to help in developing and debugging Perl.

If you **still** want to build perl, you can answer 'y' now,
or pass -Dusedevel to Configure.

```

EOH
rp='Do you really want to continue?'
dflt='n'

```

```

./myread
case
"$ans" in
[yY]) echo >&4 "Okay, continuing."
    usedevel="$define" ;;
*) echo >&4 "Okay, bye."
    exit 1
    ;;
esac
;;
esac
usedevel="$undef"
;;
esac
case "$usedevel" in
$define|true|[yY]*)
case "$versiononly" in
") versiononly="$define" ;;
esac
case "$installusrbinperl" in
") installusrbinperl="$undef" ;;
esac
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Devel.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getnetent_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_getnetent_r getnetent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_getnetent_r:

?S: This variable conditionally defines the HAS_GETNETENT_R symbol,

?S: which indicates to the C program that the getnetent_r()

?S: routine is available.

?S:.

?S:getnetent_r_proto:

?S: This variable encodes the prototype of getnetent_r.

?S: It is zero if d_getnetent_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetent_r

?S: is defined.

?S:.

?C:HAS_GETNETENT_R:

?C: This symbol, if defined, indicates that the getnetent_r routine

?C: is

available to getnetent re-entrantly.

?C:.

?C:GETNETENT_R_PROTO:

?C: This symbol encodes the prototype of getnetent_r.

?C: It is zero if d_getnetent_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetent_r

?C: is defined.

?C:.

?H:#\$d_getnetent_r HAS_GETNETENT_R /**/

?H:#define GETNETENT_R_PROTO \$getnetent_r_proto /**/

?H:.

?T:try hdrs d_getnetent_r_proto

: see if getnetent_r exists

```
set getnetent_r d_getnetent_r
eval $inlibc
case "$d_getnetent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getnetent_r_proto:$susetthreads" in
":define") d_getnetent_r_proto=define
set d_getnetent_r_proto getnetent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getnetent_r_proto" in
define)
case "$getnetent_r_proto" in
"|0) try='int getnetent_r(struct netent*, char*, size_t, struct netent**, int*);'
./protochk "$extern_C $try" $hdrs && getnetent_r_proto=I_SBWRE ;;
esac
case "$getnetent_r_proto" in
"|0) try='int getnetent_r(struct
netent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && getnetent_r_proto=I_SBIE ;;
esac
case "$getnetent_r_proto" in
"|0) try='struct netent* getnetent_r(struct netent*, char*, int, int*);'
./protochk "$extern_C $try" $hdrs && getnetent_r_proto=S_SBIE ;;
esac
case "$getnetent_r_proto" in
"|0) try='struct netent* getnetent_r(struct netent*, char*, int);'
```

```

./prochck "$extern_C $try" $hdrs && getnetent_r_proto=S_SBI ;;
esac
case "$getnetent_r_proto" in
"|0) try='int getnetent_r(struct netent*, char*, int);'
./prochck "$extern_C $try" $hdrs && getnetent_r_proto=I_SBI ;;
esac
case "$getnetent_r_proto" in
"|0) try='int getnetent_r(struct netent*, struct netent_data*);'
./prochck "$extern_C $try" $hdrs && getnetent_r_proto=I_SD ;;
esac
case "$getnetent_r_proto" in
"|0) d_getnetent_r=undef
getnetent_r_proto=0
echo "Disabling getnetent_r, cannot determine prototype." >&4 ;;
*) case "$getnetent_r_proto" in
REENTRANT_PROTO*) ;;
*) getnetent_r_proto="REENTRANT_PROTO_${getnetent_r_proto}"
;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "getnetent_r has no prototype, not using it." >&4 ;;
esac
d_getnetent_r=undef
getnetent_r_proto=0
;;
esac
;;
*) getnetent_r_proto=0
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getnetent_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

```

?RCS:
?RCS: $Log: d_csh.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:32:18 ram
?RCS: patch61: added full_csh to preserve the full path even when portable
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:53 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_csh full_csh: csh Setvar
?MAKE: -pick add $@ %<
?S:d_csh:
?S: This variable conditionally defines the CSH symbol, which
?S: indicates to the C program that the C-shell exists.
?S:.
?S:full_csh:
?S: This variable contains the full pathname to 'csh', whether
or
?S: not the user has specified 'portability'. This is only used
?S: in the compiled C program, and we assume that all systems which
?S: can share this executable will have the same full pathname to
?S: 'csh.'
?S:.
?X: Yes, I know about the C symbol PORTABLE, but I think csh
?X: is unlikely to move, and I'm too lazy to add all the
?X: #ifdef PORTABLE sections to the perl source.
?X:
?C:HAS_CSH:
?C: This symbol, if defined, indicates that the C-shell exists.
?C:.
?C:CSH:
?C: This symbol, if defined, contains the full pathname of csh.
?C:.
?X: Previously, I just did $d_csh CSH "$full_csh", but that caused
?X: problems on VMS where the config.sh extraction program changes
?X: $undef to a real cpp undef, and they then had #undef CSH ""
?X: which the compiler didn't like. It's easy to work around this,
?X: so I did. --AD 3/1998.
?X: And we don't want to define CSH if !HAS_CSH, but we don't want
?X: those lines in config.h if they don't need CSH, so protect with ?CSH
?X: and not
?%<. --RAM, 15/02/2004
?H:?%<:#$d_csh HAS_CSH /**/
?H:?CSH:#ifdef HAS_CSH
?H:?CSH:#define CSH "$full_csh" /**/
?H:?CSH:#endif
?H:.
?LINT:set d_csh
: get csh whereabouts

```

```

case "$csh" in
'csh') val="$sundef" ;;
*) val="$define" ;;
esac
set d_csh
eval $setvar
: Respect a hint or command line value for full_csh.
case "$full_csh" in
") full_csh=$csh ;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_csh.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: libs.U,v 3.0.1.6 1997/02/28 16:09:11 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: libs.U,v $
?RCS: Revision 3.0.1.6 1997/02/28 16:09:11 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.5 1995/07/25 14:12:05 ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.4 1994/10/29 16:24:22 ram
?RCS: patch36: removed old broken thislib/thatlib processing (ADO)
?RCS:
?RCS: Revision 3.0.1.3 1994/06/20 07:05:44 ram
?RCS: patch30: code cleanup with if/elif by ADO and RAM
?RCS: patch30:
?RCS: undone patch23 for libswanted default setting
?RCS:
?RCS: Revision 3.0.1.2 1994/05/06 15:08:45 ram
?RCS: patch23: now includes ordered default libswanted variable (ADO)
?RCS: patch23: major cleanup for library lookups (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1993/08/25 14:02:31 ram
?RCS: patch6: added default for libs
?RCS:

```


?RCS: Revision 3.0 1993/08/18 12:09:03 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:libs ignore_versioned_solibs libsfound libsfiles libsdirs libspath: \
 test cat Myread Oldconfig Loc libpth package xlibpth so _a \
 usesocks sed uselongdouble usequadmath

?MAKE: -pick add \$@ %<

?S:libs:

?S: This variable holds the additional libraries we want to use.

?S: It is up to the Makefile to deal with it. The list can be empty.

?S:.

?S:libsfound:

?S: This variable holds the full pathnames of the libraries

?S: we found and accepted.

?S:.

?S:libsfiles:

?S: This variable holds the filenames aka basenames of the libraries

?S: we found and accepted.

?S:.

?S:libsdirs:

?S: This
 variable holds the directory names aka dirnames of the libraries

?S: we found and accepted, duplicates are removed.

?S:.

?S:libspath:

?S: This variable holds the directory names probed for libraries.

?S:.

?S:ignore_versioned_solibs:

?S: This variable should be non-empty if non-versioned shared
 ?S: libraries (libfoo.so.x.y) are to be ignored (because they
 ?S: cannot be linked against).

?S:.

?T:xxx yyy thislib thisdir libswanted libstyle

?D:libs="

?X:

?X: This order is chosen so that libraries -lndir, -ldir, -lucb, -lbsd,
 ?X: -lBSD, -lPW, and -lx only get used if there are unresolved
 ?X: routines at link time. Usually, these are backwards compatibility
 ?X: libraries, and may not be as reliable as the standard c library.

?X:

?X: The -lsocket -linet -lnsl order has been reported to be necessary
 ?X: for at least one SVR4 implementation.

?X: -lc must proceed -lucb or -lbsd for most Solaris applications.

?X: -lc_s proceeds -lc so we pick up the shared library version,
 if
 ?X: it is available.

?X:

?X: The ordering of c, posix, and cposix is a guess and almost

```

?X: certainly wrong on about half of all systems.
?X:
?X: Set proper libswanted in your private Myinit.U if needed.
?X:
?X:: default ordered library list
?X:libswanted='net socket inet bind nsl nm sdbm gdbm ndbm dbm malloc dl'
?X:libswanted="$libswanted dld sun m c_s c posix cposix ndir dir ucb"
?X:libswanted="$libswanted bsd BSD PW x"
?X:
?INIT:: default library list
?INIT:libswanted=""
?INIT:: some systems want to use only the non-versioned libso:s
?INIT:ignore_versioned_solibs=""
?LINT:extern usecbacktrace
?LINT:extern libscheck
?LINT:extern p
?LINT:use uselongdouble
: Looking for optional libraries
echo " "
echo "Checking for optional libraries..." >&4
case "$libs" in
'|') dflt="";;
*) dflt="$libs";;
esac
case "$libswanted" in
") libswanted='c_s';;
esac
?X: libsocks has nasty naming scheme.
?X: This does not work if somebody wants SOCKS 4.
case "$usesocks" in
"$define") libswanted="$libswanted
socks5 socks5_sh" ;;
esac
case "$usecbacktrace" in
"$define") libswanted="$libswanted bfd" ;;
esac
case "$usequadmath" in
"$define") libswanted="$libswanted quadmath" ;;
esac
libsfound=""
libsfiles=""
libsdirs=""
libspath=""
for thisdir in $libpth $xlibpth; do
test -d $thisdir && libspath="$libspath $thisdir"
done
for thislib in $libswanted; do
for thisdir in $libspath; do

```

```

xxx="
if $test ! -f "$xxx" -a "X$ignore_versioned_solibs" = "X"; then
xxx=`ls $thisdir/lib$thislib.$so.[0-9] 2>/dev/null|sed -n '$p`
    $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=shared
xxx=`ls $thisdir/lib$thislib.[0-9].$so 2>/dev/null|sed -n '$p`
    $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=shared
fi
if test ! -f "$xxx"; then
xxx=$thisdir/lib$thislib.$so
    $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=shared
fi
if test ! -f "$xxx"; then
xxx=$thisdir/lib$thislib$_a
    $test -f "$xxx"
&& eval $libscheck
$test -f "$xxx" && libstyle=static
fi
if test ! -f "$xxx"; then
xxx=$thisdir/$thislib$_a
    $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=static
fi
if test ! -f "$xxx"; then
xxx=$thisdir/lib${thislib}_s$_a
    $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=static
$test -f "$xxx" && thislib=${thislib}_s
fi
if test ! -f "$xxx"; then
xxx=$thisdir/Slib$thislib$_a
    $test -f "$xxx" && eval $libscheck
$test -f "$xxx" && libstyle=static
fi
if $test -f "$xxx"; then
case "$libstyle" in
shared) echo "Found -l$thislib (shared).";;
static) echo "Found -l$thislib.";;
*)    echo "Found -l$thislib ($libstyle).";;
esac
case " $dflt " in
*"-l$thislib "*);;
*) dflt="$dflt -l$thislib"
    libsfound="$libsfound $xxx"
    yyy=`basename $xxx`
    libsfiles="$libsfiles $yyy"

```

```

        yyy=`echo $xxx|sed -e
"s%/$yyy\\\$%%"`
        case " $libsdirs " in
        *" $yyy ") ;;
        *) libsdirs="$libsdirs $yyy" ;;
        esac
        ;;
    esac
break
fi
done
if $test ! -f "$xxx"; then
    echo "No -$thislib."
fi
done
set X $dflt
shift
dflt="$*"
case "$libs" in
") dflt="$dflt";;
*) dflt="$libs";;
esac
case "$dflt" in
'|') dflt='none';;
esac

$cat <<EOM

```

In order to compile \$package on your machine, a number of libraries are usually needed. Include any other special libraries here as well. Say "none" for none. The default list is almost always right.
EOM

```

echo " "
rp="What libraries to use?"
./myread
case "$ans" in
none) libs='';;
*) libs="$ans";;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/libs.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Warn_v7EXT.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Warn_v7EXT.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:01:42 ram
?RCS: patch36: call ./v7 explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:17 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit issues warnings to V7 sites that they are living dangerously.
?X: This unit needs to get mentioned in End.U to get included.
?X:
?MAKE:Warn_v7EXT: package Guess
?MAKE: -pick add $@ %<
: Warnings
if ./v7;
then
cat <<EOM

```

NOTE: the V7 compiler may ignore some #undefs that \$package uses. If so, you may get messages about redefining EXT. Some V7 compilers also have difficulties with #defines near buffer boundaries, so beware. You may have to play with the spacing in some .h files, believe it or not.

```

EOM
fi

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Warn_v7EXT.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_scorfl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:

```

```

?RCS: $Log: d_scorfl.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:01 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_scorfl: cat Myread Oldconfig nametype Setvar
?MAKE: -pick add $@ %<
?S:d_scorfl:
?S: This variable conditionally defines the SCOREFULL symbol, which
?S: indicates to the C program that any scoreboard kept by the program
?S: should be kept on the basis of the user's full name as opposed to
?S: the user's login name.
?S:.
?C:SCOREFULL:
?C: This
symbol, if defined, indicates that any scoreboard kept by the
?C: program should be kept on the basis of the user's full name as opposed
?C: to the user's login name. If the user can change his full name he
?C: can enter multiple scores if this is defined.
?C:.
?H:#$d_scorfl SCOREFULL /**/
?H:.
?LINT:set d_scorfl
: see how they want the scoreboard kept
case "$d_scorfl" in
"$define") dflt=y ;;
*) dflt=n ;;
esac
case "$nametype" in
other) val="$undef" ;;
*)
$cat <<'EOM'

```

The scoreboard can be kept with one score per login name, or one score per full name. If users can change their full name, or if there is more than one person on your system with the same full name, you should keep the score by login name (the full name is still printed).

```

EOM
rp='Do you want the scoreboard kept by full name?'
. ./myread
case "$ans" in
y*) val="$define" ;;
*) val="$undef" ;;
esac
;;
esac
set d_scorfl
eval $setvar

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_scorfl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2001 Jarkko Hietaniemi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_sresgproto: Hasproto i_unistd

?MAKE: -pick add \$@ %<

?S:d_sresgproto:

?S: This variable conditionally defines the HAS_SETRESGID_PROTO symbol,

?S: which indicates to the C program that the system provides

?S: a prototype for the setresgid() function. Otherwise, it is

?S: up to the program to supply one.

?S:.

?C:HAS_SETRESGID_PROTO:

?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the setresgid() function. Otherwise, it is up

?C: to the program to supply one. Good guesses are

?C: extern

int setresgid(uid_t ruid, uid_t euid, uid_t suid);

?C:.

?H:#\$d_sresgproto HAS_SETRESGID_PROTO /**/

?H:.

?LINT:set d_sresgproto

: see if prototype for setresgid is available

echo " "

set d_sresgproto setresgid \$i_unistd unistd.h

eval \$hasproto

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sresgproto.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_sigsetmk.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_sigsetmk.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:23 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_sigsetmk: Csym Setvar

?MAKE: -pick add \$@ %<

?S:d_sigsetmk:

?S: This variable conditionally defines the HAS_SIGSETMASK symbol, which

?S: indicates to the C program that the sigsetmask() routine is available

?S: to set current signal mask.

?S:.

?C:HAS_SIGSETMASK (SIGSETMASK):

?C: This symbol, if defined, indicates that the sigsetmask()
routine is

?C: available to set current signal mask. Otherwise, you should probably

?C: emulate this by using signal(), but fear race conditions...

?C:.

?H:#\$d_sigsetmk HAS_SIGSETMASK /**/

?H:.

?LINT:set d_sigsetmk

: see if sigsetmask exists

echo " "

if set sigsetmask val -f d_sigsetmk; eval \$csym; \$val; then

echo 'sigsetmask() found.' >&4

val="\$define"

else

echo "sigsetmask() not found -- We'll use signal()." >&4

val="\$undef"

fi

set d_sigsetmk

eval \$setvar

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_sigsetmk.U

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#

Beyond this point lie functions we may never compile.

#


```
#
# DO NOT CHANGE A IOTA BEYOND THIS COMMENT!
# The following table lists offsets of functions within the data section.
# Should modifications be needed, change original code and rerun perload
# with the -o option to regenerate a proper offset table.
#
```

```
    locate'dump_list    2938
locate'private_units    3071
locate'public_units    3858
    locate'units_path    5351
    main'build_extfun    16719
    main'build_filext    16368
    main'build_xref      25627
    main'complete_line   22216
    main'dump_obsolete    23859
    main'end_extraction   7714
main'extract_dependencies 19358
main'extract_filenames  15511
    main'gensym          29705
    main'init            1308
    main'init_depend
18208
    main'init_except     1534
main'init_extraction    6862
main'locate_units      2321
    main'manifake        29793
    main'ofound          29321
    main'p_c             10283
    main'p_config        11589
    main'p_magic         13345
    main'p_make          8066
main'p_obsolete        9676
    main'p_shell         9830
    main'p_wanted        14245
    main'profile         30974
    main'q               17825
main'record_obsolete    22806
    main'tilda_expand    30619
    main'usage           1832
```

```
#
# End of offset table and beginning of dataloading section.
#
```

```
# General initializations
sub main'load_init {
    package main;
```

```

&init_except; # Token which have upper-cased letters
&init_depend; # The %Depend array records control line handling
}

# Record the exceptions -- all symbols but these are lower case
sub main'load_init_except
{
package main;
$Except{'Author'}++;
$Except{'Date'}++;
$Except{'Header'}++;
$Except{'Id'}++;
$Except{'Locker'}++;
$Except{'Log'}++;
$Except{'RCSfile'}++;
$Except{'Revision'}++;
$Except{'Source'}++;
$Except{'State'}++;
}

# Print out metaxref's usage and exits
sub main'load_usage {
package main;
print STDERR <<EOM;
Usage: metaxref [-dhkmsV] [-f manifest] [-L dir]
-d : debug mode.
-f : use that file as manifest instead of MANIFEST.new.
-h : print this help message and exits.
-k : keep temporary directory.
-m : assume lots of memory and swap space.
-s : silent mode.
-L : specify main units repository.
-V : print version number and exits.
EOM
exit 1;
}

# Locate the units and push their path in @ARGV (sorted alphabetically)
sub main'load_locate_units {
package locate;
print "Locating units...\n" unless $main'opt_s;
local(*WD) = *main'WD; # Current working directory
local(*MC) = *main'MC; # Public metaconfig library
undef %myUlist; #
Records private units paths
undef %myUseen; # Records private/public conflicts
&private_units; # Locate private units in @myUlist
&public_units; # Locate public units in @ARGV
}

```

```

@ARGV = sort @ARGV; # Sort it alphabetically
push(@ARGV, sort @myUlist); # Append user's units sorted
&dump_list if $main'opt_v; # Dump the list of units
}

# Dump the list of units on stdout
sub locate'load_dump_list {
    package locate;
    print "\t";
    $, = "\n\t";
    print @ARGV;
    $, = ";";
    print "\n";
}

# Scan private units
sub locate'load_private_units {
    package locate;
    return unless -d 'U'; # Nothing to be done if no 'U' entry
    local(*ARGV) = *myUlist; # Really fill in @myUlist
    local($MC) = $WD; # We are really in the working directory
    &units_path("U"); # Locate units in the U directory
    local($unit_name); # Unit's name (without .U)
    local(@kept); # Array of kept units
    # Loop over the units and remove duplicates (the first one seen is the one
    # we keep). Also set the
    %myUseen H table to record private units seen.
    foreach (@ARGV) {
        ($unit_name) = m|^.*\/(.*)\,U$; # Get unit's name from path
        next if $myUseen{$unit_name}; # Already recorded
        $myUseen{$unit_name} = 1; # Record private unit
        push(@kept, $_); # Keep this unit
    }
    @ARGV = @kept;
}

# Scan public units
sub locate'load_public_units {
    package locate;
    chdir($MC) || die "Can't find directory $MC.\n";
    &units_path("U"); # Locate units in public U directory
    chdir($WD) || die "Can't go back to directory $WD.\n";
    local($path); # Relative path from $WD
    local($unit_name); # Unit's name (without .U)
    local(*Unit) = *main'Unit; # Unit is a global from main package
    local(@kept); # Units kept
    local(%warned); # Units which have already issued a message
    # Loop over all the units and keep only the ones that were not found in

```

```

# the user's U directory. As it is possible two or more units with the same
# name be found in
foreach (@ARGV) {
    ($unit_name) = m|^.*(.*).U$; #
    Get unit's name from path
    next if $warned{$unit_name}; # We have already seen this unit
    $warned{$unit_name} = 1; # Remember we have warned the user
    if ($myUsein{$unit_name}) { # User already has a private unit
        $path = $Unit{$unit_name}; # Extract user's unit path
        next if $path eq $_; # Same path, we must be in mcon/
        $path =~ s|^$WD/||o; # Weed out leading working dir path
        print "  Your private $path overrides the public one.\n"
        unless $main'opt_s;
    } else {
        push(@kept, $_); # We may keep this one
    }
}
@ARGV = @kept;
}

# Recursively locate units in the directory. Each file ending with .U has to be
# a unit. Others are stat()'ed, and if they are a directory, they are also
# scanned through. The $MC and @ARGV variable are dynamically set by the caller.
sub locate'load_units_path {
    package locate;
    local($dir) = @_; # Directory where units are to be found
    local(@contents); # Contents of the directory
    local($unit_name); # Unit's name,
    without final .U
    local($path); # Full path of a unit
    local(*Unit) = *main'Unit; # Unit is a global from main package
    unless (opendir(DIR, $dir)) {
        warn("Cannot open directory $dir.\n");
        return;
    }
    print "Locating in $MC/$dir...\n" if $main'opt_v;
    @contents = readdir DIR; # Slurp the whole thing
    closedir DIR; # And close dir, ready for recursion
    foreach (@contents) {
        next if $_ eq '.' || $_ eq '..';
        if (/\.U$/) { # A unit, definitely
            ($unit_name) = /^(.*).U$/;
            $path = "$MC/$dir/$_"; # Full path of unit
            push(@ARGV, $path); # Record its path
            if (defined $Unit{$unit_name}) { # Already seen this unit
                if ($main'opt_v) {
                    ($path) = $Unit{$unit_name} =~ m|^.*(.*).*|;
                    print "  We've already seen $unit_name.U in $path.\n";
                }
            }
        }
    }
}

```

```

    }
  } else {
    $Unit{$unit_name} = $path; # Map name to path
  }
  next;
}
# We have found a file which does not look like a unit. If it is a
# directory, then scan it. Otherwise skip the file.
unless
(-d "$dir/$_") {
  print "  Skipping file $_ in $dir.\n" if $main'opt_v;
  next;
}
&units_path("$dir/$_");
print "Back to $MC/$dir...\n" if $main'opt_v;
}
}

# Initialize the extraction process by setting some variables.
# We return a string to be eval to do more customized initializations.
sub main'load_init_extraction {
  package main;
  open(INIT, ">$WD/.MT/Init.U") ||
  die "Can't create .MT/Init.U\n";
  open(CONF_H, ">$WD/.MT/Config_h.U") ||
  die "Can't create .MT/Config_h.U\n";
  open(EXTERN, ">$WD/.MT/Extern.U") ||
  die "Can't create .MT/Extern.U\n";
  open(MAGIC_H, ">$WD/.MT/Magic_h.U") ||
  die "Can't create .MT/Magic_h.U\n";

  $c_symbol = ""; # Current symbol seen in ?C: lines
  $s_symbol = ""; # Current symbol seen in ?S: lines
  $m_symbol = ""; # Current symbol seen in ?M: lines
  $heredoc = ""; # Last "here" document symbol seen
  $heredoc_nosubst = 0; # True for <<'EOM' here docs
  $condlist = ""; # List of conditional symbols
  $defined =
  "; # List of defined symbols in the unit
  $body = ""; # No procedure to handle body
  $ending = ""; # No procedure to clean-up
}

# End the extraction process
sub main'load_end_extraction {
  package main;
  close EXTERN; # External dependencies (libraries, includes...)
  close CONF_H; # C symbol definition template

```

```

close INIT; # Required initializations
close MAGIC; # Magic C symbol redefinition templates

print $dependencies if $opt_v; # Print extracted dependencies
}

# Process the ?MAKE: line
sub main'load_p_make {
package main;
local($_) = @_;
local(@ary); # Locally defined symbols
local(@dep); # Dependencies
if (/^\[w+ ]*:/) { # Main dependency rule
s|\s*||; # Remove leading spaces
chop;
s/:(.*)//;
@dep = split(' ', $1); # Dependencies
@ary = split(' '); # Locally defined symbols
foreach $sym (@ary) {
# Symbols starting with a '+' are meant for internal use only.
next if $sym =~ s/^\+//;
# Only symbols starting with
a lowercase letter are to
# appear in config.sh, excepted the ones listed in Except.
if ($sym =~ /^[_a-z]/ || $Except{$sym}) {
$shmaster{"\$$sym"} = undef;
push(@Master, "?$unit:$sym=\n"); # Initializations
}
}
$condlist = ""; # List of conditional symbols
local($sym); # Symbol copy, avoid @dep alteration
foreach $dep (@dep) {
if ($dep =~ /^[A-Za-z]/) {
($sym = $dep) =~ s/^\+||;
$condlist .= "$sym ";
push(@Cond, $sym) unless $condseen{$sym};
$condseen{$sym}++; # Conditionally wanted
}
}
# Append to already existing dependencies. The 'defined' variable
# is set for &write_out, used to implement ?L: and ?I: canvas. It is
# reset each time a new unit is parsed.
# NB: leading '+' for defined symbols (internal use only) have been
# removed at this point, but conditional dependencies still bear it.
$defined = join(' ', @ary); # Symbols defined by this unit
$dependencies .= $defined . ' ' . join(' ', @dep) . "\n";
$dependencies
}

```

```

.= " -cond $condlist\n" if $condlist;
} else {
  $dependencies .= $_; # Building rules
}
}

# Process the ?O: line
sub main'load_p_obsolete {
  package main;
  local($_) = @_;
  $Obsolete{"$unit.U"} .= $_; # Message(s) to print if unit is used
}

# Process the ?S: lines
sub main'load_p_shell {
  package main;
  local($_) = @_;
  unless ($s_symbol) {
    if (/^(w+).*/) {
      $s_symbol = $1;
      print " ?S: $s_symbol\n" if $opt_d;
    } else {
      warn "\"$file\"", line $.: syntax error in ?S: construct.\n";
      $s_symbol = $unit;
      return;
    }
  }
  # Deal with obsolete symbol list (enclosed between parenthesis)
  &record_obsolete("$$_") if ^(/);
}
m|^\s*$| && ($s_symbol = ""); # End of comment
}

# Process the ?C: lines
sub main'load_p_c {
  package main;
  local($_) = @_;
  unless ($c_symbol) {
    if (s/^(w+)\s*~\s*(S+)\s*(.*)/$1 $3:/) {
      # The ~ operator aliases the main C symbol to another symbol which
      # is to be used instead for definition in config.h. That is to say,
      #
      # the line '?C:SYM ~ other:' would look for symbol 'other' instead,
      # and the documentation for symbol SYM would only be included in
      # config.h if 'other' were actually wanted.
      $c_symbol = $2; # Alias for definition in config.h
      print " ?C: $1 ~ $c_symbol\n" if $opt_d;
    } elsif (/^(w+).*/) {
      # Default behaviour. Include in config.h if symbol is needed.

```

```

$C_symbol = $1;
print " ?C: $C_symbol\n" if $opt_d;
} else {
warn "\"$file\"", line $.: syntax error in ?C: construct.\n";
$C_symbol = $unit;
return;
}
# Deal with obsolete symbol list (enclosed between parenthesis) and
# make sure that list do not appear in config.h.SH by removing it.
&record_obsolete("$_") if /\(/;
s/\s*(.*)//; # Get rid of obsolete symbol list
}
s/^(\\w+)\s*|?C_symbol:/* $1| # Start of comment
(s/\\.s*|?C_symbol: *\n| && ($C_symbol = ", 1))| # End of comment
s/^(.*)|?C_symbol: *$1|; # Middle of comment
&p_config("$_"); # Add comments
to config.h.SH
}

# Process the ?H: lines
sub main'load_p_config {
package main;
local($_) = @_;
local($constraint); # Constraint to be used for inclusion
++$old_version if s/^\?%1://; # Old version
if (s/^\?(\\w+)://) { # Remove leading '?var:'
$constraint = $1; # Constraint is leading '?var'
} else {
$constraint = ""; # No constraint
}
if (/^#.*$/) { # Look only for cpp lines
if (m/^\#$(\\w+)\s+(\\w+).*$(\\w+)) {
# Case: #d_var VAR "$var"
$constraint = $2 unless $constraint;
print " ?H: ($constraint) #$$1 $2 \"\$$$3\n" if $opt_d;
$cmaster{$2} = undef;
$swanted{$2} = "$1\n$$$3";
} elsif (m/^\#define\s+(\\w+)\((.*)\)\s+(\\w+)) {
# Case: #define VAR(x) $var
$constraint = $1 unless $constraint;
print " ?H: ($constraint) #define $1($2) \$$$3\n" if $opt_d;
$cmaster{$1} = undef;
$swanted{$1} = $3;
} elsif (m/^\#define\s+(\\w+)) {
# Case: #define VAR
$constraint = $1 unless $constraint;
print " ?H: ($constraint)

```



```

#define $1\n" if $opt_d;
  $cmaster{$1} = undef;
  $cwanted{$1} = "define\n$unit";
} elsif (m/^\#(\w+)\s+(\w+)\) {
  # Case: #d_var VAR
  $constraint = $2 unless $constraint;
  print " ?H: ($constraint) #\$$1 $2\n" if $opt_d;
  $cmaster{$2} = undef;
  $cwanted{$2} = $1;
} elsif (m/^\#define\s+(\w+)\.*\$ (\w+)\) {
  # Case: #define VAR "$var"
  $constraint = $1 unless $constraint;
  print " ?H: ($constraint) #define $1 \"\$$2\"\n" if $opt_d;
  $cmaster{$1} = undef;
  $cwanted{$1} = $2;
} else {
  $constraint = $unit unless $constraint;
  print " ?H: ($constraint) $_" if $opt_d;
}
} else {
  print " ?H: ($constraint) $_" if $opt_d;
}
# If not a single ?H:. line, add the leading constraint
s/^\./ || s/^\?/$constraint:/;
print CONF_H;
}

# Process the ?M: lines
sub main'load_p_magic {
  package main;
  local($_) = @_;
  unless ($m_symbol) {
    if (/^\(w+):\s*([\w\s]*)\n$/) {
      # A '?M:sym:' line implies a '?W:%<:sym' since we'll need to know
      # about the wantedness
      of sym later on when building confmagic.h.
      # Buf is sym is wanted, then the C symbol dependencies have to
      # be triggered. That is done by introducing sym in the mwanted
      # array, known by the Wanted file construction process...
      $m_symbol = $1;
      print " ?M: $m_symbol\n" if $opt_d;
      $mwanted{$m_symbol} = $2; # Record C dependencies
      &p_wanted("$unit:$m_symbol"); # Build fake ?W: line
    } else {
      warn "\"$file\", line $.: syntax error in ?M: construct.\n";
    }
  }
  return;
}

```

```

(s/^\.\s*$/?$m_symbol:\n/ && ($m_symbol = ", 1)) || # End of block
s/^\?/$m_symbol:/;
print MAGIC_H; # Definition goes to confmagic.h
print " ?M: $_" if $opt_d;
}

# Process the ?W: lines
sub main'load_p_wanted {
    package main;
    # Syntax is ?W:<shell symbols>:<C symbols>
    local($active) = $_[0] =~ /^(^[^:]*)/; # Symbols to activate
    local($look_symbols) = $_[0] =~ /:(.*)/; # When those are used
    local(@syms) = split(/ /, $look_symbols); # Keep original spacing info
    $active =~ s/\s+/\n/g; #
    One symbol per line

    # Concatenate quoted strings, so saying something like 'two words' will
    # be introduced as one single symbol "two words".
    local(@symbols); # Concatenated symbols to look for
    local($concat) = ""; # Concatenation buffer
    foreach (@syms) {
        if (s/^\//) {
            $concat = $_;
        } elsif (s/\'$/) {
            push(@symbols, $concat . '\'' . $_);
            $concat = "";
        } else {
            push(@symbols, $_) unless $concat;
            $concat .= '\'' . $_ if $concat;
        }
    }
}

local($fake); # Fake unique shell symbol to reparent C symbol

# Now record symbols in master and wanted tables
foreach (@symbols) {
    $master{$_} = undef; # Asks for look-up in C files
    # Make a fake C symbol and associate that with the wanted symbol
    # so that later we know where it comes from
    $fake = &gensym;
    $wanted{$_} = "$fake"; # Attached to this symbol
    push(@Master, "?$unit:$fake="); # Fake initialization
}
}

# Extract filenames from manifest
sub main'load_extract_filenames {
    package

```

```

main;
&build_filext; # Construct &is_cfile and &is_shfile
print "Extracting filenames (C and SH files) from $NEWMANI...\n"
unless $opt_s;
open(NEWMANI,$NEWMANI) || die "Can't open $NEWMANI.\n";
local($file);
while (<NEWMANI>) {
($file) = split(' ');
next if $file eq 'config_h.SH'; # skip config_h.SH
next if $file eq 'Configure'; # also skip Configure
next if $file eq 'confmagic.h' && $opt_M;
push(@SHlist, $file) if &is_shfile($file);
push(@clist, $file) if &is_cfile($file);
}
}

# Construct two file identifiers based on the file suffix: one for C files,
# and one for SH files (using the $cext and $shext variables) defined in
# the .package file.
# The &is_cfile and &is_shfile routine may then be called to know whether
# a given file is a candidate for holding C or SH symbols.
sub main'load_build_filext {
package main;
&build_extfun('is_cfile', $cext, '.c.h.y.l');
&build_extfun('is_shfile', $shext, '.SH');
}

# Build routine $name to identify extensions
# listed in $exts, ensuring
# that $minimum is at least matched (both to be backward compatible with
# older .package and because it is really the minimum required).
sub main'load_build_extfun {
package main;
local($name, $exts, $minimum) = @_ ;
local(@single); # Single letter dot extensions (may be grouped)
local(@others); # Other extensions
local(%seen); # Avoid duplicate extensions
foreach $ext (split(' ', "$exts $minimum")) {
next if $seen{$ext}++;
if ($ext =~ s/^\.(\\w)$/$1/) {
push(@single, $ext);
} else {
# Convert into perl's regexp
$ext =~ s/\./\./g; # Escape .
$ext =~ s/?/./g; # ? turns into .
$ext =~ s/*/*./g; # * turns into .*
push(@others, $ext);
}
}
}

```

```

}
local($fn) = &q(<<EOF); # Function being built
:sub $name {
: local(\$_) = \@_;
EOF
local($single); # Single regexp: .c.h grouped into .[ch]
$single = \"[' . join(", @single) . ']' if @single;
$fn .= &q(<<EOL) if @single;
: return 1 if /$single$/;
EOL
foreach $ext (@others)
{
$fn .= &q(<<EOL);
: return 1 if /$ext$/;
EOL
}
$fn .= &q(<<EOF);
: 0; # None of the extensions may be applied to file name
:}
EOF
print $fn if $opt_d;
eval $fn;
chop($@) && die "Can't compile '$name':\n$fn\n$@\n";
}

# Remove ':' quotations in front of the lines
sub main'load_q {
package main;
local($_) = @_;
local($*) = 1;
s/^\://g;
$_;
}

# The %Depend array records the functions we use to process the configuration
# lines in the unit, with a special meaning. It is important that all the
# known control symbols be listed below, so that metalint does not complain.
# The %Lcmp array contains valid layouts and their comparison value.
sub main'load_init_depend {
package main;
%Depend = (
'MAKE', 'p_make', # The ?MAKE: line records dependencies
'INIT', 'p_init', # Initializations printed verbatim
'LINT', 'p_lint', # Hints for metalint
'RCS', 'p_ignore', # RCS comments are ignored
'C', 'p_c', # C symbols
'D', 'p_default', # Default value

```

```

for conditional symbols
'E', 'p_example', # Example of usage
'F', 'p_file', # Produced files
'H', 'p_config', # Process the config.h lines
'I', 'p_include', # Added includes
'L', 'p_library', # Added libraries
'M', 'p_magic', # Process the confmagic.h lines
'O', 'p_obsolete', # Unit obsolescence
'P', 'p_public', # Location of PD implementation file
'S', 'p_shell', # Shell variables
'T', 'p_temp', # Shell temporaries used
'V', 'p_visible', # Visible symbols like 'rp', 'dflt'
'W', 'p_wanted', # Wanted value for interpreter
'X', 'p_ignore', # User comment is ignored
'Y', 'p_layout', # User-defined layout preference
);
%Lcmp = (
'top', -1,
'default', 0,
'bottom', 1,
);
}

# Extract dependencies from units held in @ARGV
sub main'load_extract_dependencies {
package main;
local($proc); # Procedure used to handle a ctrl line
local($file); # Current file scanned
local($dir, $unit); # Directory
and unit's name
local($old_version) = 0; # True when old-version unit detected
local($mc) = "$MC/U"; # Public metaconfig directory
local($line); # Last processed line for metalint

printf "Extracting dependency lists from %d units...\n", $#ARGV+1
unless $opt_s;

chdir $WD; # Back to working directory
&init_extraction; # Initialize extraction files
$dependencies = ' ' x (50 * @ARGV); # Pre-extend
$dependencies = "";

# We do not want to use the <> construct here, because we need the
# name of the opened files (to get the unit's name) and we want to
# reset the line number for each files, and do some pre-processing.

file: while ($file = shift(@ARGV)) {
close FILE; # Reset line number

```

```

Sold_version = 0; # True if unit is an old version
if (open(FILE, $file)) {
  ($dir, $unit) = ("", $file)
  unless ($dir, $unit) = ($file =~ m|(.*)/(.*)|);
  $unit =~ s|\.U$||; # Remove extension
} else {
  warn("Can't open $file.\n");
}
# If
unit is in the standard public directory, keep only the unit name
$file = "$unit.U" if $dir eq $mc;
print "$dir/$unit.U:\n" if $opt_d;
line: while (<FILE>) {
  $line = $_; # Save last processed unit line
  if (s/^\?([\w\~]+):/) { # We may have found a control line
    $proc = $Depend{$1}; # Look for a procedure to handle it
    unless ($proc) { # Unknown control line
      $proc = $1; # p_unknown expects symbol in '$proc'
      eval '&p_unknown'; # Signal error (metalint only)
      next line; # And go on next line
    }
    # Long lines may be escaped with a final backslash
    $_ = &complete_line(FILE) if s/\\s*$//;
    # Run macros substitutions
    s/%</$unit/g; # %< expands into the unit's name
    if (s/%\*/$unit/) {
      # %* expanded into the entire set of defined symbols
      # in the old version. Now it is only the unit's name.
      ++$old_version;
    }
    eval { &$proc($_) }; # Process the line
  } else {
    next file unless $body; # No procedure to
handle body
    do {
      $line = $_; # Save last processed unit line
      eval { &$body($_) }; # From now on, it's the unit body
    } while (defined ($_ = <FILE>));
    next file;
  }
}
} continue {
warn(" Warning: $file is a pre-3.0 version.\n") if $old_version;
&$ending($line) if $ending; # Post-processing for metalint
}

&end_extraction; # End the extraction process
}

```

```

# The first line was escaped with a final \ character. Every following line
# is to be appended to it (until we found a real \n not escaped). Note that
# the leading spaces of the continuation line are removed, so any space should
# be added before the former \ if needed.
sub main'load_complete_line {
    package main;
    local($file) = @_; # File where lines come from
    local($_);
    local($read) = ""; # Concatenation of all the continuation lines found
    while (<$file>) {
        s/^\s+//; # Remove leading spaces
        if (s/^\s*$//) { # Still followed by a continuation line
            $read .= $_;
        } else { #
            We've reached the end of the continuation
            return $read . $_;
        }
    }
}

# Record obsolete symbols association (new versus old), that is to say for a
# given old symbol, $Obsolete{'old'} = new symbol to be used. A '$' is prepended
# for all shell variables
sub main'load_record_obsolete {
    package main;
    local($_) = @_;
    local(@obsoleted); # List of obsolete symbols
    local($symbol); # New symbol which must be used
    local($dollar) = s/^\$/ ? '$:.'; # The '$' or a null string
    # Syntax for obsolete symbols specification is
    # list of symbols (obsolete ones):
    if (/^\(w+\)\s*\((.*)\)\s*:$/ ) {
        $symbol = "$dollar$1";
        @obsoleted = split(' ', $2); # List of obsolete symbols
    } else {
        if (/^\(w+\)\s*\((.*)$/ ) {
            warn "\"$file\", line $.: final ')' before ':' missing.\n";
            $symbol = "$dollar$1";
            @obsoleted = split(' ', $2);
        } else {
            warn "\"$file\", line $.: syntax error.\n";
            return;
        }
    }
    foreach $val (@obsoleted) {
        $_ = $dollar . $val;
        if (defined $Obsolete{$_})

```



```

close OBSOL_H;
close OBSOL_SH;
if (-s 'Obsolete') {
  print "*** Obsolete symbols found -- see file 'Obsolete' for a list.\n";
} else {
  unlink 'Obsolete';
}
undef
%ofound; # Not needed any more
}

# Parse files and build cross references
sub main'load_build_xref {
  package main;
  print "Building cross-reference files...\n" unless $opt_s;
  unless (-f $NEWMANI) {
    &manifake;
    die "No $NEWMANI--don't know who to scan.\n" unless -f $NEWMANI;
  }

  open(FUI, "|sort | uniq >I.fui") || die "Can't create I.fui.\n";
  open(UIF, "|sort | uniq >I.uif") || die "Can't create I.uif.\n";

  local($search); # Where to-be-eval'd script is held
  local($_) = ' ' x 50000 if $opt_m; # Pre-extend pattern search space
  local(%visited); # Records visited files
  local(%lastfound); # Where last occurrence of key was

  # Map shell symbol names to units by reverse engineering the @Master array
  # which records all the known shell symbols and the units where they
  # are defined.
  foreach $init (@Master) {
    $init =~ /\^(?:(.*)=/' && ($shwanted{"\"$2"} = $1);
  }

  # Now we are a little clever, and build a loop to eval so that we don't
  # have to recompile
  our patterns on every file. We also use "study" since
  # we are searching the same string for many different things. Hauls!

  if (@clist) {
    print " Scanning .[chyl] files for symbols...\n" unless $opt_s;
    $search = ' ' x (40 * (@cmaster + @ocmaster)); # Pre-extend
    $search = "while (<>) {study;\n"; # Init loop over ARGV
    foreach $key (keys(cmaster)) {
      $search .= "\"$cmaster{$key}' := \"\$ARGV#\n" if /\b$key\b/;\n";
    }
    foreach $key (grep(!/\$/, keys %Obsolete)) {

```

```

$search .= "&ofound('$key') if /\b$key\b/;\n";
}
$search .= "}\n"; # terminate loop
print $search if $opt_d;
@ARGV = @clist;
# Swallow each file as a whole, if memory is available
undef $/ if $opt_m;
eval $search;
eval "";
$/ = "\n";
while (($key,$value) = each(cmaster)) {
    next if $value eq "";
    foreach $file (sort(split(/#/ , $value))) {
        next if $file eq "";
        # %cwanted may contain value separated by \n -- take last one
        @sym = split(/\n/, $cwanted{$key});
        $sym
= pop(@sym);
        $shell = "\$$sym";
        print FUI
            pack("A35", $file),
            pack("A20", "$shwanted{$shell}.U"),
            $key, "\n";
        print UIF
            pack("A20", "$shwanted{$shell}.U"),
            pack("A25", $key),
            $file, "\n";
    }
}

undef @clist;
undef %cwanted;
undef %cmaster; # We're not building Configure, we may delete this
%visited = ();
%lastfound = ();

if (@SHlist) {
    print " Scanning .SH files for symbols...\n" unless $opt_s;
    $search = ' ' x (40 * (@shmaster + @oshmaster)); # Pre-extend
    $search = "while (<>) {study;\n";
    # All the keys already have a leading '$'
    foreach $key (keys(shmaster)) {
        $search .= "\$shmaster{'$key'} .= \"\$ARGV#\" if /\b$key\b/;\n";
    }
    foreach $key (grep (/^\$/, keys %Obsolete)) {
        $search .= "&ofound('$key') if /\b$key\b/;\n";
    }
}

```

```

$search .= "}\n";
print $search if $opt_d;
@ARGV = @SHlist;
# Swallow each file as a whole, if memory is available
undef $/ if $opt_m;
eval $search;
eval ";
$/ =
"\n";
while (($key,$value) = each(shmaster)) {
  next if $value eq ";
  foreach $file (sort(split(/#/ , $value))) {
    next if $file eq ";
    print FUI
      pack("A35", $file),
      pack("A20", "$shwanted{$key}.U"),
      $key, "\n";
    print UIF
      pack("A20", "$shwanted{$key}.U"),
      pack("A25", $key),
      $file, "\n";
  }
}

close FUI;
close UIF;

# If obsolete symbols were found, write an Obsolete file which lists where
# each of them appear and the new symbol to be used. Also write Obsol_h.U
# and Obsol_sh.U in .MT for later perusal.

&dump_obsolete; # Dump obsolete symbols if any

# Clean-up memory by freeing useless data structures
undef @SHlist;
undef %shmaster;
}

# This routine records matches of obsolete keys (C or shell)
sub main'load_ofound {
  package main;
  local($key) = @_ ;
  local($_) = $Obsolete{$key}; # Value of new symbol
  $ofound{"$ARGV $key $_"}++; # Record obsolete match
  $cmaster{$_} .= "$ARGV#" unless /^$/; # A C hit
  $shmaster{$_}

```

```

.= "$ARGV#" if /^$/; # Or a shell one
}

# Create a new symbol name each time it is invoked. That name is suitable for
# usage as a perl variable name.
sub main'load_gensym {
    package main;
    $Gensym = 'AAAAA' unless $Gensym;
    $Gensym++;
}

sub main'load_manifake {
    package main;
    # make MANIFEST and MANIFEST.new say the same thing
    if (! -f $NEWMANI) {
        if (-f $MANI) {
            open(IN,$MANI) || die "Can't open $MANI";
            open(OUT,">$NEWMANI") || die "Can't create $NEWMANI";
            while (<IN>) {
                if (/---/) {
                    # Everything until now was a header...
                    close OUT;
                    open(OUT,">$NEWMANI") ||
                    die "Can't recreate $NEWMANI";
                    next;
                }
                s/^\s*(\S+\s+)[0-9]*\s*(.*)/$1$2/;
            }
            print OUT;
            print OUT "\n" unless /\n$/; # If no description
        }
        close IN;
    }
    close OUT;
}
else {
die "You need to make a $NEWMANI file, with names and descriptions.\n";
}
}

#
# Perform ~name expansion ala ksh...
# (banish csh from your vocabulary ;-))
sub main'load_tilda_expand {
    package main;
    local($path) = @_ ;
    return $path unless $path =~ /^~/;
    $path =~ s:^\s*(\s+/+):(getpwnam($1))[$+7]:e; # ~name
    $path =~ s:^\s~:$ENV{'HOME'} || (getpwuid($<))[$+7]:e; # ~

```

```

$path;
}

# Set up profile components into %Profile, add any profile-supplied options
# into @ARGV and return the command invocation name.
sub main'load_profile {
    package main;
    local($profile) = &tilda_expand($ENV{'DIST'} || '~/dist_profile');
    local($me) = $0; # Command name
    $me =~ s|.*/(.*)|$1|; # Keep only base name
    return $me unless -s $profile;
    local(*PROFILE); # Local file descriptor
    local($options) = ""; # Options we get back from profile
    unless (open(PROFILE, $profile)) {
        warn "$me: cannot open $profile: $!\n";
        return;
    }
    local($_);
    local($component);
    while (<PROFILE>) {
        next if /\s*#/; # Skip comments
        next unless /\$me/o;
        if (s/^\$me://o) { # progname: options
            chop;
            $options
            .= $_; # Merge options if more than one line
        }
        elsif (s/^\$me-([\^:]+)//o) { # progname-component: value
            $component = $1;
            chop;
            s/^\s+//; # Trim leading and trailing spaces
            s/\s+$/;
            $Profile{$component} = $_;
        }
    }
    close PROFILE;
    return unless $options;
    require 'shellwords.pl';
    local(@opts);
    eval '@opts = &shellwords($options)'; # Protect against mismatched quotes
    unshift(@ARGV, @opts);
    return $me; # Return our invocation name
}

#
# End of dataloading section.
#

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/metaxref

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998, Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?X:

?X: Useless unit dropped. Use randfunc instead.

?X:

?LINT:empty

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/randbits.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Config_sh.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 14:57:53 ram

?RCS: patch61: added support for src.U

?RCS:

?RCS: Revision 3.0.1.2 1995/01/11 14:53:31 ram

?RCS: patch45: moved path stripping from d_portable.U to end of Configure

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 15:50:37 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:04:48 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit ends up producing the config.sh script, which contains all the definitions figured out by Configure. The add.Config_sh command knows which variables need to be remembered. It also adds the EOT (ends the here document redirection with variable substitution).

?X:

```
?MAKE:Config_sh: cf_time cf_by test spitshell startsh myuname Myread \  
End Obsol_sh Loc +d_portable package src cat sed
```

```
?MAKE: -pick add.Config_sh $@ %<
```

```
?MAKE: -pick add $@ ./Obsol_sh
```

```
?MAKE: -pick close.Config_sh $@ %<
```

```
?F:!config.over !config.arch
```

```
?T:file sfile xsed
```

```
?LINT:unclosed EOT
```

```
: back to where it started
```

```
if test -d ../UU; then
```

```
cd ..
```

```
fi
```

```
: configuration may be unconditionally patched via a 'config.arch' file
```

```
if $test -f config.arch; then
```

```
echo "I see a config.arch file, loading it." >&4
```

```
./config.arch
```

```
fi
```

```
: configuration may be patched via a 'config.over' file
```

```
if $test -f config.over; then
```

```
echo " "
```

```
dflt=y
```

```
rp='I see a config.over file. Do you wish to load it?'
```

```
. UU/myread
```

```
case "$ans" in
```

```
n*) echo "OK, I'll ignore it.";;
```

```
*) ./config.over
```

```
echo
```

```
"Configuration override changes have been loaded."
```

```
::
```

```
esac
```

```
fi
```

```
@if d_portable
```

```
: in case they want portability, strip down executable paths
```

```
?X:
```

?X: Strip down paths in located executables. For each file, e.g. vi, there

?X: is a \$vi variable whose value is for instance '/usr/bin/vi'. By resetting

?X: \$vi to 'vi', we rely on the PATH variable to locate the executable...

?X: In order to allow vi='/usr/bin/nvi' which will strip down to vi='nvi',

?X: we can't just say 'eval \$file="\\$file"', we have to recourse to sed.

?X: We don't use basename since it is less portable than sed.

?X:

```
case "$d_portable" in
"$define")
echo " "
echo "Stripping down executable paths..." >&4
xsed=$sed
for file in $loclist $trylist; do
eval sfile="\$file"
sfile=`echo $sfile | $xsed -e 's,.*^(.*)\,1,`
eval $file="$sfile"
done
;;
esac
```

@end

: create config.sh file

echo " "

echo "Creating config.sh..." >&4

\$spitshell <<EOT >config.sh

\$startsh

#

This file was produced by running the

Configure script. It holds all the

definitions figured out by Configure. Should you modify one of these values,

do not forget to propagate your changes by running "Configure -der". You may

instead choose to run each of the .SH files by yourself, or "Configure -S".

#

Package name : \$package

Source directory : \$src

Configuration time: \$cf_time

Configured by : \$cf_by

Target system : \$myuname

EOT

?X: Command line options are saved by the Options.U unit in the

?X: temporary file UU/cmdline.opt

\$test -f UU/cmdline.opt && \$cat UU/cmdline.opt >> config.sh

\$spitshell <<EOT >>config.sh

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Config_sh.U

No license file was found, but licenses were detected in source scan.

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:
?MAKE:d_llround: Inlibc
?MAKE: -pick add \$@ %<
?S:d_llround:
?S: This variable conditionally defines the HAS_LLROUND symbol, which
?S: indicates to the C program that the llround() routine is available
?S: to return the long long value nearest to x.
?S:.
?C:HAS_LLROUND:
?C: This symbol, if defined, indicates that the llround routine is
?C: available to return the nearest long long value.
?C:.
?H:#\$d_llround HAS_LLROUND /**/
?H:.
?LINT:set d_llround
: see if llround exists
set llround d_llround
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_llround.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_tmpnam_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_tmpnam_r tmpnam_r_proto: Inlibc Protochk Hasproto i_systypes \
usethreads extern_C
?MAKE: -pick add \$@ %<
?S:d_tmpnam_r:
?S: This variable conditionally defines the HAS_TMPNAM_R symbol,
?S: which indicates to the C program that the tmpnam_r()
?S: routine is available.
?S:.
?S:tmpnam_r_proto:
?S: This variable encodes the prototype of tmpnam_r.
?S: It is zero if d_tmpnam_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_tmpnam_r
?S: is defined.
?S:.
?C:HAS_TMPNAM_R:
?C: This symbol, if defined, indicates that the tmpnam_r routine

```

?C: is available to tmpnam re-entrantly.
?C:.
?C:TMPNAM_R_PROTO:
?C: This
symbol encodes the prototype of tmpnam_r.
?C: It is zero if d_tmpnam_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_tmpnam_r
?C: is defined.
?C:.
?H:#$d_tmpnam_r HAS_TMPNAM_R /**/
?H:#define TMPNAM_R_PROTO $tmpnam_r_proto /**/
?H:.
?T:try hdrs d_tmpnam_r_proto
: see if tmpnam_r exists
set tmpnam_r d_tmpnam_r
eval $inlibc
case "$d_tmpnam_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h "
case "$d_tmpnam_r_proto:$usethreads" in
":define") d_tmpnam_r_proto=define
set d_tmpnam_r_proto tmpnam_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_tmpnam_r_proto" in
define)
case "$tmpnam_r_proto" in
"|0) try='char* tmpnam_r(char*);'
./protochk "$extern_C $try" $hdrs && tmpnam_r_proto=B_B ;;
esac
case "$tmpnam_r_proto" in
"|0) d_tmpnam_r=undef
tmpnam_r_proto=0
echo "Disabling tmpnam_r, cannot determine prototype." >&4 ;;
* ) case "$tmpnam_r_proto" in
REENTRANT_PROTO*) ;;
*) tmpnam_r_proto="REENTRANT_PROTO_$tmpnam_r_proto"
;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "tmpnam_r has no prototype, not using it." >&4 ;;
esac
d_tmpnam_r=undef
tmpnam_r_proto=0

```

```
;;
esac
;;
*) tmpnam_r_proto=0
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_tmpnam_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_fpgetround: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fpgetround:

?S: This variable conditionally defines HAS_FPGETROUND if fpgetround()

?S: is available to get the floating point rounding mode.

?S:.

?C:HAS_FPGETROUND:

?C: This symbol, if defined, indicates that the fpgetround routine is

?C: available to get the floating point rounding mode.

?C:.

?H:#\$d_fpgetround HAS_FPGETROUND /**/

?H:.

?LINT:set d_fpgetround

: see if fpgetround exists

set fpgetround d_fpgetround

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fpgetround.U
```

No license file was found, but licenses were detected in source scan.

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_lroundl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lroundl:

?S: This variable conditionally defines the HAS_LROUNDL symbol, which

?S: indicates to the C program that the lroundl() routine is available

?S: to return the integral value nearest to x away from zero.

?S:.

?C:HAS_LROUNDL:

?C: This symbol, if defined, indicates that the lroundl routine is
?C: available to return the nearest integral value away from zero of
?C: the long double argument value.
?C:.
?H:#\$d_lroundl HAS_LROUNDL /**/
?H:.
?LINT:set d_lroundl
: see if lroundl exists
set lroundl d_lroundl
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lroundl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_pthread_y.U,v \$
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_pthread_yield sched_yield d_sched_yield: \
Compile Setvar cat rm_try usethreads
?MAKE: -pick add \$@ %<
?S:d_pthread_yield:
?S: This variable conditionally defines the HAS_PTHREAD_YIELD
?S: symbol if the pthread_yield routine is available to yield
?S: the execution of the current thread.
?S:.
?S:sched_yield:
?S: This variable defines the way to yield the execution
?S: of the current thread.
?S:.
?S:d_sched_yield:
?S: This variable conditionally defines the HAS_SCHED_YIELD
?S: symbol if the sched_yield routine is available to yield
?S: the execution of the current thread.
?S:.
?C:HAS_PTHREAD_YIELD:
?C: This symbol, if defined, indicates that the pthread_yield
?C: routine is available
?C: to yield the execution of the current
?C: thread. sched_yield is preferable to pthread_yield.
?C:.
?C:SCHED_YIELD:
?C: This symbol defines the way to yield the execution of

?C: the current thread. Known ways are sched_yield,
?C: pthread_yield, and pthread_yield with NULL.
?C:.
?C:HAS_SCHED_YIELD:
?C: This symbol, if defined, indicates that the sched_yield
?C: routine is available to yield the execution of the current
?C: thread. sched_yield is preferable to pthread_yield.
?C:.
?H:#\$d_pthread_yield HAS_PTHREAD_YIELD /**/
?H:#define SCHED_YIELD \$sched_yield /**/
?H:#\$d_sched_yield HAS_SCHED_YIELD /**/
?H:.
?LINT: set d_pthread_yield d_sched_yield
: see whether the various POSIXish _yields exist
\$cat >try.c <<EOP
#include <pthread.h>
#include <stdio.h>
int main() {
#ifdef SCHED_YIELD
sched_yield();
#else
#ifdef PTHREAD_YIELD
pthread_yield();
#else
#ifdef PTHREAD_YIELD_NULL
pthread_yield(NULL);
#endif
#endif
#endif
}
EOP
: see if sched_yield exists
set try -DSCHED_YIELD
if eval \$compile;
then
val="\$define"
sched_yield='sched_yield()'
else
val="\$undef"
fi
case "\$usethreads" in
\$define)
case "\$val" in
\$define) echo 'sched_yield() found.'>&4 ;;
*) echo 'sched_yield() NOT found.'>&4 ;;
esac
esac
set d_sched_yield

```

eval $setvar

: see if pthread_yield exists
set try -DPTHREAD_YIELD
if eval $compile; then
    val="$define"
    case "$sched_yield" in
        *) sched_yield='pthread_yield()' ;;
    esac
else
    set try -DPTHREAD_YIELD_NULL
    if eval $compile; then
        val="$define"
        case "$sched_yield" in
            *) sched_yield='pthread_yield(NULL)' ;;
        esac
        else
            val="$undef"
        fi
    fi
case "$usetthreads" in
    $define)
        case "$val" in
            $define) echo 'pthread_yield() found.' >&4 ;;
            *) echo 'pthread_yield() NOT found.' >&4 ;;
        esac
    ;;
esac
set d_pthread_yield
eval $setvar
case "$sched_yield" in
    *) sched_yield=undef ;;
esac
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_pthread_y.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_truncate.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_truncate.U,v \$
?RCS: Revision 3.0 1993/08/18 12:07:48 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_truncate: Inlibc
?MAKE: -pick add \$@ %<
?S:d_truncate:
?S: This variable conditionally defines HAS_TRUNCATE if truncate() is
?S: available to truncate files.
?S:.
?C:HAS_TRUNCATE (TRUNCATE):
?C: This symbol, if defined, indicates that the truncate routine is
?C: available to truncate files.
?C:.
?H:#\$d_truncate HAS_TRUNCATE /**/
?H:.
?LINT:set
d_truncate
: see if truncate exists
set truncate d_truncate
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_truncate.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_ftrncate.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_ftrncate.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:07 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_ftrncate: Inlibc
?MAKE: -pick add \$@ %<
?S:d_ftrncate (d_ftruncate):
?S: This variable conditionally defines the HAS_FTRUNCATE symbol, which
?S: indicates to the C program that the ftruncate() subroutine exists.

?S:
?C:HAS_FTRUNCATE:
?C: This symbol, if defined, indicates that the ftruncate() subroutine
?C: exists.
?C:
?H:#\$d_ftrncate
HAS_FTRUNCATE /**/
?H:
?LINT:set d_ftrncate
: see if ftruncate exists
set ftruncate d_ftrncate
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ftrncate.U

No license file was found, but licenses were detected in source scan.

```
/*
 * $Id: scandir.C,v 3.0.1.1 1994/01/24 13:58:45 ram Exp ram $
 *
 * Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
 *
 * You may redistribute only under the terms of the Artistic Licence,
 * as specified in the README file that comes with the distribution.
 * You may reuse parts of this distribution only within the terms of
 * that same Artistic Licence; a copy of which may be found at the root
 * of the source tree for dist 4.0.
 *
 * $Log: scandir.C,v $
 * Revision 3.0.1.1 1994/01/24 13:58:45 ram
 * patch16: created
 *
 */
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/scandir.C

No license file was found, but licenses were detected in source scan.

?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, 2012 Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.


```

?RCS:
?MAKE:byteorder: cat Myread Oldconfig Loc +cc +ccflags rm_try
?MAKE: -pick add $@ %<
?S:byteorder:
?S: This variable holds the byte order. In the following, larger digits
?S: indicate more significance. The variable byteorder is either 4321
?S: on a big-endian machine, or 1234 on a little-endian, or 87654321
?S: on a Cray ... or 3412 with weird order !
?S:.
?C:BYTEORDER:
?C: This symbol hold the hexadecimal constant defined in byteorder,
?C: i.e. 0x1234 or 0x4321, etc...
?C:.
?H:#define BYTEORDER 0x$byteorder /*
    large digits for MSB */
?H:.
?T:xxx_prompt
?F:!try
: check for ordering of bytes in a long
case "$byteorder" in
")
$cat <<'EOM'

```

In the following, larger digits indicate more significance. A big-endian machine like a Pyramid or a Motorola 680?0 chip will come out to 4321. A little-endian machine like a Vax or an Intel 80?86 chip would be 1234. Other machines may have weird orders like 3412. A Cray will report 87654321. If the test program works the default is probably right.

I'm now running the test program...

```

EOM
$cat >try.c <<'EOCP'
#include <stdio.h>
int main()
{
    int i;
    union {
        unsigned long l;
        char c[sizeof(long)];
    } u;

    if (sizeof(long) > 4)
        u.l = (0x08070605L << 32) | 0x04030201L;
    else
        u.l = 0x04030201L;
    for (i = 0; i < sizeof(long); i++)
        printf("%c", u.c[i]+'0');
    printf("\n");
    exit(0);

```

```

}
EOCP
xxx_prompt=y
if $cc $ccflags -o try try.c >/dev/null 2>&1 && ./try > /dev/null; then
dflt=`./try`
case "$dflt" in
[1-4][1-4][1-4][1-4]|12345678|87654321)
echo
"(The test program ran ok.)"
echo "byteorder=$dflt"
xxx_prompt=n
;;
????|????????) echo "(The test program ran ok.)" ;;
*) echo "(The test program didn't run right for some reason.)" ;;
esac
else
dflt='4321'
cat <<'EOM'
(I can't seem to compile the test program. Guessing big-endian...)
EOM
fi
case "$xxx_prompt" in
y)
rp="What is the order of bytes in a long?"
./myread
byteorder="$ans"
;;
*) byteorder=$dflt
;;
esac
;;
esac
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/byteorder.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getopt.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

?RCS:
?RCS: \$Log: d_getopt.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:13 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getopt: Inlibc
?MAKE: -pick add \$@ %<
?S:d_getopt:
?S: This variable conditionally defines the HAS_GETOPT symbol, which
?S: indicates that the getopt() routine exists. The getopt() routine
?S: parses command line options in a standard fashion.
?S:.
?C:HAS_GETOPT (GETOPT):
?C: This symbol, if defined, indicates that the getopt() routine
exists.
?C:.
?H:#\$d_getopt HAS_GETOPT /**/
?H:.
?LINT:set d_getopt
: see if getopt exists
set getopt d_getopt
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getopt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: sitelib.U,v \$
?RCS: Revision 3.0.1.1 1997/02/28 16:21:35 ram
?RCS: patch61: created
?RCS:
?MAKE:sitelib sitelibexp installsitelib: afs cat Getfile \
Oldconfig Prefixit test privlib package sed
?MAKE: -pick add \$@ %<
?Y:TOP
?S:sitelib:

?S: This variable contains the eventual value of the SITELIB symbol,
?S: which is the name of the private library for this package. It may
?S: have a ~ on the front. It is up to the makefile to eventually create
?S: this
directory while performing installation (with ~ substitution).

?S:.

?S:sitelibexp:

?S: This variable is the ~name expanded version of sitelib, so that you
?S: may use it directly in Makefiles or shell scripts.

?S:.

?S:installsitelib:

?S: This variable is really the same as sitelibexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.

?S:.

?C:SITELIB:

?C: This symbol contains the name of the private library for this package.
?C: The library is private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world. The program
?C: should be prepared to do ~ expansion.

?C: The standard distribution will put nothing in this directory.

?C: Individual sites may place their own extensions and modules in
?C: this directory.

?C:.

?C:SITELIB_EXP:

?C: This symbol contains the ~name expanded version of SITELIB, to be used
?C: in programs that are not prepared to deal with ~ expansion
at run-time.

?C:.

?H:#define SITELIB "\$sitelib" /**/

?H:#define SITELIB_EXP "\$sitelibexp" /**/

?H:.

?T:prog

: determine where site specific libraries go.

```
set sitelib sitelib
```

```
eval $prefixit
```

```
case "$sitelib" in
```

```
)
```

?X: remove any trailing -3.0 or other version indentification

```
prog=`echo $package | $sed 's/-*[0-9.]*$//`
```

```
dflt="$privlib/site_${prog}" ;;
```

```
*) dflt="$sitelib" ;;
```

```
esac
```

```
$cat <<EOM
```

The installation process will also create a directory for
site-specific extensions and modules. Some users find it convenient
to place all local files in this directory rather than in the main

distribution directory.

EOM

```
fn=d~+
rp='Pathname for the site-specific library files?'
./getfile
if $test "X$sitelibexp" != "X$sansexp"; then
  installsitelib="
fi
sitelib="$sans"
sitelibexp="$sansexp"
if $afs; then
  $cat <<EOM
```

Since you are running AFS, I need to distinguish the directory in which private files reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

EOM

```
case "$installsitelib" in
  *) dflt=`echo $sitelibexp | sed 's#^/afs/#/afs/.#` ;;
  *) dflt="$installsitelib" ;;
esac
fn=de~
rp='Where will private files be installed?'
./getfile
installsitelib="$sans"
else
  installsitelib="$sitelibexp"
fi
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sitelib.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: MailAuthor.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>

?RCS:
?RCS: \$Log: MailAuthor.U,v \$
?RCS: Revision 3.0.1.5 1997/02/28 15:04:41 ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.4 1994/08/29 16:05:09 ram
?RCS: patch32: avoid message sending if they said no previously
?RCS:
?RCS: Revision 3.0.1.3 1993/10/16 13:47:30 ram
?RCS: patch12: now makes sure user-specified address is in Internet format
?RCS:
?RCS: Revision
3.0.1.2 1993/09/13 15:48:49 ram
?RCS: patch10: reverted to original intent by the Author himself
?RCS:
?RCS: Revision 3.0.1.1 1993/08/27 14:38:38 ram
?RCS: patch7: now prompts user for its e-mail address
?RCS: patch7: no longer silent when mail has been sent
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:06 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?RCS:
?X:
?X: This unit asks the user to please send a message to the author.
?X: To force inclusion of this unit, you must add it's name to the
?X: dependancies on the MAKE line in your private copy of End.U.
?X: This allows a smart mailagent program to automatically let users know
?X: when their package is out of date, and to allow users to be notified of
?X: any future patches.
?X:
?MAKE:MailAuthor mailpatches notifypatches usermail: test cat mailer \
package Myread patchlevel baserev rm rsrc Oldconfig Configdir
?MAKE: -pick wipe \$@ %<
?S:mailpatches:
?S: Indicates whether the user would like future patches to be mailed
?S: directly
to them.
?S:.
?S:notifypatches:
?S: Indicates whether the user would like notification of future patches
?S: mailed to them.
?S:.
?S:usermail:
?S: This variable is used internally by Configure to keep track of the
?S: user e-mail address, where notifications or patches should be sent.
?S: A '-' value means the return address will be extracted by parsing
?S: the mail headers.

```

?S:.
?T:opt mailpatches notifypatches atsh status
: notify author that his package is used
if $test -f ../config/mailauthor &&
  cmp $src/patchlevel.h ../config/mailauthor >/dev/null 2>&1
then
  status="say that you're using $package";
  case "$mailpatches" in
  true) status='have patches mailed to you as they are issued';;
  esac
  case "$notifypatches" in
  true) status='be notified when new patches are issued';;
  esac
$cat <<EOM

```

You have already sent the author of \$package (<MAINTLOC>) mail to \$status. If you wish, you may modify your previous request by sending a new mail with different options.

```

EOM
rp='Should
I send a status update to <MAINTLOC>?'
dflt=n
else
$cat <<EOM

```

If you are able to send mail to the Internet, the author of \$package would really appreciate you letting me send off a quick note, just to say that you've tried it. The author is more likely to spend time maintaining \$package if it's known that many people are using it, and you can even ask to get sent new patches automagically this way if you wish. To protect your privacy, all I'll say in the mail is the version of \$package that you're using.

```

EOM
rp='Should I send mail to <MAINTLOC>?'
dflt=y
?X: Ensure default is 'n' if question has been asked already, in case they
?X: run Configure -d next time and answered 'n' the first time. Therefore,
?X: an empty nomail will be created later on even if no mail is sent.
$test -f ../config/nomail && dflt=n
fi
./myread
case "$ans" in
[yY]*)
  echo " "
  echo "Great! Your cooperation is really appreciated."
$cat <<EOM

```

Some braindead sites do not set a proper return address in the From: header of their outgoing mail, making it impossible to reply to mail they generate. If your site is broken in this way, write to your system administrator and get it fixed!!! In the mean time, you can manually specify the Internet e-mail address by which the author can get back to you, should there be a need to do so. If manually specified, it should be something like "user@domain.top". If your mail system generates addresses correctly, specify "none".

EOM

```
case "$usermail" in
'|') dflt=none;;
*) dflt="$usermail";;
esac
rp='Manually specify a return address to use:'
. ./myread
case "$ans" in
none|*@*.*)
case "$ans" in
none) usermail='-';;
*) usermail="$ans";;
esac
;;
*)
echo "(Address does not look like an Internet one -- ignoring it.)"
?X:
?X: If we can't trust their mailer or their return address, it's highly
?X: suggested that they only register and don't ask to get anything from
?X: the author, since it's likely to bounce in null-land --
RAM.
?X:
usermail='- '
mailpatches=false
notifypatches=false
;;
esac
echo " "
opt=""
rp='Would you like to have new patches automatically mailed to you?'
case "$mailpatches" in
true) dflt=y;;
*) dflt=n;;
esac
. ./myread
case "$ans" in
[yY]*) opt=' mailpatches'; mailpatches=true;;
*)
mailpatches=false
```



```

echo " "
rp='Ok, would you like to simply be notified of new patches?'
case "$notifypatches" in
false) dflt=n;;
*) dflt=y;;
esac
. ./myread
echo " "
case "$ans" in
[yY]*) opt=' notifypatches'; notifypatches=true;;
*)
echo "Fine, I'll simply say that you've tried it then."
notifypatches=false
;;
esac
;;
esac
echo "Sending mail to <MAINTLOC>..." >&4
?X: Bizarre hack here. We can't just put @SH in the hereis lines below, because
?X: metaconfig will interpret it as a command, and there's no quoting mechanism.
?X: Do it via a variable instead.
atsh='@SH'
$mailer <MAINTLOC> <<EOM >/dev/null 2>&1
Subject: Command
Precedence: junk
To: <MAINTLOC>

```

```

$atsh
package $usermail $package $baserev $patchlevel$opt
EOM
$rm -f ../config/mailauthor ../config/nomail
cp $src/patchlevel.h ../config/mailauthor
;;
*)
case "$dflt" in
"y")
echo "Oh well, maybe next time."
cp /dev/null ../config/nomail
;;
esac
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/MailAuthor.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: Copyright (c) 2016-2016, H.Merijn Brand
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_gai_strerror: Compile cat rm_try run Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_gai_strerror:
?S: This variable conditionally defines the HAS_GAI_STRERROR symbol
?S: if the gai_strerror() routine is available and can be used to
?S: translate error codes returned by getaddrinfo() into human
?S: readable strings.
?S:.
?C:HAS_GAI_STRERROR:
?C: This symbol, if defined, indicates that the gai_strerror routine
?C: is available to translate error codes returned by getaddrinfo()
?C: into human readable strings.
?C:.
?H:#$d_gai_strerror
HAS_GAI_STRERROR /**/
?H:.
?F:!try
?LINT: set d_gai_strerror
: look for gai_strerror
echo " "
$cat >try.c <<'EOCP'
#include <sys/types.h>
#include <sys/socket.h>
#include <netdb.h>
int main ()
{
    return (gai_strerror (0) ? 0 : 1);
}
EOCP
set try
?X: if $cc $ccflags $ldflags -o try try.c $libs >/dev/null 2>&1 ; then
val="$undef"
if eval $compile; then
    `run ./try`
    case "$?" in
0) echo "A working gai_strerror() found." >&4
        val="$define" ;;
*) echo "gai_strerror() found, but it doesn't work" >&4
        ;;
esac

```

```
else
  echo "gai_strerror() NOT found." >&4
fi
set d_gai_strerror
eval $setvar
$rm_try
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_gai_strerror.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2009 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_inetntop: Inlibc

?MAKE: -pick add \$@ %<

?S:d_inetntop:

?S: This variable conditionally defines the HAS_INETNTOP symbol,

?S: which indicates to the C program that the inet_ntop() function

?S: is available.

?S:.

?C:HAS_INETNTOP:

?C: This symbol, if defined, indicates that the inet_ntop() function

?C: is available to parse IPv4 and IPv6 strings.

?C:.

?H:#\$d_inetntop HAS_INETNTOP /**/

?H:.

?LINT:set d_inetntop

: see if inet_ntop exists

set inet_ntop d_inetntop

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_inetntop.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_strerror.U,v 3.0.1.1 1997/02/28 15:46:43 ram Exp \$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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```

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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_strtoul.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:46:43 ram
?RCS: patch61: created
?RCS:
?RCS:
?MAKE:d_strtoul: Inlibc cat longsize Compile run
?MAKE: -pick add $@ %<
?S:d_strtoul:
?S: This variable conditionally defines the HAS_STRTOUL symbol, which
?S: indicates to the C program that the strtoul() routine is available
?S: to provide conversion of strings to unsigned long.
?S:.
?C:HAS_STRTOUL (STRTOUL):
?C: This
symbol, if defined, indicates that the strtoul routine is
?C: available to provide conversion of strings to unsigned long.
?C:.
?H:#$d_strtoul HAS_STRTOUL /**/
?H:.
?F:!try
: see if strtoul exists
set strtoul d_strtoul
eval $inlibc

case "$d_strtoul" in
"$define")
$cat <<EOM
Checking whether your strtoul() works okay...
EOM
$cat >try.c <<'EOCP'
#include <errno.h>
#include <stdio.h>
extern unsigned long int strtoul(char *s, char **, int);
static int bad = 0;
void check(char *s, unsigned long eul, int een) {
unsigned long gul;
errno = 0;
gul = strtoul(s, 0, 10);
if (!(gul == eul) && (errno == een))
bad++;
}
int main() {
check(" 1", 1L, 0);

```

```

check(" 0", 0L, 0);
EOCP
case "$longsize" in
8)
    $cat >>try.c <<'EOCP'
check("18446744073709551615", 18446744073709551615UL, 0);
check("18446744073709551616", 18446744073709551615UL, ERANGE);
#if 0 /* strtoul() for /^-/ strings is undefined. */
check("-1", 18446744073709551615UL, 0);
check("-18446744073709551614", 2, 0);
check("-18446744073709551615",
1, 0);
check("-18446744073709551616", 18446744073709551615UL, ERANGE);
check("-18446744073709551617", 18446744073709551615UL, ERANGE);
#endif
EOCP
;;
4)
    $cat >>try.c <<'EOCP'
check("4294967295", 4294967295UL, 0);
check("4294967296", 4294967295UL, ERANGE);
#if 0 /* strtoul() for /^-/ strings is undefined. */
check("-1", 4294967295UL, 0);
check("-4294967294", 2, 0);
check("-4294967295", 1, 0);
check("-4294967296", 4294967295UL, ERANGE);
check("-4294967297", 4294967295UL, ERANGE);
#endif
EOCP
;;
*)
: Should we write these tests to be more portable by sprintf-ing
: ~0 and then manipulating that char string as input for strtol?
;;
esac
$cat >>try.c <<'EOCP'
if (!bad)
    printf("ok\n");
return 0;
}
EOCP
set try
if eval $compile; then
    case "$run ./try`" in
    ok) echo "Your strtoul() seems to be working okay." ;;
    *) cat <<EOM >&4
Your strtoul() doesn't seem to be working okay.
EOM

```

```

    d_strtoul="$undef"
    ;;
esac
else
echo
"(I can't seem to compile the test program--assuming it doesn't)"
    d_strtoul="$undef"
fi
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_strtoul.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2004 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_strlcat: Inlibc Hasproto d_gnulibc
?MAKE: -pick add $@ %<
?S:d_strlcat:
?S: This variable conditionally defines the HAS_STRLCAT symbol, which
?S: indicates to the C program that the strlcat () routine is available.
?S:.
?C:HAS_STRLCAT:
?C: This symbol, if defined, indicates that the strlcat () routine is
?C: available to do string concatenation.
?C:.
?H:#$d_strlcat HAS_STRLCAT /**/
?H:.
?T:d_strlcat_proto xx1 xx2 xx3 xx4
?LINT:set d_strlcat
: see if strlcat exists
: We need both a prototype in string.h and the symbol in libc.
echo " "
d_strlcat_proto="
xx1="#$d_gnulibc HAS_GNULIBC"
xx2="#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)'
xx3='# define _GNU_SOURCE'
xx4='#endif'
set d_strlcat_proto
strlcat literal "$xx1" literal "$xx2" literal "$xx3" literal "$xx4" define string.h
eval $hasproto

```

```

case "$d_strlcat_proto" in
  define) # see if strlcat exists
set strlcat d_strlcat
eval $inlibc
;;
  *) val=$undef
set d_strlcat
eval $setvar
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strlcat.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getservprotos.U,v \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_getservprotos : Hasproto i_netdb

?MAKE: -pick add \$@ %<

?S:d_getservprotos:

?S: This variable conditionally defines the HAS_GETSERV_PROTOS symbol,

?S: which indicates to the C program that <netdb.h> supplies

?S: prototypes for the various getserv*() functions.

?S: See also netdbtype.U for probing for various netdb types.

?S:.

?C:HAS_GETSERV_PROTOS:

?C: This symbol, if defined, indicates that <netdb.h> includes

?C: prototypes for getservent(), getservbyname(), and

?C: getservbyaddr(). Otherwise,

it is up to the program to guess

?C: them. See netdbtype.U for probing for various Netdb_xxx_t types.

?C:.

?H:#\$d_getservprotos HAS_GETSERV_PROTOS /**/

?H:.

?LINT:set d_getservprotos

: see if prototypes for various getservxxx netdb.h functions are available

echo " "

set d_getservprotos getservent \$i_netdb netdb.h

eval \$hasproto

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_getservprotos.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_fork.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_fork.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:07:38 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d_fork: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fork:

?S: This variable conditionally defines the HAS_FORK symbol, which

?S: indicates to the C program that the fork() routine is available.

?S:.

?C:HAS_FORK :

?C: This symbol, if defined, indicates that the fork routine is

?C: available.

?C:.

?H:#\$d_fork

HAS_FORK /**/

?H:.

?LINT:set d_fork

: see if fork exists

set fork d_fork

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fork.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysndir.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: i_sysndir.U,v \$
?RCS: Revision 3.0 1993/08/18 12:08:33 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_sysndir: Inhdr
?MAKE: -pick add \$@ %<
?S:i_sysndir:
?S: This variable conditionally defines the I_SYS_NDIR symbol, and indicates
?S: whether a C program should include <sys/ndir.h>.
?S:.
?C:I_SYS_NDIR (I_SYSNDIR):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/ndir.h>.
?C:.
?H:#\$i_sysndir
I_SYS_NDIR /**/
?H:.
?LINT:set i_sysndir
: see if this is an sysndir system
set sys/ndir.h i_sysndir
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysndir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: Extract.U,v \$
?RCS: Revision 3.0.1.2 1997/02/28 14:58:52 ram
?RCS: patch61: added support for src.U
?RCS:

```

?RCS: Revision 3.0.1.1 1994/10/29 15:51:46 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:52 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a shell script which can be doted in order to extract
?X: .SH files with variable substitutions.
?X:
?X: When running Configure from a remote directory ($src
is not '.'),
?X: then the files will be created in that directory, so beware!
?X:
?MAKE:Extract: Mkdirp src
?MAKE: -pick add $@ %<
?F: ./extract
?T: CONFIG SRC dir file
: script used to extract .SH files with variable substitutions
cat >extract <<EOS
CONFIG=true
SRC="$src"
EOS
cat >>extract <<'EOS'
echo "Doing variable substitutions on .SH files..."
if test -f "$SRC/MANIFEST"; then
set x `awk '{print $1}' <$SRC/MANIFEST | grep \.SH`
else
echo "(Looking for .SH files under the source directory.)"
set x `(cd "$SRC"; find . -name "*.SH" -print)`
fi
shift
case $# in
0) set x `(cd "$SRC"; echo *.SH)`; shift;;
esac
if test ! -f "$SRC/$1"; then
shift
fi
for file in $*; do
case "$SRC" in
".")
case "$file" in
*/*)
dir=`expr X$file : 'X\(.*)/'`
file=`expr X$file : 'X.*\^(.*)'`
(cd $dir && ./$file)
;;
*)

```

```

./$file
;;
esac
;;
*)
?X:
?X: When running Configure remotely ($src is not '!'), we cannot source
?X: the files directly, since that would wrongly cause
the extraction
?X: where the source lie instead of withing the current directory. Therefore,
?X: we need to 'sh <file' then, which is okay since they will source the
?X: existing config.sh file. It's not possible to use:
?X: ../src/Configure -S -O -Dsomething
?X: unfortunately since no new config.sh with the -Dsomething override
?X: will be created before running the .SH files. A minor buglet.
?X:
?X: Note that we must create the directory hierarchy ourselves if it does
?X: not exist already, and that is done through a shell emulation of the
?X: 'mkdir -p' command. We don't want to use the $installdir metaconfig
?X: symbol here since that would require too much to be configured for
?X: this simple extraction task that may happen quickly with 'Configure -S'.
?X: -- RAM, 18/03/96
?X:
case "$file" in
*/*)
dir=`expr X$file : 'X\(.*)/'`
file=`expr X$file : 'X.*\^(.*)'`
./mkdirp $dir
sh <"$SRC/$dir/$file"
;;
*)
sh <"$SRC/$file"
;;
esac
;;
esac
done
if
test -f "$SRC/config_h.SH"; then
if test ! -f config.h; then
?X: oops, they left it out of MANIFEST, probably, so do it anyway.
sh <"$SRC/config_h.SH"
fi
fi
EOS

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/Extract.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: patchlevel.U,v 3.0.1.1 1997/02/28 16:18:41 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: This file is included with or a derivative work of a file included

?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.

?RCS: In accordance with clause 7 of dist's modified Artistic License:

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: patchlevel.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:18:41 ram

?RCS: patch61: added support for src.U

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:31 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:patchlevel revision version subversion \
perl_patchlevel version_patchlevel_string \
api_revision api_version api_subversion api_versionstring: \
package test rsrc echo awk osname

perl_patchlevel version_patchlevel_string \
api_revision api_version api_subversion api_versionstring: \
package test rsrc echo awk osname

api_revision api_version api_subversion api_versionstring: \
package test rsrc echo awk osname

package test rsrc echo awk osname

?MAKE: -pick

add \$@ %<

?S:revision:

?S: The value of revision comes from the patchlevel.h file.

?S: In a version number such as 5.6.1, this is the "5".

?S: In patchlevel.h, this is referred to as "PERL_REVISION".

?S:.

?S:patchlevel:

?S: The patchlevel level of this package.

?S: The value of patchlevel comes from the patchlevel.h file.

?S: In a version number such as 5.6.1, this is the "6".

?S: In patchlevel.h, this is referred to as "PERL_VERSION".

?S:.

?S:subversion:

?S: The subversion level of this package.

?S: The value of subversion comes from the patchlevel.h file.

?S: In a version number such as 5.6.1, this is the "1".

?S: In patchlevel.h, this is referred to as "PERL_SUBVERSION".

?S: This is unique to perl.

?S:.

?S:version:

?S: The full version number of this package, such as 5.6.1 (or 5_6_1).

?S: This combines revision, patchlevel, and subversion to get the

?S: full version number, including any possible subversions.
?S: This is suitable for use as a directory name, and hence is
?S: filesystem
dependent.
?S:.
?S:api_revision:
?S: The three variables, api_revision, api_version, and
?S: api_subversion, specify the version of the oldest perl binary
?S: compatible with the present perl. In a full version string
?S: such as '5.6.1', api_revision is the '5'.
?S: Prior to 5.5.640, the format was a floating point number,
?S: like 5.00563.
?S:
?S: perl.c:incpush() and lib/lib.pm will automatically search in
?S: \$sitelib/.. for older directories back to the limit specified
?S: by these api_ variables. This is only useful if you have a
?S: perl library directory tree structured like the default one.
?S: See INSTALL for how this works. The versioned site_perl
?S: directory was introduced in 5.005, so that is the lowest
?S: possible value. The version list appropriate for the current
?S: system is determined in inc_version_list.U.
?S:
?S: XXX To do: Since compatibility can depend on compile time
?S: options (such as bincompat, longlong, etc.) it should
?S: (perhaps) be set by
Configure, but currently it isn't.
?S: Currently, we read a hard-wired value from patchlevel.h.
?S: Perhaps what we ought to do is take the hard-wired value from
?S: patchlevel.h but then modify it if the current Configure
?S: options warrant. patchlevel.h then would use an #ifdef guard.
?S:.
?S:api_version:
?S: The three variables, api_revision, api_version, and
?S: api_subversion, specify the version of the oldest perl binary
?S: compatible with the present perl. In a full version string
?S: such as '5.6.1', api_version is the '6'. See api_revision for
?S: full details. As a special case, 5.5.0 is rendered in the
?S: old-style as 5.005. (In the 5.005_0x maintenance series,
?S: this was the only versioned directory in \$sitelib.)
?S:.
?S:api_subversion:
?S: The three variables, api_revision, api_version, and
?S: api_subversion, specify the version of the oldest perl binary
?S: compatible with the present perl. In a full version string
?S: such as '5.6.1', api_subversion is the
'1'. See api_revision for
?S: full details.
?S:.

?S:api_versionstring:
 ?S: This variable combines api_revision, api_version, and
 ?S: api_subversion in a format such as 5.6.1 (or 5_6_1) suitable
 ?S: for use as a directory name. This is filesystem dependent.
 ?S:.

?S:perl_patchlevel:
 ?S: This is the Perl patch level, a numeric change identifier,
 ?S: as defined by whichever source code maintenance system
 ?S: is used to maintain the patches; currently Perforce.
 ?S: It does not correlate with the Perl version numbers or
 ?S: the maintenance versus development dichotomy except
 ?S: by also being increasing.
 ?S:.

?S:version_patchlevel_string:
 ?S: This is a string combining version, subversion and
 ?S: perl_patchlevel (if perl_patchlevel is non-zero).
 ?S: It is typically something like
 ?S: 'version 7 subversion 1' or
 ?S: 'version 7 subversion 1 patchlevel 11224'
 ?S: It is computed here to avoid duplication of code in myconfig.SH
 ?S: and lib/Config.pm.
 ?S:.

```
?LINT:extern LC_ALL
?LINT:extern LANGUAGE
:
  get the patchlevel
  echo " "
  echo "Getting the current patchlevel..." >&4
  if $test -r $src/patchlevel.h;then
    revision=`awk '/define[ ]+PERL_REVISION/ {print $3}' $src/patchlevel.h`
    patchlevel=`awk '/define[ ]+PERL_VERSION/ {print $3}' $src/patchlevel.h`
    subversion=`awk '/define[ ]+PERL_SUBVERSION/ {print $3}' $src/patchlevel.h`
    api_revision=`awk '/define[ ]+PERL_API_REVISION/ {print $3}' $src/patchlevel.h`
    api_version=`awk '/define[ ]+PERL_API_VERSION/ {print $3}' $src/patchlevel.h`
    api_subversion=`awk '/define[ ]+PERL_API_SUBVERSION/ {print $3}' $src/patchlevel.h`
    perl_patchlevel=`egrep ',(MAINT|SMOKE)[0-9][0-9]*"' $src/patchlevel.h|tail -1|sed 's/[^0-9]//g`
  else
    revision=0
    patchlevel=0
    subversion=0
    api_revision=0
    api_version=0
    api_subversion=0
    perl_patchlevel=0
    $echo "(You do not have patchlevel.h. Eek.)"
  fi
: Define a handy string here to avoid duplication in myconfig.SH and configpm.
version_patchlevel_string="version $patchlevel subversion $subversion"
```

```

case
"$perl_patchlevel" in
0|") ;;
*) perl_patchlevel=`echo $perl_patchlevel | sed 's/.*/'"
    version_patchlevel_string="$version_patchlevel_string patch $perl_patchlevel"
    ;;
esac

```

\$echo "(You have \$package \$version_patchlevel_string.)"

```

case "$osname" in
dos|vms)
: XXX Should be a Configure test for double-dots in filenames.
version=`echo $revision $patchlevel $subversion | \
    $awk '{ printf "%d_%d_%d", $1, $2, $3 }`
api_versionstring=`echo $api_revision $api_version $api_subversion | \
    $awk '{ printf "%d_%d_%d", $1, $2, $3 }`
;;
*)
version=`echo $revision $patchlevel $subversion | \
    $awk '{ printf "%d.%d.%d", $1, $2, $3 }`
api_versionstring=`echo $api_revision $api_version $api_subversion | \
    $awk '{ printf "%d.%d.%d", $1, $2, $3 }`
;;
esac
: Special case the 5.005_xx maintenance series, which used 5.005
: without any subversion label as a subdirectory in $sitelib
if test "${api_revision}${api_version}${api_subversion}" = "550"; then
    api_versionstring='5.005'
fi

```

Found

in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/patchlevel.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sfio.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_sfio.U,v \$
?RCS: Revision 3.0.1.1 1997/02/28 15:48:27 ram
?RCS: patch61: created
?RCS:
?MAKE:i_sfio: Inhdr Setvar
?MAKE: -pick add \$@ %<
?S:i_sfio:
?S: This variable conditionally defines the I_SFIO symbol,
?S: and indicates whether a C program should include <sfio.h>.
?S:.
?C:I_SFIO:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sfio.h>.
?C:.
?H:#\$i_sfio I_SFIO /**/
?H:.
?LINT:set
i_sfio
: see if sfio.h is available
set sfio.h i_sfio
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sfio.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_isnanl: Inlibc
?MAKE: -pick add \$@ %<
?S:d_isnanl:
?S: This variable conditionally defines the HAS_ISNANL symbol, which
?S: indicates to the C program that the isnanl() routine is available.
?S:.
?C:HAS_ISNANL:
?C: This symbol, if defined, indicates that the isnanl routine is
?C: available to check whether a long double is a NaN.
?C:.
?H:#\$d_isnanl HAS_ISNANL /**/
?H:.
?LINT:set d_isnanl
: see if isnanl exists


```
set isnanl d_isnanl
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isnanl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vendorman3dir.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999-2000, Andy Dougherty
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: vendorman3dir.U,v $
```

```
?RCS: Revision 1.1 1999/07/08 18:32:57 doughera
```

```
?RCS: Initial revision
```

```
?RCS:
```

```
?MAKE:vendorman3dir vendorman3direxp installvendorman3dir: man3dir Getfile \
```

```
Oldconfig Setprefixvar Prefixit test vendorprefix prefix sed
```

```
?MAKE: -pick add $@ %<
```

```
?Y:TOP
```

```
?S:vendorman3dir:
```

```
?S: This variable contains the name of the directory for man3
```

```
?S: pages. It may have a ~ on the front.
```

```
?S: The standard distribution will put nothing in this directory.
```

```
?S: Vendors
```

```
who distribute perl may wish to place their own
```

```
?S: man3 pages in this directory with
```

```
?S: MakeMaker Makefile.PL INSTALLDIRS=vendor
```

```
?S: or equivalent. See INSTALL for details.
```

```
?S:.
```

```
?S:vendorman3direxp:
```

```
?S: This variable is the ~name expanded version of vendorman3dir, so that you
```

```
?S: may use it directly in Makefiles or shell scripts.
```

```
?S:.
```

```
?D:installvendorman3dir="
```

```
?S:installvendorman3dir:
```

```
?S: This variable is really the same as vendorman3direxp but may differ on
```

```
?S: those systems using AFS. For extra portability, only this variable
```

```
?S: should be used in makefiles.
```

```
?S:.
```

```
?LINT:change prefixvar
```

```
?LINT:set installvendorman3dir
```

```

: Set the vendorman3dir variables
case "$vendorprefix" in
") vendorman3dir="
vendorman3direxp="
;;
*) : determine where vendor-supplied module manual pages go.
case "$vendorman3dir" in
") dflt=`echo "$man3dir" | $sed "s#^$prefix#$vendorprefix#" ` ;;
*) dflt=$vendorman3dir ;;
esac
case "$dflt" in
"| ") dflt=none ;;
esac
fn=nd~+
rp='Pathname
for the vendor-supplied manual section 3 pages?'
./getfile
vendorman3dir="$ans"
vendorman3direxp="$ansexp"
;;
esac
: Use ' ' for none so value is preserved next time through Configure
$test X"$vendorman3dir" = "X" && vendorman3dir=' '
prefixvar=vendorman3dir
./installprefix

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorman3dir.U

```

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2017-2018, H.Merijn Brand

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:d_accept4: Inlibc

?MAKE: -pick add \$@ %<

?S:d_accept4:

?S: This variable conditionally defines HAS_ACCEPT4 if accept4() is

?S: available to accept socket connections.

?S:.

?C:HAS_ACCEPT4:

?C: This symbol, if defined, indicates that the accept4 routine is

?C: available to accept socket connections.

```
?C:.
?H:#$d_accept4 HAS_ACCEPT4 /**/
?H:.
?LINT:set d_accept4
: see if accept4 exists
set accept4 d_accept4
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_accept4.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_casti32.U,v $
?RCS: Revision 3.0.1.3 1995/05/12 12:10:45 ram
?RCS: patch54: made sure cc and ccflags are conditional dependencies
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:09:37 ram
?RCS: patch36: declare signal handler correctly (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:07:06 ram
?RCS: patch32: created by ADO
?RCS:
?X:
?X: Can the compiler cast large floats to 32-bit integers?
?X:
?MAKE:d_casti32: cat
+cc +ccflags rm_try intsize Setvar test signal_t
?MAKE: -pick add $@ %<
?S:d_casti32:
?S: This variable conditionally defines CASTI32, which indicates
?S: whether the C compiler can cast large floats to 32-bit ints.
?S:.
?C:CASTI32:
?C: This symbol is defined if the C compiler can cast negative
?C: or large floating point numbers to 32-bit ints.
```

```

?C:.
?T:xxx yyy
?H:#$d_casti32 CASTI32 /**/
?H:.
?F:!try
?LINT:set d_casti32
: check for ability to cast large floats to 32-bit ints.
echo " "
echo 'Checking whether your C compiler can cast large floats to int32.' >&4
if $test "$intsize" -eq 4; then
  xxx=int
else
  xxx=long
fi
$cat >try.c <<EOCP
#include <sys/types.h>
#include <signal.h>
signal_t blech() { exit(3); }
int main()
{
  $xxx i32;
  double f;
  int result = 0;
  signal(SIGFPE, blech);

  f = (double) 0x7fffffff;
  f = 10 * f;
  i32 = ($xxx) f;

  if (i32 != ($xxx) f)
    result |= 1;
  exit(result);
}
EOCP
if $cc $ccflags -o try try.c >/dev/null 2>&1; then
  ./try
  yyy=$?
else
  echo "(I can't
  seem to compile the test program--assuming it can't)"
  yyy=1
fi
case "$yyy" in
0) val="$define"
  echo "Yup, it can."
  ;;
*) val="$undef"
  echo "Nope, it can't."

```

```
;;
esac
set d_casti32
eval $setvar
$rm_try
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_casti32.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Extractall.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: Extractall.U,v $
```

```
?RCS: Revision 3.0.1.1 1997/02/28 15:00:43 ram
```

```
?RCS: patch61: created
```

```
?RCS:
```

```
?X:
```

```
?X: If extraction has been requested, load the configuration file, perform
```

```
?X: the extraction and exit.
```

```
?X:
```

```
?X: This unit was originally a part of Options.U. It had to be removed from
```

```
?X: it to prevent a dependency cycle: Extract -> src -> Options -> Extract
```

```
?X: The Begin.U unit now requires us before beginning to do anything
```

```
?X: interesting, to ensure
```

```
proper semantics. -- RAM, 15/03/96
```

```
?X:
```

```
?MAKE:Extractall: Extract Options
```

```
?MAKE: -pick wipe $@ %<
```

```
: extract files and exit if asked to do so
```

```
case "$extractsh" in
```

```
true)
```

```
?X: Undo the forced silent=true when -S was supplied, by probing realsilent
```

```
?X: which was set iff -s was also given. See Options.U for details.
```

```
case "$realsilent" in
```

```
true) ;;
```

```
*) exec 1>&4;;
```

```
esac
```

```
case "$config_sh" in
```

```
") config_sh='config.sh';;
```

```

esac
echo " "
echo "Fetching answers from $config_sh..."
cd ..
. $config_sh
?X: extract has to be run from the top directory, not within UU.
. UU/optdef.sh
echo " "
?X: extract has to be run from the top directory, not within UU.
. UU/extract
rm -rf UU
echo "Extraction done."
exit 0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Extractall.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setgrps.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setgrps.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:08 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setgrps: Inlibc
?MAKE: -pick add $@ %<
?S:d_setgrps:
?S: This variable conditionally defines the HAS_SETGROUPS symbol, which
?S: indicates to the C program that the setgroups() routine is available
?S: to set the list of process groups.
?S:.
?C:HAS_SETGROUPS:
?C: This symbol, if defined, indicates that the setgroups() routine is
?C: available
?C: to set the list of process groups. If unavailable, multiple
?C: groups are probably not supported.
?C:.

```

?H:#\$d_setgrps HAS_SETGROUPS /**/

?H:.

?LINT:set d_setgrps

: see if setgroups exists

set setgroups d_setgrps

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setgrps.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_SHM_MAC.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_SHM_MAC.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:41 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_SHM_MAC d_SHM_PRM d_SHM_SEG d_SHM_IMMU: cat d_shm test rm +cc +ccflags

?MAKE: -pick add \$@ %<

?S:d_SHM_MAC:

?S: Sometimes, the SHMLBA manifest needs sys/sysmacros.h, usually for

?S: the ctob() macro.

?S:.

?S:d_SHM_PRM:

?S: Sometimes, the SHMLBA manifest needs sys/param.h, usually for the

?S: NBPC constant.

?S:.

?S:d_SHM_SEG:

?S: Sometimes,
the SHMLBA manifest needs sys/seg.h, usually for the

?S: SNUMSHFT constant.

?S:.

?S:d_SHM_IMMU:

?S: Sometimes, the SHMLBA manifest needs sys/immu.h, usually for the

?S: stob() macro.

?S:.

?C:SHMLBA_WANTS_SYSMACROS:

?C: This value tells us to include <sys/sysmacros.h> because SHMLBA

?C: needs something from there, probably the ctob() macro.

```

?C:.
?C:SHMLBA_WANTS_PARAM:
?C: This value tells us to include <sys/param.h> because SHMLBA needs
?C: something from there, probably the NBPC constant.
?C:.
?C:SHMLBA_WANTS_SEG:
?C: This value tells us to include <sys/seg.h> because SHMLBA needs
?C: something from there, probably the SNUMSHFT constant.
?C:.
?C:SHMLBA_WANTS_IMMU:
?C: This value tells us to include <sys/immu.h> because SHMLBA needs
?C: something from there, probably the stob() macro. (tower_600 only?)
?C:.
?H:#$d_SHM_MAC SHMLBA_WANTS_SYSMACROS /* SHMLBA wants ctob()? */
?H:#$d_SHM_PRM SHMLBA_WANTS_PARAM /* SHMLBA wants NBPC? */
?H:#$d_SHM_SEG SHMLBA_WANTS_SEG /* SHMLBA wants
SNUMSHFT? */
?H:#$d_SHM_IMMU SHMLBA_WANTS_IMMU /* SHMLBA wants stob()? */
?H:.
?T:flags D_sys_immu D_sys_seg D_sys_sysmacros D_sys_param
: check for SHMLBA braindamage
d_SHM_MAC="$undef"
d_SHM_PRM="$undef"
d_SHM_SEG="$undef"
d_SHM_IMMU="$undef"
if $test "$d_shm" = "$define" ; then
echo " "
$cat >&4 <<EOM
Checking to see if SHMLBA needs additional headers.
The headers I'll be checking are:

```

```

    sys/macros.h (for the ctob() macro)
    sys/param.h (for NBPC)
    sys/seg.h (for SNUMSHFT)
    sys/immu.h (for the stob() macro)

```

EOM

```

$cat >shm_mac.c <<'EOCP'
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/shm.h>
#ifdef I_SYS_IMMU
#include <sys/immu.h>
#endif
#ifdef I_SYS_SYSMACROS
#include <sys/sysmacros.h>
#endif
#ifdef I_SYS_PARAM

```



```

#include <sys/param.h>
#endif
#ifdef I_SYS_SEG
#include <sys/seg.h>
#endif

int main() {
int foo = SHMLBA ;
}
EOCP
flags='xxx'
for D_sys_immu in "'-DI_SYS_IMMU'; do
for D_sys_seg in "'-DI_SYS_SEG'; do
for D_sys_sysmacros in "'-DI_SYS_SYSMACROS';
do
for D_sys_param in "'-DI_SYS_PARAM'; do
case "$flags" in
'xxx')
case "$D_sys_immu$D_sys_param$D_sys_sysmacros$D_sys_seg" in
")
echo "Trying it normally..."
;;
*)
echo "Trying $D_sys_immu $D_sys_param $D_sys_sysmacros $D_sys_seg"
;;
esac
if $cc $ccflags \
$D_sys_immu $D_sys_param $D_sys_sysmacros $D_sys_seg \
-o shm_mac shm_mac.c >/dev/null 2>&1 ; then
set X $D_sys_immu $D_sys_param $D_sys_sysmacros $D_sys_seg
shift
flags="$*"
echo "Succeeded with $flags"
fi
;;
esac
done
done
done
done
done
case "$flags" in
xxx)
echo "I don't know how to keep SHMLBA happy. Good luck!"
;;
esac
case "$flags" in
*_I_SYS_PARAM*) d_SHM_PRM="$define";;
esac

```

```

case "$flags" in
*_I_SYS_SYSMACROS*) d_SHM_MAC="$define";;
esac
case "$flags" in
*_I_SYS_SEG*) d_SHM_SEG="$define";;
esac
case "$flags" in
*_I_SYS_IMMU*) d_SHM_IMMU="$define";;
esac
fi
$rm -f shm_mac*

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_SHM_MAC.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_stdbool.U,v \$

?RCS:

?RCS: Copyright (c) 2011 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_stdbool: cat Compile rm_try Setvar

?MAKE: -pick add \$@ %<

?S:i_stdbool:

?S: This variable conditionally defines the I_STDBOOL symbol, which

?S: indicates to the C program that <stdbool.h> exists and should

?S: be included.

?S:.

?C:I_STDBOOL:

?C: This symbol, if defined, indicates that <stdbool.h> exists and

?C: can be included.

?C:.

?H:#\$i_stdbool I_STDBOOL /**/

?H:.

?LINT:set i_stdbool

: see if stdbool is available

: we want a real compile instead of Inhdr because some Solaris systems

: have stdbool.h, but it can only be used if the compiler indicates it

: is sufficiently c99-compliant.

echo " "

\$cat >try.c <<EOCP

#include <stdio.h>

#include <stdbool.h>

int func(bool x)

{

```

    return
    x ? 1 : 0;
}
int main(int argc, char **argv)
{
    return func(0);
}

```

EOCP

```

set try
if eval $compile; then
echo "<stdbool.h> found." >&4
val="$define"
else
echo "<stdbool.h> NOT found." >&4
val="$undef"
fi
$rm_try
set i_stdbool
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_stdbool.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_setgrent.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: d_setgrent.U,v \$

?RCS:

?MAKE:d_setgrent: Inlibc

?MAKE: -pick add \$@ %<

?S:d_setgrent:

?S: This variable conditionally defines the HAS_SETGRENT symbol, which

?S: indicates to the C program that the setgrent() routine is available

?S: for initializing sequential access to the group database.

?S:.

?C:HAS_SETGRENT:

?C: This symbol, if defined, indicates that the setgrent routine is

?C: available for initializing sequential access of the group database.

?C:.

?H:#\$d_setgrent HAS_SETGRENT /**/

?H:.

?LINT:set d_setgrent

```
: see if setgrent exists
set setgrent d_setgrent
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setgrent.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_pwritev.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
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?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_pwritev.U,v $
```

```
?RCS:
```

```
?MAKE:d_pwritev: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_pwritev:
```

```
?S: This variable conditionally defines the HAS_PWRITEV symbol, which
```

```
?S: indicates to the C program that the pwritev() routine is available.
```

```
?S:.
```

```
?C:HAS_PWRITEV :
```

```
?C: This symbol, if defined, indicates that the pwritev routine is
```

```
?C: available to perform vectored writes on a file descriptor at a
```

```
?C: given offset.
```

```
?C:.
```

```
?H:#$d_pwritev HAS_PWRITEV /**/
```

```
?H:.
```

```
?LINT:set
```

```
  d_pwritev
```

```
: see if pwritev exists
```

```
set pwritev d_pwritev
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pwritev.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```

?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: charsize.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:07:13 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:34 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:charsize: Assert Myread cat rm_try +cc +ccflags echo n c
?MAKE: -pick add $@ %<
?S:charsize:
?S: This variable contains the value of the CHARSIZE symbol, which
?S: indicates to the C program how many bytes there are in a character.
?S:.
?C:CHARSIZE:
?C: This symbol contains
the size of a char, so that the C preprocessor
?C: can make decisions based on it.
?C:.
?H:#define CHARSIZE $charsize
?H:.
?T:size s
: check for length of character
echo " "
$echo $n "Checking to see how big your characters are...$c" >&4
for size in 1 2 4 8 error; do
$cat >try.c <<EOCP
#include "static_assert.h"
char foo;
int main()
{
STATIC_ASSERT($size == sizeof(foo));
return 0;
}
EOCP
if $cc -c $ccflags try.c >/dev/null 2>&1; then break; fi
done
case "$size" in
error)
echo " cannot compute it." >&4
dflt=1
rp="What is the size of a character (in bytes)?"

```

```

./myread
charsize="$ans"
;;
*)
case "$size" in
1) s="";;
*) s='s';;
esac
echo " $size byte$s." >&4
charsize=$size
;;
esac
$rm_try

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/charsize.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_execinfo.U 34 2010-11-27 11:55:39Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 2011, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?MAKE:i_execinfo: Inhdr
```

```
?MAKE:-pick add $@ %<
```

```
?S:i_execinfo:
```

```
?S: This variable conditionally defines the I_EXECINFO symbol, and indicates
```

```
?S: whether a C program may include <execinfo.h>, for backtrace() support.
```

```
?S:.
```

```
?C:I_EXECINFO:
```

```
?C: This symbol, if defined, indicates to the C program that it should
```

```
?C: include <execinfo.h> for backtrace() support.
```

```
?C:.
```

```
?H:#$i_execinfo I_EXECINFO /**/
```

```
?H:.
```

```
?LINT:set i_execinfo
```

```
: see if this is an execinfo.h system
```

```
set execinfo.h i_execinfo
```

```
eval
```

```
$inhdr
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_execinfo.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_volatile.U,v \$

?RCS: Revision 3.0.1.2 1995/07/25 14:08:49 ram

?RCS: patch56: made cc and ccflags optional dependencies

?RCS:

?RCS: Revision 3.0.1.1 1993/09/09 11:49:51 ram

?RCS: patch9: volatile definition was swapped over with undef

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:57 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_volatile: cat +cc +ccflags rm_try Setvar

?MAKE: -pick add \$@ %<

?S:d_volatile:

?S: This variable conditionally defines the HASVOLATILE symbol, which

?S: indicates

to the C program that this C compiler knows about the

?S: volatile declaration.

?S:.

?C:HASVOLATILE ~ %<:

?C: This symbol, if defined, indicates that this C compiler knows about

?C: the volatile declaration.

?C:.

?H:%<:#\$d_volatile HASVOLATILE /**/

?H:%<:#ifndef HASVOLATILE

?H:%<:#define volatile

?H:%<:#endif

?H:.

?W:%<:volatile

?LINT:set d_volatile

?LINT:known volatile

: check for volatile keyword

echo " "

echo 'Checking to see if your C compiler knows about "volatile"...' >&4

\$cat >try.c <<'EOCP'

```
int main()
{
?X:
?X: The following seven lines added by Bill Campbell <billc@sierra.com>
?X: detect that MIPS compilers do not handle volatile in all situations.
?X:
```

```
typedef struct _goo_struct goo_struct;
goo_struct * volatile goo = ((goo_struct *)0);
struct _goo_struct {
    long long_int;
    int reg_int;
    char char_var;
};
typedef unsigned short foo_t;
char *volatile foo;
volatile int bar;
volatile foo_t blech;
foo = foo;
}
```

EOCP

```
if $cc -c $ccflags try.c >/dev/null
2>&1 ; then
val="$define"
echo "Yup, it does."
else
val="$undef"
echo "Nope, it doesn't."
fi
set d_volatile
eval $setvar
$rm_try
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_volatile.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:uselongdouble: Myread Oldconfig Setvar cat test usemorebits

?MAKE: -pick add \$@ %<

?Y:TOP

?S:uselongdouble:


```

?S: This variable conditionally defines the USE_LONG_DOUBLE symbol,
?S: and indicates that long doubles should be used when available.
?S:.
?C:USE_LONG_DOUBLE:
?C: This symbol, if defined, indicates that long doubles should
?C: be used when available.
?C:.
?H:%<:#ifndef USE_LONG_DOUBLE
?H:%<:#$uselongdouble USE_LONG_DOUBLE /**/
?H:%<:#endif
?H:.
?LINT:extern ccflags
?LINT:use usemorebits
?F:!uselongdouble.cbu
: Check for uselongdouble support
case "$ccflags" in
*-DUSE_LONG_DOUBLE*|*-DUSE_MORE_BITS*) uselongdouble="$define" ;;
esac

case "$uselongdouble" in
$define|true|[yY]*) dflt='y';;
*)
dflt='n';;
esac
cat <<EOM

```

Perl can be built to take advantage of long doubles which (if available) may give more accuracy and range for floating point numbers.

If this doesn't make any sense to you, just accept the default '\$dflt'.

```

EOM
rp="Try to use long doubles if available?"
./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef" ;;
esac
set uselongdouble
eval $setvar

case "$uselongdouble" in
true|[yY]*) uselongdouble="$define" ;;
esac

```

```

: Look for a hint-file generated 'call-back-unit'. If the
: user has specified that long doubles should be used,
: we may need to set or change some other defaults.
if $test -f uselongdouble.cbu; then

```

```

    echo "Your platform has some specific hints regarding long doubles, using them..."
    ./uselongdouble.cbu
else
    case "$uselongdouble" in
$define)
    $cat <<EOM
(Your platform does not have any specific hints for long doubles.)
EOM
    ;;
    esac
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/uselongdbl.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: manfmt.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: manfmt.U,v $
?RCS: Revision 3.0.1.5 1997/02/28 16:11:57 ram
?RCS: patch61: don't ask for AFS when they choose to not install pages
?RCS:
?RCS: Revision 3.0.1.4 1995/09/25 09:16:52 ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.3 1995/01/30 14:39:20 ram
?RCS: patch49: new installmanfmt and AFS-lookup for formatted man pages
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS:
Revision 3.0.1.2 1994/08/29 16:30:31 ram
?RCS: patch32: now uses installation prefix for default setting
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:09:22 ram
?RCS: patch10: allows for L1 man page extension (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:13 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:

```

```

?MAKE:manfmt manfmtexp installmanfmt: Getfile Loc Oldconfig cat manext \
  spackage Prefixit prefixexp Prefixup afs test
?MAKE: -pick add $@ %<
?Y:TOP
?S:manfmt:
?S: This variable contains the name of the directory in which formatted
?S: manual pages are to be put. It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command. Note
?S: that you may have to do ~name substitution. Use manfmtexp otherwise.
?S:.
?S:manfmtexp:
?S: This is the same as the manfmt variable, but is filename expanded
?S: at configuration time, for programs not willing to deal with it at
?S: run-time.
?S:.
?S:installmanfmt:
?S: This variable is really
  the same as manfmtexp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: mansrcexp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?LINT:change manext
?T:lookpath
: determine where manual pages go
set manfmt manfmt
eval $prefixit
$cat <<EOM

```

\$spackage has pre-formatted manual pages. If you don't want these installed, answer 'none' to the next question.

```

EOM
case "$manfmt" in
")
  lookpath="$prefixexp/catman/man1 $prefixexp/man/cat1"
  lookpath="$lookpath $prefixexp/catman/u_man/man1"
  lookpath="$lookpath $prefixexp/catman/l_man/man1"
  lookpath="$lookpath $prefixexp/catman/cat1 /usr/catman/local/man1"
  lookpath="$lookpath /usr/catman/man1 /usr/man/cat1"
  lookpath="$lookpath /usr/catman/mann /usr/catman/l_man/man1"
  lookpath="$lookpath /usr/catman/u_man/man1 /usr/catman/man1"
  dflt=`./loc . none $lookpath`
  set dflt
  eval $prefixup
  ;;
*) dflt="$manfmt"
  ;;

```

```

esac
fn=dn~
rp='Where
do pre-formatted manual pages go?'
./getfile
if test "X$manfmtexp" != "X$ansexp"; then
installmanfmt="
fi
manfmt="$ans"
manfmtexp="$ansexp"
if $afs && $test "$manfmt"; then
$cat <<EOM

```

Since you are running AFS, I need to distinguish the directory in which manual pages reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```

EOM
case "$installmanfmt" in
") dflt=`echo $manfmtexp | sed 's#^/afs/#/afs/#^`;;
*) dflt="$installmanfmt";;
esac
fn=de~
rp='Where will pre-formatted man pages be installed?'
./getfile
installmanfmt="$ans"
else
installmanfmt="$manfmtexp"
fi

```

```

case "$manfmt" in
") manext='0';;
*l) manext=l;;
*n) manext=n;;
*o) manext=l;;
*p) manext=n;;
*C) manext=C;;
*L) manext=L;;
*L1) manext=L1;;
*) manext=1;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/manfmt.U

```

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?RCS: Copyright (c) 2011, H.Merijn Brand & Tony Cook

?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:st_ino_size st_ino_sign: cat echo i_stdlib Setvar Compile run rm_try
?MAKE: -pick add \$@ %<
?S:st_ino_sign:
?S: This variable contains the signedness of struct stat's st_ino.
?S: 1 for unsigned, -1 for signed.
?S:.
?S:st_ino_size:
?S: This variable contains the size of struct stat's st_ino in bytes.
?S:.
?C:ST_INO_SIZE:
?C: This variable contains the size of struct stat's st_ino in bytes.
?C:.
?C:ST_INO_SIGN:
?C: This symbol holds the signedness of struct stat's st_ino.
?C: 1 for unsigned, -1 for signed.
?C:.
?H:#define ST_INO_SIGN
\$st_ino_sign /* st_ino sign */
?H:#define ST_INO_SIZE \$st_ino_size /* st_ino size */
?H:.
?F:!try
: Check the size of st_ino
\$echo " "
\$echo "Checking the size of st_ino..." >&4
\$cat > try.c <<EOCP
#include <sys/stat.h>
#include <stdio.h>
#\$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main() {
 struct stat st;
 printf("%d\n", (int)sizeof(st.st_ino));
 exit(0);
}
EOCP
set try
if eval \$compile_ok; then
 val=`\$run ./try`
 case "\$val" in

```

") st_ino_size=4
$echo "(I can't execute the test program--guessing $st_ino_size.)" >&4
;;
*) st_ino_size=$val
$echo "Your st_ino is $st_ino_size bytes long."
;;
esac
else
st_ino_size=4
$echo "(I can't compile the test program--guessing $st_ino_size.)" >&4
fi
$rm_try

```

: Check if st_ino is signed

```

$echo " "
$echo "Checking the sign of st_ino..." >&4
$cat > try.c <<EOCP
#include <sys/stat.h>
#include <stdio.h>
int main() {
struct stat foo;
foo.st_ino = -1;
if (foo.st_ino < 0)
printf("-1\n");
else
printf("1\n");
}
EOCP
set
try
if eval $compile; then
val=`$run ./try`
case "$val" in
") st_ino_sign=1
$echo "(I can't execute the test program--guessing unsigned.)" >&4
;;
*) st_ino_sign=$val
case "$st_ino_sign" in
1) $echo "Your st_ino is unsigned." ;;
-1) $echo "Your st_ino is signed." ;;
esac
;;
esac
else
st_ino_sign=1
$echo "(I can't compile the test program--guessing unsigned.)" >&4
fi
$rm_try

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/st_ino_def.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_nexttoward: Inlibc

?MAKE: -pick add \$@ %<

?S:d_nexttoward:

?S: This variable conditionally defines HAS_NEXTTOWARD if nexttoward()

?S: is available to return the next machine representable long double from

?S: x in direction y.

?S:.

?C:HAS_NEXTTOWARD:

?C: This symbol, if defined, indicates that the nexttoward routine is

?C: available to return the next machine representable long double from

?C: x in direction y.

?C:.

?H:#\$d_nexttoward HAS_NEXTTOWARD /**/

?H:.

?LINT:set d_nexttoward

: see if nexttoward exists

set nexttoward d_nexttoward

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nexttoward.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_const.U,v \$

?RCS: Revision 3.0.1.1 1993/11/10 17:33:41 ram

?RCS: patch14: stronger const check with added typedef for MIPS cc

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:51 ram

```

?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_const: cat rm cc ccflags Setvar
?MAKE: -pick add $@ %<
?S:d_const:
?S: This variable conditionally defines the HASCONST symbol, which
?S: indicates to the C program that this C compiler knows about the
?S: const type.
?S:.
?C:HASCONST ~ %<:
?C: This symbol,
if defined, indicates that this C compiler knows about
?C: the const type. There is no need to actually test for that symbol
?C: within your programs. The mere use of the "const" keyword will
?C: trigger the necessary tests.
?C:.
?H:?%<:#$d_const HASCONST /**/
?H:?%<:#ifndef HASCONST
?H:?%<:#define const
?H:?%<:#endif
?H:.
?W:%<:const
?F:const.c const.o
?LINT:set d_const
?LINT:known const
: check for const keyword
echo " "
echo 'Checking to see if your C compiler knows about "const"...'>&4
$cat >const.c <<'EOCP'
?X: mmc@bruce.cs.monash.edu.au reports that:
?X: The MIPS cc compiler (V2.10) on a dec 5000 running Ultrix 4.2A
?X: pretends to understand `const' but doesn't - it'll also fail to
?X: handle typedefs properly if they're declared const. To guard
?X: against this, boost up the test by using an explicit typedef...
typedef struct spug { int drokk; } spug;
int main()
{
const char *foo;
const spug y;
}
EOCP
if $cc -c $ccflags const.c >/dev/null 2>&1 ; then
val="$define"
echo "Yup,
it does."
else
val="$undef"
echo "Nope, it doesn't."

```



```
fi
set d_const
eval $setvar
$rm -f const.c const.o
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_const.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: cppfilecom.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>
```

```
?RCS:
```

```
?RCS: $Log: cppfilecom.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:05:37 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:cppfilecom cppstdinflags d_cppignhdrs d_cppcanstdin: \  
contains package test Myread Oldconfig Loc Setvar cpp cc cat rm
```

```
?MAKE: -pick add $@ %<
```

```
?S:cppfilecom:
```

```
?S: This variable contains the first part of the string which will invoke
```

```
?S: the C preprocessor a file
```

```
and produce to standard output, preserving
```

```
?S: comments. Typical value of "cc -E -C" or "/lib/cpp -C".
```

```
?S:.
```

```
?S:cppstdinflags:
```

```
?S: This variable contains any flags necessary to get cppfilecom to read
```

```
?S: from the standard input.
```

```
?S:.
```

```
?S:d_cppignhdrs:
```

```
?S: This symbol conditionally defines CPP_IGN_HDRS if CPP_FILE_COM ignores
```

```
?S: *.h files.
```

```
?S:.
```

```
?S:d_cppcanstdin:
```

```
?S: This symbol conditionally defines CPP_CAN_STDIN if CPP_FILE_COM can
```

```
?S: read standard input directly.
```

```
?S:.
```

```
?C:CPP_FILE_COM (CPPFILECOM):
```

```

?C: This symbol contains the first part of the string which will invoke
?C: the C preprocessor a file and produce to standard output, preserving
?C: comments. Typical value of "cc -E -C" or "/lib/cpp -C".
?C:.
?C:CPP_STDIN_FLAGS (CPPSTDINFLAGS):
?C: This variable contains any flags necessary to get CPP_FILE_COM to
?C: read from the standard input.
?C:.
?C:CPP_IGN_HDRS (CPPIGNHDRS):
?C: This symbol is defined if CPP_FILE_COM ignores *.h files.
?C:.
?C:CPP_CAN_STDIN (CPPCANSTDIN):
?C: This
symbol is defined if CPP_FILE_COM can read standard input
?C: directly.
?C:.
?H:#define CPP_FILE_COM "$cppfilecom"
?H:#define CPP_STDIN_FLAGS "$cppstdinflags"
?H:#$d_cppignhdrs CPP_IGN_HDRS /* does CPP ignore .h files? */
?H:#$d_cppcanstdin CPP_CAN_STDIN /* can CPP read stdin directly? */
?H:.
?T:cont
?F:!testcpp.c !testcpp.h !testcpp.out
?LINT:set d_cppcanstdin d_cppignhdrs
?LINT:usefile testcpp.c testcpp.out
: see how we invoke the C preprocessor
$cat <<EOM

```

\$package needs to be able to preprocess its input files in a mode which preserves comments, which is often not the default behaviour. It should run the C preprocessor you will use when compiling your own source code, which should be ISO/ANSI C compliant if you want \$package to handle the latest standard C. I will try to guess, but I might guess wrongly because it is not necessarily the same preprocessor used to build \$package.

```

EOM
$cat <<'EOT' >testcpp.c
#define ABC abc
#define XYZ xyz
ABC.XYZ
/* comment */
EOT
:
if $test "X$cppfilecom"
!= "X" && \
$cppfilecom testcpp.c </dev/null >testcpp.out 2>/dev/null && \
$contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
$contains comment testcpp.out >/dev/null 2>&1

```

```

then
  echo "You used to use $cppfilecom so we'll use that again."
  elif echo 'Maybe "'$cc' -E -C" will work...' && \
  $cc -E -C testcpp.c </dev/null >testcpp.out 2>/dev/null && \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
  $contains comment testcpp.out >/dev/null 2>&1
then
  echo "It works!"
  cppfilecom="$cc -E -C"
  elif echo 'Nope...maybe ""'$cc'" -P -C" will work...' && \
  $cc -P -C testcpp.c </dev/null >testcpp.out 2>/dev/null && \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
  $contains comment testcpp.out >/dev/null 2>&1
then
  echo "Yup, that does."
  cppfilecom="$cc -P -C"
  elif echo 'No such luck, maybe ""'$cpp'" -C" will work...' && \
  $cpp -C testcpp.c </dev/null >testcpp.out 2>/dev/null && \
  $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
  $contains comment testcpp.out
  >/dev/null 2>&1
then
  echo "Yup, it does."
  cppfilecom="$cpp -C"
else
  cppfilecom="
  $cat <<'EOM'
I can't find a C preprocessor that will preserve comments. Please name one.
EOM
fi
:
dflt="$cppfilecom"
cont=true
while $test "$scont" ; do
  echo " "
  rp="How should $package run your preprocessor preserving comments?"
  . ./myread
  cppfilecom="$ans"
  $cppfilecom testcpp.c >testcpp.out 2>&1
  if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
  $contains comment testcpp.out >/dev/null 2>&1
  then
    echo "OK, that will do."
    cont="
  else
    echo "Sorry, I can't get that to work."
  fi
done

```

```

@if CPP_IGN_HDRS || d_cppignhdrs
: Now see if it ignores header files.
cp testcpp.c testcpp.h
$cppfilecom testcpp.h >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
$contains comment testcpp.out >/dev/null 2>&1
then
echo "Terrific; it processes .h files passed on the command line too."
val="$undef"
else
echo "It ignores .h files on the command line; pity."
val="$define"
fi
set
d_cppignhdrs
eval $setvar

@end
@if CPP_STDIN_FLAGS || CPP_CAN_STDIN || cppstdinflags || d_cppcanstdin
: Now see how to send stdin to it.
echo " "
cp testcpp.c testcpp.h
$cppfilecom <testcpp.h >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
$contains comment testcpp.out >/dev/null 2>&1
then
echo "Great; and it will read stdin if passed no arguments."
val="$define"
cppstdinflags=""
else
$cppfilecom - <testcpp.h >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
$contains comment testcpp.out >/dev/null 2>&1
then
echo "Great; and it can read stdin by passing it '-!'"
val="$define"
cppstdinflags='-!'
else
$cat <<FOO
Unfortunately, I can't find an easy way to get that preprocessor to read from
standard input. Do you know any flags I can pass it to get it to do so?
If that preprocessor can't read directly form standard input, answer 'none'.

FOO
val='dunno'
while $test "$val" = "dunno"; do
rp='Flags to get preprocessor

```

```

to read stdin?'
dflt='none'
. ./myread
if $test $ans = 'none'; then
echo "Oh well, if $package wants it done, it will do it for itself."
val="$undef"
else
$cpfilecom $ans <testcpp.h >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
$contains comment testcpp.out >/dev/null 2>&1
then
echo "Good; that works fine."
val="$define"
cppstdinflags="$ans"
else
echo "Sorry, I couldn't get that to work."
fi
fi
done
fi
fi
set d_cppcanstdin
eval $setvar

```

```

@end
: cleanup cpp test files anyway
$rm -f testcpp.*

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cppfilecom.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_lchown.U,v 3.0.1.1 1994/08/29 16:07:14 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_lchown.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:07:14 ram
?RCS: patch32: created by ADO

```

```

?RCS:
?MAKE:d_lchown: Compile Setvar cat echo
?MAKE: -pick add $@ %<
?S:d_lchown:
?S: This variable conditionally defines the HAS_LCHOWN symbol, which
?S: indicates to the C program that the lchown() routine is available
?S: to operate on a symbolic link (instead of following the link).
?S:.
?C:HAS_LCHOWN
:
?C: This symbol, if defined, indicates that the lchown routine is
?C: available to operate on a symbolic link (instead of following the
?C: link).
?C:.
?H:#$d_lchown HAS_LCHOWN /**/
?H:.
?LINT:set d_lchown
: see if lchown exists
echo " "
?X: Some functions (such as lchown()) are present in libc, but are
?X: unimplemented. That is, they always fail and set errno=ENOSYS.
?X:
?X: Thomas Bushnell provided the following sample code and the explanation
?X: that follows.
?X:
?X: The choice of <assert.h> is essentially arbitrary. The GNU libc
?X: macros are found in <gnu/stubs.h>. You can include that file instead
?X: of <assert.h> (which itself includes <gnu/stubs.h>) if you test for
?X: its existence first. <assert.h> is assumed to exist on every system,
?X: which is why it's used here. Any GNU libc header file will include
?X: the stubs macros. If either __stub_NAME or __stub__NAME is defined,
?X: then the function doesn't actually exist. Tests using <assert.h>
work
?X: on every system around.
?X:
?X: The declaration of FOO is there to override builtin prototypes for
?X: ANSI C functions.
?X:
?X: I really ought to enhance the inlibc test to check for this, but
?X: I don't have time now. --A.D. 5/1998
?X:
$cat > try.c <<'EOCP'
/* System header to define __stub macros and hopefully few prototypes,
   which can conflict with char lchown(); below. */
#include <assert.h>
/* Override any gcc2 internal prototype to avoid an error. */
/* We use char because int might match the return type of a gcc2
   builtin and then its argument prototype would still apply. */

```

```

char lchown();
int main() {
    /* The GNU C library defines this for functions which it implements
       to always fail with ENOSYS. Some functions are actually named
       something starting with __ and the normal name is an alias. */
    #if defined (__stub_lchown) || defined (__stub___lchown)
        choke me
    #else
        lchown();
    #endif
    ; return 0; }
EOCP
set try
if eval $compile; then
    $echo
    "lchown() found." >&4
    val="$define"
else
    $echo "lchown() NOT found." >&4
    val="$undef"
fi
set d_lchown
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/compline/d_lchown.U

```

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_mbrtowc: Inlibc

?MAKE: -pick add \$@ %<

?S:d_mbrtowc:

?S: This variable conditionally defines the HAS_MBRTOWC symbol if the

?S: mbrtowc() routine is available to be used to convert a multi-byte

?S: character into a wide character.

?S:.

?C:HAS_MBRTOWC:

?C: This symbol, if defined, indicates that the mbrtowc routine is

?C: available to convert a multi-byte character into a wide character.

?C:.

?H:#\$d_mbrtowc HAS_MBRTOWC /**/

?H:.

?LINT: set d_mbrtowc

: see if mbrtowc exists

set mbrtowc d_mbrtowc

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_mbrtowc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_stdstdio.U,v 3.0.1.3 1997/02/28 15:46:32 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: Original Author: Tye McQueen <tye@metronet.com>

?RCS:

?RCS: \$Log: d_stdstdio.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:46:32 ram

?RCS: patch61: merged with perl5's unit

?RCS:

?RCS: Revision 3.0.1.2 1995/07/25 14:06:54 ram

?RCS: patch56: typo fix on ?C: line for FILE_bufsiz

?RCS: patch56: fixed unbalanced parenthesis (ADO)

?RCS: patch56: check whether FILE_cnt and FILE_ptr can be assigned to (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1995/05/12 12:12:11 ram

?RCS:

patch54: complete rewrite by Tye McQueen to fit modern systems

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:31 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_stdstdio d_stdibase stdio_ptr stdio_cnt \

d_stdio_ptr_lval_sets_cnt d_stdio_ptr_lval_nochange_cnt stdio_base \

stdio_bufsiz d_stdio_cnt_lval d_stdio_ptr_lval stdio_filbuf: cat \

Compile contains rm_try d_gnulibc gnulibc_version i_stdlib \

Setvar Findhdr Oldconfig run to

?MAKE: -pick weed \$@ %<

?S:d_stdstdio:

?S: This variable conditionally defines USE_STDIO_PTR if this system

?S: has a FILE structure declaring usable `_ptr` and `_cnt` fields (or
?S: equivalent) in `stdio.h`.

?S:.

?S:`stdio_ptr`:

?S: This variable defines how, given a FILE pointer, `fp`, to access the
?S: `_ptr` field (or equivalent) of `stdio.h`'s FILE structure. This will
?S: be used to define the macro `FILE_ptr(fp)`.

?S:.

?S:`d_stdio_ptr_lval`:

?S: This variable conditionally defines `STDIO_PTR_LVALUE` if the
?S: `FILE_ptr` macro can be used as an lvalue.

?S:.

?S:`stdio_cnt`:

?S: This
variable defines how, given a FILE pointer, `fp`, to access the
?S: `_cnt` field (or equivalent) of `stdio.h`'s FILE structure. This will
?S: be used to define the macro `FILE_cnt(fp)`.

?S:.

?S:`d_stdio_cnt_lval`:

?S: This variable conditionally defines `STDIO_CNT_LVALUE` if the
?S: `FILE_cnt` macro can be used as an lvalue.

?S:.

?S:`d_stdio_ptr_lval_sets_cnt`:

?S: This symbol is defined if using the `FILE_ptr` macro as an lvalue
?S: to increase the pointer by `n` has the side effect of decreasing the
?S: value of `File_cnt(fp)` by `n`.

?S:.

?S:`d_stdio_ptr_lval_nochange_cnt`:

?S: This symbol is defined if using the `FILE_ptr` macro as an lvalue
?S: to increase the pointer by `n` leaves `File_cnt(fp)` unchanged.

?S:.

?S:`stdio_filbuf`:

?S: This variable defines how, given a FILE pointer, `fp`, to tell
?S: `stdio` to refill its internal buffers (?). This will
?S: be used to define the macro `FILE_filbuf(fp)`.

?S:.

?S:`d_stdibase`:

?S: This variable conditionally defines `USE_STDIO_BASE` if this system
?S: has
a FILE structure declaring a usable `_base` field (or equivalent)
?S: in `stdio.h`.

?S:.

?S:`stdio_base`:

?S: This variable defines how, given a FILE pointer, `fp`, to access the
?S: `_base` field (or equivalent) of `stdio.h`'s FILE structure. This will
?S: be used to define the macro `FILE_base(fp)`.

?S:.

?S:`stdio_bufsiz`:

?S: This variable defines how, given a FILE pointer, fp, to determine
?S: the number of bytes store in the I/O buffer pointer to by the
?S: _base field (or equivalent) of stdio.h's FILE structure. This will
?S: be used to define the macro FILE_bufsiz(fp).
?S:.

?C:USE_STDIO_PTR ~ d_stdstdio (USE_STD_STDIO STDSTDIO):
?C: This symbol is defined if the _ptr and _cnt fields (or similar)
?C: of the stdio FILE structure can be used to access the stdio buffer
?C: for a file handle. If this is defined, then the FILE_ptr(fp)
?C: and FILE_cnt(fp) macros will also be defined and should be used
?C: to access these fields.
?C:.

?C:FILE_ptr:
?C: This macro is used to access the _ptr
field (or equivalent) of the
?C: FILE structure pointed to by its argument. This macro will always be
?C: defined if USE_STDIO_PTR is defined.
?C:.

?C:STDIO_PTR_LVALUE:
?C: This symbol is defined if the FILE_ptr macro can be used as an
?C: lvalue.
?C:.

?C:FILE_cnt:
?C: This macro is used to access the _cnt field (or equivalent) of the
?C: FILE structure pointed to by its argument. This macro will always be
?C: defined if USE_STDIO_PTR is defined.
?C:.

?C:STDIO_CNT_LVALUE:
?C: This symbol is defined if the FILE_cnt macro can be used as an
?C: lvalue.
?C:.

?C:STDIO_PTR_LVAL_SETS_CNT:
?C: This symbol is defined if using the FILE_ptr macro as an lvalue
?C: to increase the pointer by n has the side effect of decreasing the
?C: value of File_cnt(fp) by n.
?C:.

?C:STDIO_PTR_LVAL_NOCHANGE_CNT:
?C: This symbol is defined if using the FILE_ptr macro as an lvalue
?C: to increase the pointer by n leaves File_cnt(fp) unchanged.
?C:.

?C:FILE_filbuf:
?C: This macro is used to access the internal stdio
_filbuf function
?C: (or equivalent), if STDIO_CNT_LVALUE and STDIO_PTR_LVALUE
?C: are defined. It is typically either _filbuf or __filbuf.
?C: This macro will only be defined if both STDIO_CNT_LVALUE and
?C: STDIO_PTR_LVALUE are defined.
?C:.

```

?H:?d_stdstdio:#$d_stdstdio USE_STDIO_PTR /**/
?H:?d_stdstdio:#ifdef USE_STDIO_PTR
?H:#define FILE_ptr(fp) $stdio_ptr
?H:#$d_stdstdio_ptr_lval STDIO_PTR_LVALUE /**/
?H:#define FILE_cnt(fp) $stdio_cnt
?H:#$d_stdstdio_cnt_lval STDIO_CNT_LVALUE /**/
?H:#$d_stdstdio_ptr_lval_sets_cnt STDIO_PTR_LVAL_SETS_CNT /**/
?H:#$d_stdstdio_ptr_lval_nochange_cnt STDIO_PTR_LVAL_NOCHANGE_CNT /**/
?H:?FILE_filbuf:#if defined(STDIO_PTR_LVALUE) && defined(STDIO_CNT_LVALUE)
?H:?FILE_filbuf:#define FILE_filbuf(fp) $stdio_filbuf /**/
?H:?FILE_filbuf:#endif
?H:?d_stdstdio:#endif
?H:.
?W:d_stdstdio:FILE_ptr FILE_cnt FILE_filbuf
?C:USE_STDIO_BASE ~ d_stdiobase:
?C: This symbol is defined if the _base field (or similar) of the
?C: stdio FILE structure can be used to access the
?C: stdio buffer for
?C: a file handle. If this is defined, then the FILE_base(fp) macro
?C: will also be defined and should be used to access this field.
?C: Also, the FILE_bufsiz(fp) macro will be defined and should be used
?C: to determine the number of bytes in the buffer. USE_STDIO_BASE
?C: will never be defined unless USE_STDIO_PTR is.
?C:.
?C:FILE_base:
?C: This macro is used to access the _base field (or equivalent) of the
?C: FILE structure pointed to by its argument. This macro will always be
?C: defined if USE_STDIO_BASE is defined.
?C:.
?C:FILE_bufsiz:
?C: This macro is used to determine the number of bytes in the I/O
?C: buffer pointed to by _base field (or equivalent) of the FILE
?C: structure pointed to its argument. This macro will always be defined
?C: if USE_STDIO_BASE is defined.
?C:.
?H:?d_stdiobase:#$d_stdiobase USE_STDIO_BASE /**/
?H:?d_stdiobase:#ifdef USE_STDIO_BASE
?H:#define FILE_base(fp) $stdio_base
?H:#define FILE_bufsiz(fp) $stdio_bufsiz
?H:?d_stdiobase:#endif
?H:.
?W:d_stdiobase:FILE_base
FILE_bufsiz
?T:ptr_lval cnt_lval filbuf xxx
?F:!try
?LINT:set d_stdstdio d_stdiobase
: see if_ptr and _cnt from stdio act std
echo " "

```

```

if $contains '_lbfsize' `./findhdr stdio.h` >/dev/null 2>&1 ; then
echo "(Looks like you have stdio.h from BSD.)"
case "$stdio_ptr" in
") stdio_ptr='((fp)->_p)'
ptr_lval=$define
;;
*) ptr_lval=$d_stdio_ptr_lval;;
esac
case "$stdio_cnt" in
") stdio_cnt='((fp)->_r)'
cnt_lval=$define
;;
*) cnt_lval=$d_stdio_cnt_lval;;
esac
case "$stdio_base" in
") stdio_base='((fp)->_ub._base ? (fp)->_ub._base : (fp)->_bf._base)';;
esac
case "$stdio_bufsiz" in
") stdio_bufsiz='((fp)->_ub._base ? (fp)->_ub._size : (fp)->_bf._size)';;
esac
elif $contains '_IO_fpos_t' `./findhdr stdio.h` `./findhdr libio.h` >/dev/null 2>&1 ; then
echo "(Looks like you have stdio.h from Linux.)"
case "$stdio_ptr" in
") stdio_ptr='((fp)->_IO_read_ptr)'
ptr_lval=$define
;;
*) ptr_lval=$d_stdio_ptr_lval;;
esac
case "$stdio_cnt"
in
") stdio_cnt='((fp)->_IO_read_end - (fp)->_IO_read_ptr)'
cnt_lval=$undef
;;
*) cnt_lval=$d_stdio_cnt_lval;;
esac
case "$stdio_base" in
") stdio_base='((fp)->_IO_read_base)';;
esac
case "$stdio_bufsiz" in
") stdio_bufsiz='((fp)->_IO_read_end - (fp)->_IO_read_base)';;
esac
else
case "$stdio_ptr" in
") stdio_ptr='((fp)->_ptr)'
ptr_lval=$define
;;
*) ptr_lval=$d_stdio_ptr_lval;;

```

```

esac
case "$stdio_cnt" in
") stdio_cnt='((fp)->_cnt)'
  cnt_lval=$define
  ;;
*) cnt_lval=$d_stdio_cnt_lval;;
esac
case "$stdio_base" in
") stdio_base='((fp)->_base)';;
esac
case "$stdio_bufsiz" in
") stdio_bufsiz='((fp)->_cnt + (fp)->_ptr - (fp)->_base)';;
esac
fi

```

```

: test whether _ptr and _cnt really work
echo "Checking how std your stdio is..." >&4
$cat >try.c <<EOP
#include <stdio.h>
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#define FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
int main() {
  FILE *fp = fopen("try.c", "r");
  char c =getc(fp);
  if
  (
    18 <= FILE_cnt(fp) &&
    strncmp(FILE_ptr(fp), "include <stdio.h>\n", 18) == 0
  )
    exit(0);
  exit(1);
}
EOP
val="$undef"
set try
if eval $compile && $to try.c; then
  if $run ./try; then
    echo "Your stdio acts pretty std."
    val="$define"
  else
    echo "Your stdio isn't very std."
  fi
else
  echo "Your stdio doesn't appear very std."

```

```

fi
$rm_try

# glibc 2.2.90 and above apparently change stdio streams so Perl's
# direct buffer manipulation no longer works. The Configure tests
# should be changed to correctly detect this, but until then,
# the following check should at least let perl compile and run.
# (This quick fix should be updated before 5.8.1.)
# To be defensive, reject all unknown versions, and all versions > 2.2.9.
# A. Dougherty, June 3, 2002.
case "$d_gnulibc" in
$define)
case "$gnulibc_version" in
2.[01]*) ;;
2.2) ;;
2.2.[0-9]) ;;
*) echo "But I will not snoop inside glibc $gnulibc_version stdio buffers."
val="$undef"
;;
esac
;;
esac
set d_stdstdio
eval
$setvar

@if STDIO_PTR_LVALUE || d_stdio_ptr_lval
: Can _ptr be used as an lvalue?
?X: Only makes sense if we have a known stdio implementation.
case "$d_stdstdio$ptr_lval" in
$define$define) val=$define ;;
*) val=$undef ;;
esac
set d_stdio_ptr_lval
eval $setvar
@end

@if STDIO_CNT_LVALUE || d_stdio_cnt_lval
: Can _cnt be used as an lvalue?
?X: Only makes sense if we have a known stdio implementation.
case "$d_stdstdio$cnt_lval" in
$define$define) val=$define ;;
*) val=$undef ;;
esac
set d_stdio_cnt_lval
eval $setvar
@end

```

```

@if FILE_filbuf
: How to access the stdio _filbuf or __filbuf function.
: If this fails, check how the getc macro in stdio.h works.
case "${d_stdio_ptr_lval}${d_stdio_cnt_lval}" in
${define}${define})
: Try $hint value, if any, then _filbuf, __filbuf, _fill, then punt.
: _fill is for os/2.
xxx='notok'
for filbuf in $stdio_filbuf '_filbuf(fp)' '__filbuf(fp)' '_fill(fp)' ; do
$cat >try.c <<EOP
#include <stdio.h>
#i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#define
FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
#define FILE_filbuf(fp) $filbuf
int main() {
FILE *fp = fopen("try.c", "r");
int c;
c = getc(fp);
c = FILE_filbuf(fp); /* Just looking for linker errors.*/
exit(0);
}
EOP
set try
if eval $compile && $to try.c && $run ./try; then
echo "Your stdio appears to use $filbuf"
stdio_filbuf="$filbuf"
xxx='ok'
break
else
echo "Hmm. $filbuf doesn't seem to work."
fi
$rm_try
done
case "$xxx" in
notok) echo "I can't figure out how to access _filbuf"
echo "I'll just have to work around it."
d_stdio_ptr_lval="$undef"
d_stdio_cnt_lval="$undef"
;;
esac
;;
esac
@end

```

```

@if STDIO_PTR_LVALUE
: test whether setting _ptr sets _cnt as a side effect
d_stdio_ptr_lval_sets_cnt="$undef"
d_stdio_ptr_lval_nochange_cnt="$undef"
case "$d_stdio_ptr_lval$d_stdstdio" in
$define$define)
    echo "Checking to see what happens if we set the stdio ptr..." >&4
$cat >try.c <<EOP
#include <stdio.h>
/* Can
we scream? */
/* Eat dust sed :-) */
/* In the buffer space, no one can hear you scream. */
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#define FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
#include <sys/types.h>
int main() {
    FILE *fp = fopen("try.c", "r");
    int c;
    char *ptr;
    size_t cnt;
    if (!fp) {
        puts("Fail even to read");
        exit(1);
    }
    c = getc(fp); /* Read away the first # */
    if (c == EOF) {
        puts("Fail even to read");
        exit(1);
    }
    if (!(
        18 <= FILE_cnt(fp) &&
        strncmp(FILE_ptr(fp), "include <stdio.h>\n", 18) == 0
    )) {
        puts("Fail even to read");
        exit (1);
    }
    ptr = (char*) FILE_ptr(fp);
    cnt = (size_t)FILE_cnt(fp);

    FILE_ptr(fp) += 42;

    if ((char*)FILE_ptr(fp) != (ptr + 42)) {

```



```

printf("Fail ptr check %p != %p", FILE_ptr(fp), (ptr + 42));
exit (1);
}
if (FILE_cnt(fp) <= 20) {
printf ("Fail (<20 chars to test)");
exit (1);
}
if (strncmp(FILE_ptr(fp), "Eat dust sed :-) */\n", 20) != 0) {
puts("Fail compare");
exit
(1);
}
if (cnt == FILE_cnt(fp)) {
puts("Pass_unchanged");
exit (0);
}
if (FILE_cnt(fp) == (cnt - 42)) {
puts("Pass_changed");
exit (0);
}
printf("Fail count was %d now %d\n", cnt, FILE_cnt(fp));
return 1;

}
EOP
set try
if eval $compile && $to try.c; then
case ` $run ./try ` in
Pass_changed)
echo "Increasing ptr in your stdio decreases cnt by the same amount. Good." >&4
d_stdio_ptr_lval_sets_cnt="$define" ;;
Pass_unchanged)
echo "Increasing ptr in your stdio leaves cnt unchanged. Good." >&4
d_stdio_ptr_lval_nochange_cnt="$define" ;;
Fail*)
echo "Increasing ptr in your stdio didn't do exactly what I expected. We'll not be doing that then." >&4 ;;
*)
echo "It appears attempting to set ptr in your stdio is a bad plan." >&4 ;;
esac
else
echo "It seems we can't set ptr in your stdio. Nevermind." >&4
fi
$rm_try
;;
esac
@end

@if d_stdibase || USE_STDIO_BASE || FILE_base || FILE_bufsiz

```

```

: see if _base is also standard
val="$undef"
case
"$d_stdstdio" in
$define)
    $cat >try.c <<EOP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#define FILE_base(fp) $stdio_base
#define FILE_bufsiz(fp) $stdio_bufsiz
int main() {
    FILE *fp = fopen("try.c", "r");
    char c =getc(fp);
    if (
        19 <= FILE_bufsiz(fp) &&
        strncmp(FILE_base(fp), "#include <stdio.h>\n", 19) == 0
    )
        exit(0);
    exit(1);
}
EOP
set try
if eval $compile && $to try.c; then
    if $run ./try; then
        echo "And its _base field acts std."
        val="$define"
    else
        echo "But its _base field isn't std."
    fi
else
    echo "However, it seems to be lacking the _base field."
fi
$rm_try
;;
esac
set d_stdibase
eval $setvar

@end

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_stdstdio.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2019 Karl Williamson
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_towupper: Inlibc
?MAKE: -pick add $@ %<
?S:d_towupper:
?S: This variable conditionally defines the HAS_TOWUPPER symbol, which
?S: indicates to the C program that the towupper() routine is available.
?S:
?C:HAS_TOWUPPER:
?C: This symbol, if defined, indicates that the towupper () routine is
?C: available to do case conversion.
?C:
?H:#$d_towupper HAS_TOWUPPER /**/
?H:
?LINT:set d_towupper
: see if towupper exists
set towupper d_towupper
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/d_towupper.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_open3.U,v 3.0.1.2 1997/02/28 15:37:12 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_open3.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:37:12 ram
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.1 1995/07/25 13:58:26 ram
?RCS: patch56: added knowledge of the O_NONBLOCK symbol
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:44 ram
?RCS: Baseline for dist 3.0 netwide release.

```

```

?RCS:
?MAKE:d_open3: Compile test cat h_fcntl h_sysfile rm_try Setvar Findhdr run i_stdlib
?MAKE: -pick add $@ %<
?X: It would be easy to separate the
h_O_stuff from this.
?X: Is there a reason to do so? -- HMS
?S:d_open3:
?S: This variable conditionally defines the HAS_OPEN3 manifest constant,
?S: which indicates to the C program that the 3 argument version of
?S: the open(2) function is available.
?S:.
?C:HAS_OPEN3 (OPEN3):
?C: This manifest constant lets the C program know that the three
?C: argument form of open(2) is available.
?C:.
?H:#$d_open3 HAS_OPEN3 /**/
?H:.
?W:%<:O_RDONLY O_WRONLY O_RDWR O_NDELAY O_APPEND O_SYNC O_CREAT O_TRUNC
?W:%<:O_EXCL O_NONBLOCK
?F:!try
?LINT:set d_open3
?LINT:change h_fcntl h_sysfile
: Locate the flags for 'open()'
echo " "
$cat >try.c <<EOCP
#include <sys/types.h>
#ifdef I_FCNTL
#include <fcntl.h>
#endif
#ifdef I_SYS_FILE
#include <sys/file.h>
#endif
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main() {
    if(O_RDONLY);
#ifdef O_TRUNC
    exit(0);
#else
    exit(1);
#endif
}
EOCP
: check sys/file.h first to get FREAD on Sun
if $test `./findhdr sys/file.h` && \
    set try -DI_SYS_FILE

```

```

&& eval $compile; then
h_sysfile=true;
echo "<sys/file.h> defines the O_* constants..." >&4
if $run ./try; then
echo "and you have the 3 argument form of open()." >&4
val="$define"
else
echo "but not the 3 argument form of open(). Oh, well." >&4
val="$undef"
fi
elif $test `./findhdr fcntl.h` && \
set try -DI_FCNTL && eval $compile; then
h_fcntl=true;
echo "<fcntl.h> defines the O_* constants..." >&4
if $run ./try; then
echo "and you have the 3 argument form of open()." >&4
val="$define"
else
echo "but not the 3 argument form of open(). Oh, well." >&4
val="$undef"
fi
else
val="$undef"
echo "I can't find the O_* constant definitions! You got problems." >&4
fi
set d_open3
eval $setvar
$rm_try

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/compline/d_open3.U

```

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?RCS: \$Id\$

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: cpp_stuff.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:30:48 ram

?RCS: patch61: added cute quoting trick for wild stringify support

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:08:24 ram
?RCS: patch36: now uses cppstdin instead of plain cpp for consistency (ADO)
?RCS: patch36: remove temporary files when done
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:36 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:cpp_stuff cpp_quote: cat contains cppstdin cppflags cppminus rm Warn \
package
?MAKE: -pick
add \$@ %<
?S:cpp_stuff:
?S: This variable contains an identification of the catenation mechanism
?S: used by the C preprocessor.
?S:.
?S:cpp_quote:
?S: This variable is set to either "" or " depending on whether the
?S: pre-processor pre-dates ANSI or not. It is used in the production of
?S: the SQuoTe() and EQuoTe() macros, and was introduced to overcome a bug
?S: in gcc 3.x whereby the pre-processor complained loudly about the
?S: unterminated strings.
?S:.
?C:CAT2:
?C: This macro catenates 2 tokens together.
?C:.
?C:CAT3:
?C: This macro catenates 3 tokens together.
?C:.
?C:CAT4:
?C: This macro catenates 4 tokens together.
?C:.
?C:CAT5:
?C: This macro catenates 5 tokens together.
?C:.
?C:STRINGIFY:
?C: This macro surrounds its token with double quotes.
?C:.
?C:SCAT2:
?C: This macro catenates 2 tokens together and stringifies the result.
?C:.
?C:SCAT3:
?C: This macro catenates 3 tokens together and stringifies the result.
?C:.
?C:SCAT4:
?C: This macro catenates 4 tokens
together and stringifies the result.
?C:.
?C:SCAT5:

```

?C: This macro catenates 5 tokens together and stringifies the result.
?C:.
?H:%<:#if $cpp_stuff == 1
?H:?CAT2:#define CAT2(a,b)a/**/b
?H:?CAT3:#define CAT3(a,b,c)a/**/b/**/c
?H:?CAT4:#define CAT4(a,b,c,d)a/**/b/**/c/**/d
?H:?CAT5:#define CAT5(a,b,c,d,e)a/**/b/**/c/**/d/**/e
?H:?STRINGIFY:#define STRINGIFY(a)"a"
?H:%<:#define SQuoTe(a){cpp_quote}a
?H:%<:#define EQuoTe(a)a${cpp_quote}
?H:?SCAT2:#define SCAT2(a,b)EQuoTe(SQuoTe(a)b)
?H:?SCAT3:#define SCAT3(a,b,c)EQuoTe(SQuoTe(a)b/**/c)
?H:?SCAT4:#define SCAT4(a,b,c,d)EQuoTe(SQuoTe(a)b/**/c/**/d)
?H:?SCAT5:#define SCAT5(a,b,c,d,e)EQuoTe(SQuoTe(a)b/**/c/**/d/**/e)
?H:%<:#endif
?H:%<:#if $cpp_stuff == 42
?X: The additional level of indirection enables these macros to be
?X: used as arguments to other macros. See K&R 2nd ed., page 231.
?H:%<:#define CaTiFy(a,b) a ## b
?H:%<:#define CAT2(a,b) CaTiFy(a,b)
?H:?CAT3:#define CAT3(a,b,c) CAT2(CaTiFy(a,b),c)
?H:?CAT4:#define CAT4(a,b,c,d)
    CAT2(CaTiFy(a,b), CaTiFy(c,d))
?H:?CAT5:#define CAT5(a,b,c,d,e) CAT2(CAT2(CaTiFy(a,b), CaTiFy(c,d)), e)
?H:%<:#define StGiFy(a)# a
?H:?STRINGIFY:#define STRINGIFY(a)StGiFy(a)
?H:?SCAT2:#define SCAT2(a,b)StGiFy(a) StGiFy(b)
?H:?SCAT3:#define SCAT3(a,b,c)StGiFy(a) StGiFy(b) StGiFy(c)
?H:?SCAT4:#define SCAT4(a,b,c,d)StGiFy(a) StGiFy(b) StGiFy(c) StGiFy(d)
?H:?SCAT5:#define SCAT5(a,b,c,d,e)StGiFy(a) StGiFy(b) StGiFy(c) StGiFy(d) StGiFy(e)
?H:%<:#endif
?H:%<:#if $cpp_stuff != 1 && $cpp_stuff != 42
?H:%<:#include "Bleth: How does this C preprocessor catenate tokens?"
?H:%<:#endif
?H:.
?W:%<:CAT2 CAT3 CAT4 CAT5 STRINGIFY SCAT2 SCAT3 SCAT4 SCAT5
?F:!cpp_stuff.c
?LINT:known StGiFy EQuoTe SQuoTe CaTiFy
: how do we catenate cpp tokens here?
echo " "
echo "Checking to see how your cpp does stuff like catenate tokens..." >&4
cpp_quote="
$cat >cpp_stuff.c <<'EOCP'
#define RCAT(a,b)a/**/b
#define ACAT(a,b)a ## b
RCAT(Rei,ser)
ACAT(Cir,cus)
EOCP

```

```

$cppstdin $cppflags $cppminus <cpp_stuff.c >cpp_stuff.out
2>&1
if $contains 'Circus' cpp_stuff.out >/dev/null 2>&1; then
echo "Oh! Smells like ANSI's been here."
echo "We can catify or stringify, separately or together!"
cpp_stuff=42
elif $contains 'Reiser' cpp_stuff.out >/dev/null 2>&1; then
echo "Ah, yes! The good old days!"
cpp_stuff=1
$cat >cpp_stuff.c <<'EOCP'
#define SQuoTe(a)"a
#define EQuoTe(a)"
#define CAT2(a,b)EQuoTe(SQuoTe(a)b)
CAT2(Vic,tory)
EOCP
$cppstdin $cppflags $cppminus <cpp_stuff.c >cpp_stuff.out 2>&1
if $contains ""Victory"" cpp_stuff.out >/dev/null 2>&1; then
echo "I'll resort to a cute trick to also be able to stringify."
cpp_quote=""
else
$cat <<EOM
However, in the good old days we don't know how to stringify and
catify at the same time...
@if SCAT2 || SCAT3 || SCAT4 || SCAT5
You might have to edit the values of the SCAT[2-5] macros in config.h...
@else
Hopefully, $package does not need this feature.
@end
EOM
fi
else
./warn <<EOM
I can't seem to be able to catenate tokens with your cpp.
@if
CAT2 || CAT3 || CAT4 || CAT5 || SCAT2 || SCAT3 || SCAT4 || SCAT5
You're going to have to edit the values of the following
macros in config.h:

@if CAT2 || CAT3 || CAT4 || CAT5
CAT[2-5]
@end
@if SCAT2 || SCAT3 || SCAT4 || SCAT5
SCAT[2-5]
@end

in order to let me compile.
@end
EOM

```



```
cpp_stuff="/* Help! How do we handle cpp_stuff? */*/"
```

```
fi
```

```
$rm -f cpp_stuff.*
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cpp_stuff.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sbrk.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

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```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_sbrk.U,v $
```

```
?RCS: Revision 3.0.1.1 1994/01/24 14:06:31 ram
```

```
?RCS: patch16: created
```

```
?RCS:
```

```
?MAKE:d_sbrk: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_sbrk:
```

```
?S: This variable conditionally defines HAS_SBRK if sbrk() is
```

```
?S: available to add more core to the process.
```

```
?S:.
```

```
?C:HAS_SBRK:
```

```
?C: This symbol, if defined, indicates that the sbrk system call is
```

```
?C: available to add/release core. Always true on Unix.
```

```
?C:.
```

```
?H:#$d_sbrk HAS_SBRK /**/
```

```
?H:.
```

```
?LINT:set d_sbrk
```

```
: see
```

```
if sbrk exists
```

```
set sbrk d_sbrk
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sbrk.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_union_semun.U,v $
```

```
?RCS:
```

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: d_union_semun.U,v \$

?RCS:

?MAKE:d_union_semun d_semctl_semun d_semctl_semid_ds: Compile Setvar Myread run \
 cat rm_try d_sem

?MAKE: -pick add \$@ %<

?S:d_union_semun:

?S: This variable conditionally defines HAS_UNION_SEMUN if the

?S: union semun is defined by including <sys/sem.h>.

?S:.

?S:d_semctl_semun:

?S: This variable conditionally defines USE_SEMCTL_SEMUN, which

?S: indicates that union semun is to be used for semctl IPC_STAT.

?S:.

?S:d_semctl_semid_ds:

?S: This variable conditionally defines USE_SEMCTL_SEMID_DS, which

?S: indicates that struct semid_ds * is to be used for semctl IPC_STAT.

?S:.

?C:HAS_UNION_SEMUN:

?C: This symbol, if defined, indicates that the union semun

is

?C: defined by including <sys/sem.h>. If not, the user code

?C: probably needs to define it as:

?C: union semun {

?C: int val;

?C: struct semid_ds *buf;

?C: unsigned short *array;

?C: }

?C:.

?C:USE_SEMCTL_SEMUN:

?C: This symbol, if defined, indicates that union semun is

?C: used for semctl IPC_STAT.

?C:.

?C:USE_SEMCTL_SEMID_DS:

?C: This symbol, if defined, indicates that struct semid_ds * is

?C: used for semctl IPC_STAT.

?C:.

?H:#\$d_union_semun HAS_UNION_SEMUN /**/

?H:#\$d_semctl_semun USE_SEMCTL_SEMUN /**/

?H:#\$d_semctl_semid_ds USE_SEMCTL_SEMID_DS /**/

?H:.

?T:xxx also

?F:!try !tryh.h

?LINT: set d_union_semun d_semctl_semun d_semctl_semid_ds

```

: see whether sys/sem.h defines union semun
echo " "
$cat > try.c <<'END'
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/sem.h>
int main () { union semun semun; semun.buf = 0; }
END
set try
if eval $compile; then
    echo "You have union semun in <sys/sem.h>." >&4
    val="$define"
else
    echo "You do not have union
semun in <sys/sem.h>." >&4
    val="$undef"
fi
$rm_try
set d_union_semun
eval $setvar

: see how to do semctl IPC_STAT
case "$d_sem" in
$define)
    echo " "
?X: use tryh.h instead of try.h because $rm_try cleans up try.*
    $cat > tryh.h <<END
#ifdef S_IRUSR
#  ifdef S_IREAD
#  define S_IRUSR S_IREAD
#  define S_IWUSR S_IWRITE
#  define S_IXUSR S_IEXEC
#  else
#  define S_IRUSR 0400
#  define S_IWUSR 0200
#  define S_IXUSR 0100
#  endif
#  define S_IRGRP (S_IRUSR>>3)
#  define S_IWGRP (S_IWUSR>>3)
#  define S_IXGRP (S_IXUSR>>3)
#  define S_IROTH (S_IRUSR>>6)
#  define S_IWOTH (S_IWUSR>>6)
#  define S_IXOTH (S_IXUSR>>6)
#endif
#ifdef S_IRWXU
#  define S_IRWXU (S_IRUSR|S_IWUSR|S_IXUSR)
#  define S_IRWXG (S_IRGRP|S_IWGRP|S_IXGRP)
#  define S_IRWXO (S_IROTH|S_IWOTH|S_IXOTH)

```

```

#endif
END
: see whether semctl IPC_STAT can use union semun
case "$d_semctl_semun" in
")
val="$undef"
$cat > try.c <<END
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/sem.h>
#include
<sys/stat.h>
#include <stdio.h>
#include <errno.h>
#include "tryh.h"
#ifndef errno
extern int errno;
#endif
#$d_union_semun HAS_UNION_SEMUN
int main() {
union semun
#ifndef HAS_UNION_SEMUN
{
int val;
struct semid_ds *buf;
unsigned short *array;
}
#endif
arg;
int sem, st;

#if defined(IPC_PRIVATE) && defined(S_IRWXU) && defined(S_IRWXG) && defined(S_IRWXO) &&
defined(IPC_CREAT)
sem = semget(IPC_PRIVATE, 1, S_IRWXU|S_IRWXG|S_IRWXO|IPC_CREAT);
if (sem > -1) {
struct semid_ds argbuf;
arg.buf = &argbuf;
# ifdef IPC_STAT
st = semctl(sem, 0, IPC_STAT, arg);
if (st == 0)
printf("semun\n");
else
# endif /* IPC_STAT */
printf("semctl IPC_STAT failed: errno = %d\n", errno);
# ifdef IPC_RMID
if (semctl(sem, 0, IPC_RMID, arg) != 0)
# endif /* IPC_RMID */
printf("semctl IPC_RMID failed: errno = %d\n", errno);

```

```

    } else
#endif /* IPC_PRIVATE && ... */
printf("semget failed: errno = %d\n", errno);
return 0;
}
END
    set try

if eval $compile; then
xxx=`$run ./try`
    case "$xxx" in
        semun) val="$define" ;;
    esac
fi
$rm_try
set d_semctl_semun
eval $setvar
;;
esac
case "$d_semctl_semun" in
$define)
    echo "You can use union semun for semctl IPC_STAT." >&4
also='also'
    ;;
*) echo "You cannot use union semun for semctl IPC_STAT." >&4
also=""
    ;;
esac

: see whether semctl IPC_STAT can use struct semid_ds pointer
case "$d_semctl_semid_ds" in
")
    val="$undef"
    $cat > try.c <<'END'
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/sem.h>
#include <sys/stat.h>
#include "try.h"
#include <stdio.h>
#include <errno.h>
#ifdef errno
extern int errno;
#endif
int main() {
    union semun
#ifdef HAS_UNION_SEMUN
    {

```

```

int val;
struct semid_ds *buf;
unsigned short *array;
}
#endif
arg;
struct semid_ds argbuf;
int sem, st;

#if defined(IPC_PRIVATE) && defined(S_IRWXU) && defined(S_IRWXG)
&& defined(S_IRWXO) && defined(IPC_CREAT)
sem = semget(IPC_PRIVATE, 1, S_IRWXU|S_IRWXG|S_IRWXO|IPC_CREAT);
if (sem > -1) {
arg.buf = &argbuf;
# ifdef IPC_STAT
st = semctl(sem, 0, IPC_STAT, arg);
if (st == 0)
printf("semid_ds\n");
else
# endif /* IPC_STAT */
printf("semctl IPC_STAT failed: errno = %d\n", errno);
# ifdef IPC_RMID
if (semctl(sem, 0, IPC_RMID, arg) != 0)
# endif /* IPC_RMID */
printf("semctl IPC_RMID failed: errno = %d\n", errno);
} else
#endif /* IPC_PRIVATE && ... */
printf("semget failed: errno = %d\n", errno);

return 0;
}
END
set try
if eval $compile; then
xxx=`$run ./try`
case "$xxx" in
semid_ds) val="$define" ;;
esac
fi
$rm_try
set d_semctl_semid_ds
eval $setvar
;;
esac
case "$d_semctl_semid_ds" in
$define)
echo "You can $also use struct semid_ds* for semctl IPC_STAT." >&4
;;

```

```
*) echo "You cannot use
struct semid_ds* for semctl IPC_STAT." >&4
;;
esac
;;
*) val="$undef"
```

```
# We do not have the full sem*(2) library, so assume we can not
# use either.
```

```
set d_semctl_semun
eval $setvar
```

```
set d_semctl_semid_ds
eval $setvar
```

```
;;
esac
$rm_try tryh.h
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/modified/d_union_semun.U
```

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?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:d_mkostemp: Inlibc

?MAKE: -pick add \$@ %<

?S:d_mkostemp:

?S: This variable conditionally defines HAS_MKOSTEMP if mkostemp() is

?S: available to exclusively create and open a uniquely named (with a

?S: suffix) temporary file.

?S:.

?C:HAS_MKOSTEMP:

?C: This symbol, if defined, indicates that the mkostemp routine is

?C: available to exclusively create and open a uniquely named (with a

?C: suffix) temporary file.

?C:.

?H:#\$d_mkostemp HAS_MKOSTEMP /**/

?H:.

?LINT:set d_mkostemp

: see if mkostemp exists

```
set mkostemp d_mkostemp
eval $inlibc
```

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_mkostemp.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_syscall.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
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```

```
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```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_syscall.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:07:42 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_syscall: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_syscall:
```

```
?S: This variable conditionally defines HAS_SYSCALL if syscall() is
```

```
?S: available call arbitrary system calls.
```

```
?S:.
```

```
?C:HAS_SYSCALL (SYSCALL):
```

```
?C: This symbol, if defined, indicates that the syscall routine is
```

```
?C: available to call arbitrary system calls. If undefined, that's tough.
```

```
?C:.
```

```
?H:#$d_syscall
```

```
HAS_SYSCALL /**/
```

```
?H:.
```

```
?LINT:set d_syscall
```

```
: see if syscall exists
```

```
set syscall d_syscall
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_syscall.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_newsadm.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```


?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_newsadm.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:36:53 ram

?RCS: patch61: added Guess dependency

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:14:33 ram

?RCS: patch36: call ./eunice explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:42 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_newsadm newsadmin: cat contains Guess Setvar Myread Oldconfig

?MAKE: -pick add \$@ %<

?S:d_newsadm:

?S: This variable
conditionally defines the NEWS_ADMIN symbol, which
?S: indicates to the C program that there is a user who is in charge
?S: of news administration.

?S:.

?S:newsadmin:

?S: This variable holds the login name of the news administrator, if any.

?S:.

?C:NEWS_ADMIN (NEWSADMIN):

?C: This symbol, if defined, contains the login name of the news
?C: administrator.

?C:.

?H:#\$d_newsadm NEWS_ADMIN "\$newsadmin" /**/
?H:.

?LINT:set d_newsadm
: get news administrator name
case "\$newsadmin" in
")
if \$contains "^news:" /etc/passwd >/dev/null 2>&1 ; then
dflt=news
elif \$contains "^usenet:" /etc/passwd >/dev/null 2>&1 ; then
dflt=usenet
elif ./eunice; then
dflt=system
else
dflt=root
fi

```
;;
*)
dflt="$newsadmin"
;;
esac
$cat <<'EOM'
```

Many systems keep their news in a private directory, or have a non-superuser in charge of administering news. (If you don't have such a user, take the default answer.) I need the login name (not directory) which is used for news administration.

```
EOM
rp="News
admin login?"
./myread
newsadmin="$ans"
case "$newsadmin" in
root) val="$undef" ;;
*) val="$define" ;;
esac
set d_newsadm
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_newsadm.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_grp.U,v 3.0 1993/08/18 12:08:20 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: GRPASSWD detection added by Andy Dougherty July 14, 1998.
?RCS:
?RCS: $Log: i_grp.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:20 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_grp d_grpasswd: \
contains rm cppstdin cppflags cppminus Inhdr Findhdr Setvar
?MAKE: -pick add $@ %<
```

```

?S:i_grp:
?S: This variable conditionally defines the I_GRP symbol, and indicates
?S: whether a C program should include <grp.h>.
?S:.
?S:d_grpasswd:
?S: This variable conditionally
defines GRPASSWD, which indicates
?S: that struct group in <grp.h> contains gr_passwd.
?S:.
?C:I_GRP:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <grp.h>.
?C:.
?C:GRPASSWD:
?C: This symbol, if defined, indicates to the C program that struct group
?C: in <grp.h> contains gr_passwd.
?C:.
?H:#$i_grp I_GRP /**/
?H:#$d_grpasswd GRPASSWD /**/
?H:.
?LINT:set i_grp d_grpasswd
?T: xxx
: see if this is an grp system
set grp.h i_grp
eval $inhdr

case "$i_grp" in
$define)
xxx=`./findhdr grp.h`
$cpptest $cpptestflags $cpptestminus < $xxx >$$.h

if $contains 'gr_passwd' $$.h >/dev/null 2>&1; then
val="$define"
else
val="$undef"
fi
set d_grpasswd
eval $setvar

$rm -f $$.h
;;
*)
val="$undef";
set d_grpasswd; eval $setvar
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_grp.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Obsol_h.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
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```

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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: Obsol_h.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:05:11 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?X:
```

```
?X: This file is prepended to .MT/Obsol_h if that file is not empty. That file
```

```
?X: contains the necessary mappings of new symbols to obsolete ones.
```

```
?X:
```

```
?MAKE:Obsol_h:
```

```
?MAKE: -pick prepend $@ ./Obsol_h
```

```
?LINT:nocomment
```

```
/*
```

```
* The following symbols are obsolete. They are mapped to the the new
```

```
* symbols only to ease the transition process. The
```

```
sources should be
```

```
* updated so as to use the new symbols only, as the support for these
```

```
* obsolete symbols may end without notice.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Obsol_h.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_locconv.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_loconv.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:14:11 ram

?RCS: patch36: created by ADO

?RCS:

?MAKE:d_loconv: Inlibc

?MAKE: -pick add \$@ %<

?S:d_loconv:

?S: This variable conditionally defines HAS_LOCALECONV if localeconv() is

?S: available for numeric and monetary formatting conventions.

?S:.

?C:HAS_LOCALECONV:

?C: This symbol, if defined, indicates that the localeconv
routine is

?C: available for numeric and monetary formatting conventions.

?C:.

?H:#\$d_loconv HAS_LOCALECONV /**/

?H:.

?LINT:set d_loconv

: see if localeconv exists

set localeconv d_loconv

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_loconv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Unix.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:20:06 ram

?RCS: patch61: created

?RCS:

?X:

?X: The purpose of this unit is to define things that are common across all

?X: known UNIX platforms. If Configure is ported/used on a non-UNIX

?X: environment, then some of the following variables can be redefined in hint

?X: files.

?X:

?MAKE:Unix _a _o firstmakefile archobjs: Oldconfig

?MAKE: -pick add \$@ %<

?S:_a (lib_ext):

?S: This variable defines the extension used for ordinary libraries.

?S: For unix, it is '.a'. The '.' is included. Other possible

?S: values include '.lib'.

?S:.

?S:_o (obj_ext):

?S: This variable defines the extension used for object files.

?S: For unix, it is '.o'. The '.' is included. Other possible

?S: values include '.obj'.

?S:.

?S:firstmakefile:

?S: This variable defines the first file searched by make. On unix,

?S: it is makefile (then Makefile). On case-insensitive systems,

?S: it might be something else. This is only used to deal with

?S: convoluted make depend tricks.

?S:.

?S:archobjs:

?S: This variable defines any additional objects that must be linked

?S: in with the program on this architecture. On unix, it is usually

?S: empty. It is typically used to include emulations of unix calls

?S: or other facilities. For perl on OS/2, for example, this would

?S: include os2/os2.obj.

?S:.

?INIT:: Extra object files, if any, needed on this platform.

?INIT:archobjs="

: Define several unixisms.

: Hints files

or command line option can be used to override them.

```
case "$_a" in
") _a='.a';;
esac
case "$_o" in
") _o='.o';;
esac
```

@if firstmakefile

: Which makefile gets called first. This is used by make depend.

```
case "$firstmakefile" in
") firstmakefile='makefile';;
esac
```

@end

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Unix.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: mboxchar.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: mboxchar.U,v $
?RCS: Revision 3.0.1.2 1995/07/25 14:13:12 ram
?RCS: patch56: ensure ctrl-A characters are visible in prompt (WED)
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 15:11:22 ram
?RCS: patch23: added support for MMDF mailboxes (WED)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:15 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:mboxchar: cat package shsharp Myread Oldconfig
?MAKE: -pick add $@ %<
?S:mboxchar:
?S: This variable
contains the eventual value of the MBOXCHAR symbol,
?S: which is how a C program can identify a file as a mailbox.
?S:.
?C:MBOXCHAR:
?C: This symbol contains a character which will match the beginning
?C: of a mailbox file.
?C:.
?H:#define MBOXCHAR '$mboxchar' /**/
?H:.
?T:CTRLA
?INIT:CTRLA=`echo a | tr a '\001`
: determine how to determine when a file is a mailbox
case "$mboxchar" in
") dflt=F;;
?X: The following ^A is two-chars to ensure it will print out -- WED
"$CTRLA") dflt='^A';;
*) dflt="$mboxchar";;
esac
$cat <<EOM
```

In saving articles, \$package wants to differentiate between saving to mailbox format files and normal files. It does this by examining the first character of the file in question. On most systems the first line starts with "From ...", so the first character is an F. Other systems use magic cookies like control codes between articles, so one of those would be first. For example, MMDF messages are separated with lines of four control-A's (you may specify one as ^A, i.e. caret A).

EOM

```
rp="What's the first character of a mailbox file?"
./myread
mboxchar="$ans"
case "$mboxchar" in
F) ;;
"$CTRLA") ;;
'^A'|^a) mboxchar="$CTRLA";;
*) cat <<'EOM'
```

You will need to edit the shell script mbox.saver to properly append an article to a mailbox. The arguments to the script are documented in

EOM

```
case "$shsharp" in
false) echo "comments in mbox.saver.std.";;
true) echo "comments in the shell script itself.";;
esac
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mboxchar.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strcoll.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_strcoll.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:12:01 ram
```


?RCS: patch32: created by ADO
?RCS:
?MAKE:d_strcoll: Inlibc
?MAKE: -pick add \$@ %<
?S:d_strcoll:
?S: This variable conditionally defines HAS_STRCOLL if strcoll() is
?S: available to compare strings using collating information.
?S:.
?C:HAS_STRCOLL:
?C: This symbol, if defined, indicates that the strcoll routine
is
?C: available to compare strings using collating information.
?C:.
?H:#\$d_strcoll HAS_STRCOLL /**/
?H:.
?LINT:set d_strcoll
: see if strcoll exists
set strcoll d_strcoll
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strcoll.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: usenm.U,v 3.0.1.1 1997/02/28 16:26:40 ram Exp \$
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: usenm.U,v \$
?RCS: Revision 3.0.1.1 1997/02/28 16:26:40 ram
?RCS: patch61: don't use nm with the GNU C library
?RCS: patch61: added support for Linux shared libs
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:57 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:usenm runnm nm_opt nm_so_opt: cat test Myread Oldconfig myuname grep \
nm d_gnulibc osname egrep rsrc
?MAKE: -pick add \$@ %<
?S:usenm:
?S: This variable contains 'true' or 'false' depending

whether the

?S: nm extraction is wanted or not.

?S:.

?S:runnm:

?S: This variable contains 'true' or 'false' depending whether the

?S: nm extraction should be performed or not, according to the value

?S: of usenm and the flags on the Configure command line.

?S:.

?S:nm_opt:

?S: This variable holds the options that may be necessary for nm.

?S:.

?S:nm_so_opt:

?S: This variable holds the options that may be necessary for nm

?S: to work on a shared library but that can not be used on an

?S: archive library. Currently, this is only used by Linux, where

?S: nm --dynamic is **required** to get symbols from an ELF library which

?S: has been stripped, but nm --dynamic is **fatal** on an archive library.

?S: Maybe Linux should just always set usenm=false.

?S:.

: see if nm is to be used to determine whether a symbol is defined or not

?X: If there is enough inquiries, it might be worth to wait for the nm

?X: extraction. Otherwise, the C compilations might be a better deal.

?X:

?X: Don't bother if we're

using GNU libc -- skimo

?LINT:extern PASE

```

case "$usenm" in
")
dflt="
case "$d_gnulibc" in
"$define")
echo " "
echo "nm probably won't work on the GNU C Library." >&4
dflt=n
;;
esac
case "$dflt" in
")
if $test "$osname" = aix -a "$PASE" != "Xdefine" -a ! -f /lib/syscalls.exp; then
echo " "
echo "Whoops! This is an AIX system without /lib/syscalls.exp!" >&4
echo "'nm' won't be sufficient on this system." >&4
dflt=n
fi
;;
esac
case "$dflt" in
") dflt=`$egrep 'inlibc|csym' $rsrc/Configure | wc -l 2>/dev/null`

```

```

if $test $dflt -gt 20; then
  dflt=y
else
  dflt=n
fi
;;
esac
;;
*)
case "$usenm" in
true|$define) dflt=y;;
*) dflt=n;;
esac
;;
esac
$cat <<EOM

```

I can use \$nm to extract the symbols from your C libraries. This is a time consuming task which may generate huge output on the disk (up to 3 megabytes) but that should make the symbols extraction faster. The alternative is to skip the 'nm' extraction part and to compile a small test

program instead to determine whether each symbol is present. If you have a fast C compiler and/or if your 'nm' output cannot be parsed, this may be the best solution.

You probably shouldn't let me use 'nm' if you are using the GNU C Library.

```

EOM
rp="Shall I use $nm to extract C symbols from the libraries?"
./myread
case "$ans" in
[Nn]*) usenm=false;;
*) usenm=true;;
esac

```

?X: Name extraction is to be run if 'nm' usage is wanted and if no -r flag
?X: was provided to configure (in which case we simply re-use the previous
?X: values).

```

runnm=$usenm
case "$reusel" in
true) runnm=false;;
esac

```

: nm options which may be necessary

```

case "$nm_opt" in
") if $test -f /mach_boot; then
  nm_opt=" # Mach

```

```

elif $test -d /usr/ccs/lib; then
  nm_opt='-p' # Solaris (and SunOS?)
elif $test -f /dgux; then
  nm_opt='-p' # DG-UX
elif $test -f /lib64/rld; then
  nm_opt='-p' # 64-bit Irix
else
  nm_opt=""
fi;;
esac

```

: nm options which may be necessary for shared libraries but illegal

: for archive

libraries. Thank you, Linux.

```

case "$nm_so_opt" in
") case "$myuname" in
*linux*|gnu*)
  if $nm --help | $grep 'dynamic' > /dev/null 2>&1; then
    nm_so_opt='--dynamic'
  fi
  ;;
esac
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/usenm.U

```

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?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_htonl.U,v \$

?RCS: Revision 3.0.1.2 1994/08/29 16:09:25 ram

?RCS: patch32: now properly handles htonl() and friends when macros (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 14:45:00 ram

?RCS: patch23: now also check for htonl() macro (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:22 ram

```

?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_htonl: Inlibc Setvar i_niin i_sysin cat rm contains \
  cppstdin cppflags cppminus
?MAKE: -pick add $@ %<
?S:d_htonl:
?S: This variable conditionally
  defines HAS_HTONL if htonl() and its
?S: friends are available to do network order byte swapping.
?S:.
?C:HAS_HTONL (HTONL):
?C: This symbol, if defined, indicates that the htonl() routine (and
?C: friends htons() ntohl() ntohs()) are available to do network
?C: order byte swapping.
?C:.
?C:HAS_HTONS (HTONS):
?C: This symbol, if defined, indicates that the htons() routine (and
?C: friends htonl() ntohl() ntohs()) are available to do network
?C: order byte swapping.
?C:.
?C:HAS_NTOHL (NTOHL):
?C: This symbol, if defined, indicates that the ntohl() routine (and
?C: friends htonl() htons() ntohs()) are available to do network
?C: order byte swapping.
?C:.
?C:HAS_NTOHS (NTOHS):
?C: This symbol, if defined, indicates that the ntohs() routine (and
?C: friends htonl() htons() ntohl()) are available to do network
?C: order byte swapping.
?C:.
?H:#$d_htonl HAS_HTONL /**/
?H:#$d_htonl HAS_HTONS /**/
?H:#$d_htonl HAS_NTOHL /**/
?H:#$d_htonl HAS_NTOHS /**/
?H:.
?F:!htonl.c
?LINT:set d_htonl
:
  see if htonl --and friends-- exists
  val="
  set htonl val
  eval $inlibc

: Maybe they are macros.
case "$val" in
$undef)
  $cat >htonl.c <<EOM
#include <stdio.h>

```

```

#include <sys/types.h>
#include I_NETINET_IN
#include I_SYS_IN
#ifdef I_NETINET_IN
#include <netinet/in.h>
#endif
#ifdef I_SYS_IN
#include <sys/in.h>
#endif
#ifdef htonl
printf("Defined as a macro.");
#endif
EOM
Scppstdin Scppflags Scppminus < htonl.c >htonl.E 2>/dev/null
if $contains 'Defined as a macro' htonl.E >/dev/null 2>&1; then
  val="$define"
  echo "But it seems to be defined as a macro." >&4
fi
$rm -f htonl.?
;;
esac
set d_htonl
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_htonl.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_ctermid.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_ctermid.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:54 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_ctermid: Inlibc

?MAKE: -pick add \$@ %<

?S:d_ctermid:

?S: This variable conditionally defines CTERMID if ctermid() is

?S: available to generate filename for terminal.

?S:
?C:HAS_CTERMID (CTERMID):
?C: This symbol, if defined, indicates that the ctermid routine is
?C: available to generate filename for terminal.
?C:
?H:#\$d_ctermid
HAS_CTERMID /**/
?H:
?LINT:set d_ctermid
: see if ctermid exists
set ctermid d_ctermid
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ctermid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_localtime_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS: Copyright (c) 2006,2007 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_localtime_r d_localtime_r_needs_tzset localtime_r_proto: Inlibc \
cat run Protochk Hasproto i_systypes usethreads i_time i_systime \
rm_try Compile extern_C i_stdlib i_unistd i_malloc
?MAKE: -pick add \$@ %<
?S:d_localtime_r:
?S: This variable conditionally defines the HAS_LOCALTIME_R symbol,
?S: which indicates to the C program that the localtime_r()
?S: routine is available.
?S:
?S:d_localtime_r_needs_tzset:
?S: This variable conditionally defines the LOCALTIME_R_NEEDS_TZSET
?S: symbol, which makes us call tzset before localtime_r()
?S:
?S:localtime_r_proto:
?S: This
variable encodes the prototype of localtime_r.
?S: It is zero if d_localtime_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_localtime_r
?S: is defined.
?S:
?C:HAS_LOCALTIME_R:

```

?C: This symbol, if defined, indicates that the localtime_r routine
?C: is available to localtime re-entrantly.
?C:.
?C:LOCALTIME_R_NEEDS_TZSET:
?C: Many libc's localtime_r implementations do not call tzset,
?C: making them differ from localtime(), and making timezone
?C: changes using \${ENV}{TZ} without explicitly calling tzset
?C: impossible. This symbol makes us call tzset before localtime_r
?C:.
?H:%<:#$d_localtime_r_needs_tzset LOCALTIME_R_NEEDS_TZSET /**/
?H:%<:#ifdef LOCALTIME_R_NEEDS_TZSET
?H:%<:#define L_R_TZSET tzset(),
?H:%<:#else
?H:%<:#define L_R_TZSET
?H:%<:#endif
?H:.
?C:L_R_TZSET:
?C: If localtime_r() needs tzset, it is defined in this define
?C:.
?C:LOCALTIME_R_PROTO:
?C: This symbol encodes the prototype of localtime_r.
?C: It is zero if d_localtime_r
is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_localtime_r
?C: is defined.
?C:.
?H:#$d_localtime_r HAS_LOCALTIME_R /**/
?H:#define LOCALTIME_R_PROTO $localtime_r_proto /**/
?H:.
?T:try hdrs d_localtime_r_proto
?F:!try
: see if localtime_r exists
set localtime_r d_localtime_r
eval $inlibc
case "$d_localtime_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_time time.h $i_systime sys/time.h"
case "$d_localtime_r_proto:$usetthreads" in
":define") d_localtime_r_proto=define
set d_localtime_r_proto localtime_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_localtime_r_proto" in
define)
case "$localtime_r_proto" in
"|0) try='struct tm* localtime_r(const time_t*, struct tm*);'
./protochk "$extern_C $try" $hdrs && localtime_r_proto=S_TS ;;

```



```

esac
case "$localtime_r_proto" in
"|0) try='int localtime_r(const time_t*, struct tm*);'
./protochk "$extern_C $try" $hdrs && localtime_r_proto=I_TS ;;
esac
case "$localtime_r_proto" in
"|0) d_localtime_r=undef
localtime_r_proto=0
echo
"Disabling localtime_r, cannot determine prototype." >&4 ;;
*) case "$localtime_r_proto" in
REENTRANT_PROTO*) ;;
*) localtime_r_proto="REENTRANT_PROTO_$localtime_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "localtime_r has no prototype, not using it." >&4 ;;
esac
d_localtime_r=undef
localtime_r_proto=0
;;
esac
;;
*) localtime_r_proto=0
;;
esac

```

```

: see if localtime_r calls tzset
case "$localtime_r_proto" in
REENTRANT_PROTO*)
$cat >try.c <<EOCP
/* Does our libc's localtime_r call tzset ?
* return 0 if so, 1 otherwise.
*/
#$i_systypes I_SYS_TYPES
#$i_unistd I_UNISTD
#$i_time I_TIME
#$i_stdlib I_STDLIB
#$i_malloc I_MALLOC
#ifdef I_SYS_TYPES
# include <sys/types.h>
#endif
#ifdef I_UNISTD
# include <unistd.h>
#endif
#ifdef I_TIME

```

```

# include <time.h>
#endif
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <string.h>
#ifdef I_MALLOC
# include <malloc.h>
#endif
int
main()
{
    time_t t = time(0L);
    char w_tz[]="TZ" "=GMT+5",
    e_tz[]="TZ" "=GMT-5",
    *tz_e = (char*)malloc(16),
    *tz_w = (char*)malloc(16);
    struct tm tm_e, tm_w;
    memset(&tm_e, '\0', sizeof(struct tm));
    memset(&tm_w, '\0', sizeof(struct tm));
    strcpy(tz_e, e_tz);
    strcpy(tz_w, w_tz);

    putenv(tz_e);
    localtime_r(&t, &tm_e);

    putenv(tz_w);
    localtime_r(&t, &tm_w);

    if( memcmp(&tm_e, &tm_w, sizeof(struct tm)) == 0 )
return 1;
    return 0;
}
EOCP
set try
if eval $compile; then
    if $run ./try; then
        d_localtime_r_needs_tzset=undef;
        else
        d_localtime_r_needs_tzset=define;
        fi;
    else
        d_localtime_r_needs_tzset=undef;
    fi;
;;
*)
    d_localtime_r_needs_tzset=undef;
;;

```

esac
\$rm_try

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_localtime_r.U

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: ssize_t.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 16:24:21 ram

?RCS: patch61: integrated perl5 concerns for mis-configured sfio

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 16:30:28 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS: patch36: added 'ldflags' to the test compile line (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:33:06 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:ssize_t: Myread Typedef

ssize_t cat rm \

+cc +optimize +ccflags +ldflags +libs _o

?MAKE: -pick add \$@ %<

?S:ssize_t:

?S: This variable defines ssize_t to be something like ssize_t,

?S: long or int. It is used by functions that return a count

?S: of bytes or an error condition. It must be a signed type.

?S: We will pick a type such that sizeof(SSize_t) == sizeof(Size_t).

?S:.

?C:SSize_t:

?C: This symbol holds the type used by functions that return

?C: a count of bytes or an error condition. It must be a signed type.

?C: It is usually ssize_t, but may be long or int, etc.

?C: It may be necessary to include <sys/types.h> or <unistd.h>

?C: to get any typedef'ed information.

?C: We will pick a type such that sizeof(SSize_t) == sizeof(Size_t).

```

?C:.
?H:#define SSize_t $ssize_t /* signed count of bytes */
?H:.
?F:!ssize.out !ssize
: see what type is used for signed size_t
set ssize_t ssize_t int stdio.h sys/types.h
eval $typedef
dflt="$ssize_t"
?X: Now check out whether sizeof(SSize_t) == sizeof(Size_t)
$cat
> ssize.c <<EOM
#include <stdio.h>
#include <sys/types.h>
#define Size_t $ssize_t
#define SSize_t $dflt
int main()
{
if (sizeof(Size_t) == sizeof(SSize_t))
printf("$dflt\n");
else if (sizeof(Size_t) == sizeof(int))
printf("int\n");
else
printf("long\n");
fflush(stdout);
exit(0);
}
EOM
echo " "
?X: If $libs contains -lsfio, and sfio is mis-configured, then it
?X: sometimes (apparently) runs and exits with a 0 status, but with no
?X: output!. Thus we check with test -s whether we actually got any
?X: output. I think it has to do with sfio's use of _exit vs. exit,
?X: but I don't know for sure. --Andy Dougherty 1/27/97.
if $cc $optimize $ccflags $ldflags -o ssize ssize.c $libs > /dev/null 2>&1 &&
./ssize > ssize.out 2>/dev/null && test -s ssize.out ; then
ssize_t=`$cat ssize.out`
echo "I'll be using $ssize_t for functions returning a byte count." >&4
else
$cat >&4 <<EOM
Help! I can't compile and run the ssize_t test program: please enlighten me!
(This
is probably a misconfiguration in your system or libraries, and
you really ought to fix it. Still, I'll try anyway.)

I need a type that is the same size as $ssize_t, but is guaranteed to
be signed. Common values are ssize_t, int and long.

EOM

```

```
rp="What signed type is the same size as $sizetype?"
./myread
ssizetype="$ans"
fi
$rm -f ssize ssize$_o ssize.*
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ssizetype.U
```

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?RCS:

?X: This unit generates a \$hasfield string that is used internally

?X: by Configure to check if this system has a field for a

?X: particular struct (of if this system has a particular struct!)

?X:

?X: To use it, say something like:

?X: set d_statblocks stat st_blocks i_sysstat sys/stat.h

?X: eval \$hasfield

?X: Or, for more complicated sets of headers, do something like

?X: hdrs="\$define sys/foo.h

?X: \$i_sysbar sys/bar.h

?X: \$i_syszot sys/zot.h

?X: \$i_zappa zappa.h"

?X: set d_statblocks stat st_blocks \$hdrs

?X: eval \$hasfield

?X:

?MAKE:Hasfield: Setvar rm_try test Compile

?MAKE:-pick add \$@ %<

?T:varname struct field

?V:hasfield

: Define hasfield macro for Configure internal use

```
hasfield='varname=$1;
```

```
struct=$2; field=$3; shift; shift; shift;
```

```
while $test $# -ge 2; do
```

```
case "$1" in
```

```
$define) echo "#include <$2>;";
```

```
esac ;
```

```
shift 2;
```

```
done > try.c;
```

```
echo "int main () { struct $struct foo; char* bar; bar = (char*)foo.$field; }" >> try.c;
```

```
set try;
```

```
if eval $compile; then
  val="$define";
else
  val="$undef";
fi;
set $varname;
eval $setvar;
$rm_try'
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/Hasfield.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: dlsrc.U,v\$

?RCS:

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?RCS:

?RCS: \$Log: dlsrc.U,v \$

?RCS:

?X: hpux support thanks to Jeff Okamoto <okamoto@hpcc101.corp.hp.com>

?X:

?X: To create a shared library, you must compile ALL source files in the

?X: library with +z (or possibly +Z if the library is whopping huge),

?X: then link the library with -b. Example:

?X: cc -c +z module_a.c

?X: cc -c +z module_b.c

?X: ld -b module_a.o module_b.o -o module.sl

?X:

?MAKE:usedl ld dlsrc ccdlflags lddlflags ccdlflags bin_ELF ld_can_script: \

rm_try Getfile Myread test osname sed d_dlopen Findhdr Setvar \

src run cc ccflags ldflags optimize ls gccversion cat rsrc i_stdlib \

i_unistd osvers sysroot

?MAKE: -pick add \$@ %<

?Y:BOTTOM

?S:usedl:

?S: This variable

indicates if the system supports dynamic

?S: loading of some sort. See also dlsrc and dlobj.

?S:.

?S:ld:

?S: This variable indicates the program to be used to link

?S: libraries for dynamic loading. On some systems, it is 'ld'.

?S: On ELF systems, it should be \$cc. Mostly, we'll try to respect

?S: the hint file setting.

?S:.

?S:dlsrc:

?S: This variable contains the name of the dynamic loading file that
 ?S: will be used with the package.

?S:.

?S:cccdlflags:

?S: This variable contains any special flags that might need to be
 ?S: passed with 'cc -c' to compile modules to be used to create a shared
 ?S: library that will be used for dynamic loading. For hpux, this
 ?S: should be +z. It is up to the makefile to use it.

?S:.

?S:lddlflags:

?S: This variable contains any special flags that might need to be
 ?S: passed to \$ld to create a shared library suitable for dynamic
 ?S: loading. It is up to the makefile to use it. For hpux, it
 ?S: should be '-b'. For sunos 4.1, it is empty.

?S:.

?S:ccdflags:

?S: This
 variable contains any special flags that might need to be
 ?S: passed to cc to link with a shared library for dynamic loading.
 ?S: It is up to the makefile to use it. For sunos 4.1, it should
 ?S: be empty.

?S:.

?S:bin_ELF:

?S: This variable saves the result from configure if generated binaries
 ?S: are in ELF format. Only set to defined when the test has actually
 ?S: been performed, and the result was positive.

?S:.

?S:ld_can_script:

?S: This variable shows if the loader accepts scripts in the form of
 ?S: -Wl,--version-script=ld.script. This is currently only supported
 ?S: for GNU ld on ELF in dynamic loading builds.

?S:.

?C:USE_DYNAMIC_LOADING ~ %<:

?C: This symbol, if defined, indicates that dynamic loading of
 ?C: some sort is available.

?C:.

?H:?%<:#\$usedl USE_DYNAMIC_LOADING /**/

?H:.

?W:%<:dlopen

?T:dldir thisflag tdir

?F:!a.out

: determine which dynamic loading, if any, to compile in
 echo " "
 dldir="ext/DynaLoader"
 case "\$usedl" in
 \$define|y|true)

```

dflt='y'
usedl="$define"
;;
    $undef|n|false)
dflt='n'
usedl="$undef"
;;
    *)
dflt='n'
case "$d_dlopen" in
    $define) dflt='y' ;;
esac
: Does a dl_xxx.xs file exist for this operating system
Stest -f $src/$dldir/dl_${osname}.xs && dflt='y'
;;
esac
rp="Do you wish to use dynamic loading?"
./myread
usedl="$ans"
bin_ELF="$undef"
case "$ans" in
    y*) usedl="$define"
case "$dlsrc" in
    ") if Stest -f $src/$dldir/dl_${osname}.xs ; then
        dflt="$dldir/dl_${osname}.xs"
    elif Stest "$d_dlopen" = "$define" ; then
        dflt="$dldir/dl_dlopen.xs"
    else
        dflt="
fi
;;
    *) dflt="$dldir/$dlsrc"
;;
esac
echo "The following dynamic loading files are available:"
: Can not go over to $dldir because getfile has path hard-coded in.
tdir=`pwd`; cd "$src"; $ls -C $dldir/dl*.xs; cd "$tdir"
rp="Source file to use for dynamic loading"
fn="fne"
gfpth="$src"
./getfile
usedl="$define"
: emulate basename
dlsrc=`echo $ans | $sed -e 's%.*^\([^/]*\)%%\1%`

$cat
<< EOM

```


Some systems may require passing special flags to `$cc -c` to compile modules that will be used to create a shared library. To use no flags, say "none".

EOM

```
case "$cccdlflags" in
  ") case "$gccversion" in
  ") case "$osname" in
    hpux) dflt='+z' ;;
    irix*) dflt='-KPIC' ;;
    svr4*|esix*|solaris|nonstopux) dflt='-KPIC' ;;
    sunos) dflt='-pic' ;;
    *) dflt='none' ;;
  esac
  ;;
  *) case "$osname" in
    darwin) dflt='none' ;;
    *linux*|svr4*|esix*|solaris|nonstopux) dflt='-fPIC' ;;
    *) dflt='-fpic' ;;
  esac ;;
esac ;;
  ' ') dflt='none' ;;
  *) dflt="$cccdlflags" ;;
esac
```

```
case "$dflt" in
  none) dflt="";;
esac
```

```
# If -Dsysroot was specified, now's the time to add it
# to cccdflags
if test "X$sysroot" != X; then
  case "$gccversion" in
  ") ;;
  *) case "$dflt" in
    *sysroot*) ;;
    'undef'|*)
      dflt="$dflt --sysroot=$sysroot" ;;
    esac
    ;;
  esac
fi
```

```
case "$dflt" in
  ") dflt='none';;
esac
```

```
rp="Any
```

special flags to pass to \$cc -c to compile shared library modules?"

```
. /myread
case "$ans" in
?X: Use ' ' so that a subsequent Configure run preserves the old state.
  none) cccdflags=' ' ;;
  *) cccdflags="$ans" ;;
esac

cat << EOM
```

Some systems use ld to create libraries that can be dynamically loaded, while other systems (such as those using ELF) use \$cc.

EOM

```
: Determine if this is ELF
$cat >try.c <<EOM
/* Test for whether ELF binaries are produced */
#include <fcntl.h>
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#ifdef I_UNISTD
#include <unistd.h>
#endif
int main() {
  char b[4];
  int i = open("a.out",O_RDONLY);
  if(i == -1)
  exit(1); /* fail */
  if(read(i,b,4)==4 && b[0]==127 && b[1]=='E' && b[2]=='L' && b[3]=='F')
  exit(0); /* succeed (yes, it is ELF) */
  exit(1); /* fail */
}
EOM
if $cc $ccflags $ldflags -o a.out try.c >/dev/null 2>&1 && $run ./a.out; then
  bin_ELF="$define"
fi
$rm_try

case "$ld" in

  ") if $test $bin_ELF = "$define"; then
    cat <<EOM
```

You appear to have ELF support. I'll use \$cc to build dynamic libraries.

EOM

```

    dflt="$cc"
else
    echo "I'll use ld to build dynamic libraries."
    dflt='ld'
fi
;;
*) dflt="$ld"
;;
esac

rp="What command should be used to create dynamic libraries?"
. ./myread
ld="$ans"

```

```
cat << EOM
```

Some systems may require passing special flags to \$ld to create a library that can be dynamically loaded. If your ld flags include -L/other/path options to locate libraries outside your loader's normal search path, you may need to specify those -L options here as well. To use no flags, say "none".

```
EOM
```

```

case "$lddflags" in
    ") case "$osname" in
        haiku) dflt='-shared' ;;
        hpux) dflt='-b';
    case "$gccversion" in
        ") dflt="$dflt +vnocompatwarnings" ;;
    esac
    ;;
    *linux*|irix*|gnu*) dflt="-shared $optimize" ;;
    solaris) # See [perl #66604].
        # On Solaris 11, gcc -m64
on amd64
    # appears not to understand -G. gcc versions at
    # least as old as 3.4.3 support -shared, so just
    # use that with Solaris 11 and later, but keep
    # the old behavior for older Solaris versions.
    case "$gccversion" in
        ") dflt='-G' ;;
    *) case "$osvers" in
        2.?|2.10) dflt='-G' ;;
        *) dflt='-shared' ;;
    esac
    ;;
esac
;;

```

```

sunos) dflt='-assert nodefaults' ;;
svr4*|esix*|nonstopux) dflt="-G $ldflags" ;;
*) dflt='none' ;;
esac
;;
*) dflt="$lddflags" ;;
esac

```

: Only do this for gcc, since, for example, qcc has no concept
: of --sysroot.

```

if $test "X$sysroot" != X; then
  case "$gccversion" in
  *) ;;
  *) dflt="$dflt --sysroot $sysroot" ;;
  esac
fi

```

: Try to guess additional flags to pick up local libraries.

: Be careful not to append to a plain 'none'

```

case "$dflt" in
  none) dflt=" ;;
esac
for thisflag in $ldflags; do
  case "$thisflag" in
  -L*|-R*|-Wl,-R*)

  case " $dflt " in
  *" $thisflag "*) ;;
  *) dflt="$dflt $thisflag" ;;
  esac
  ;;
  esac
done

```

```

case "$dflt" in
  '| ') dflt='none' ;;
esac

```

```

case "$ldflags" in
  *-fstack-protector-strong*)
case "$dflt" in
  *-fstack-protector-strong*) ;; # Don't add it again
  *) dflt="$dflt -fstack-protector-strong" ;;
esac
;;
  *-fstack-protector*)
case "$dflt" in
  *-fstack-protector*) ;; # Don't add it again

```

```

*) dflt="$dflt -fstack-protector" ;;
esac
;;
esac

```

rp="Any special flags to pass to \$ld to create a dynamically loaded library?"

```

./myread

```

```

case "$ans" in

```

?X: Use ' ' so that a subsequent Configure run preserves the old state.

```

  none) lddflags=' ' ;;
  *) lddflags="$ans" ;;
esac

```

```

cat <<EOM

```

Some systems may require passing special flags to \$cc to indicate that the resulting executable will use dynamic linking. To use no flags, say "none".

EOM

```

case "$ccdlflags" in
  ") case "$osname" in
    *linux*|hpux|gnu*)
dflt='-Wl,-E' ;;
    sunos)      dflt='none' ;;
    *)          dflt='none' ;;
esac ;;
  ') dflt='none' ;;
  *) dflt="$ccdlflags" ;;
esac

```

rp="Any special flags to pass to \$cc to use dynamic linking?"

```

./myread

```

```

case "$ans" in

```

?X: Use ' ' so that a subsequent Configure run preserves the old state.

```

  none) ccdlflags=' ' ;;
  *) ccdlflags="$ans" ;;
esac

```

```

;;

```

?X: End of usedl=y section

```

*) usedl="$undef"
ld='ld'
dlsrc='dl_none.xs'
lddflags=""
ccdlflags=""
;;
esac

```

```

ld_can_script="$undef"
case "$bin_ELF$susedl" in
  $define$define)
    # Abuse try.h and a.out names for neat cleanup
    $cat >try.c <<EOM
void foo() {}
void bar() {}
EOM
    $cat >try.h <<EOM
LIBTEST_42 {
global:
  foo;
local: *;
};
EOM
    if $cc $cccdlflags $ccdlflags $ccflags \
        $ldflags $lddlflags -o a.out try.c \
        -Wl,--version-script=try.h >/dev/null 2>&1 \
        && $stest -s a.out ; then
        echo "ld supports scripting" >&4
        ld_can_script="$define"
    else

        echo "ld does not support scripting" >&4
    fi
    $rm_try
    ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/dlsrc.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_statblks.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:29 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

```

?MAKE:d_statblks: contains Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_statblks:
?S: This variable conditionally defines USE_STAT_BLOCKS if this system
?S: has a stat structure declaring st_blksize and st_blocks.
?S:.
?C:USE_STAT_BLOCKS (STATBLOCKS):
?C: This symbol is defined if this system has a stat structure declaring
?C: st_blksize and st_blocks.
?C:.
?H:#$d_statblks USE_STAT_BLOCKS
/**/
?H:.
?T:xxx
?LINT:set d_statblks
: see if stat knows about block sizes
echo " "
xxx=`./findhdr sys/stat.h`
if $contains 'st_blocks;' "$xxx" >/dev/null 2>&1 ; then
if $contains 'st_blksize;' "$xxx" >/dev/null 2>&1 ; then
echo "Your stat() knows about block sizes." >&4
val="$define"
else
echo "Your stat() doesn't know about block sizes." >&4
val="$undef"
fi
else
echo "Your stat() doesn't know about block sizes." >&4
val="$undef"
fi
set d_statblks
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_statblks.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_tcstpgp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:

```

```

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_tcsetpgrp.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:12:11 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_tcsetpgrp: Inlibc
?MAKE: -pick add $@ %<
?S:d_tcsetpgrp:
?S: This variable conditionally defines the HAS_TCSETPGRP symbol, which
?S: indicates to the C program that the tcsetpgrp() routine is available
?S: to set foreground process group ID.
?S:.
?C:HAS_TCSETPGRP
:
?C: This symbol, if defined, indicates that the tcsetpgrp routine is
?C: available to set foreground process group ID.
?C:.
?H:#$d_tcsetpgrp HAS_TCSETPGRP /**/
?H:.
?LINT:set d_tcsetpgrp
: see if tcsetpgrp exists
set tcsetpgrp d_tcsetpgrp
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_tcsetpgrp.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_inetaton.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Spider Boardman
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_inetaton.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:36:35 ram
?RCS: patch61: created
?RCS:
?MAKE:d_inetaton: Inlibc
?MAKE: -pick add $@ %<
?S:d_inetaton:

```


?S: This variable conditionally defines the HAS_INET_ATON symbol, which
?S: indicates to the C program that the inet_aton() function is available
?S: to parse IP address "dotted-quad" strings.
?S:.
?C:HAS_INET_ATON:
?C: This symbol, if defined, indicates
to the C program that the
?C: inet_aton() function is available to parse IP address "dotted-quad"
?C: strings.
?C:.
?H:#\$d_inetaton HAS_INET_ATON /**/
?H:.
?LINT:set d_inetaton
: check whether inet_aton exists
set inet_aton d_inetaton
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_inetaton.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?MAKE:usesocks: Myread Oldconfig Setvar spackage package
?MAKE: -pick add \$@ %<
?Y:TOP
?S:usesocks:
?S: This variable conditionally defines the USE_SOCKS symbol,
?S: and indicates that Perl should be built to use SOCKS.
?S:.
?C:USE_SOCKS:
?C: This symbol, if defined, indicates that Perl should
?C: be built to use socks.
?C:.
?H:?%<:#\$usesocks USE_SOCKS /**/
?H:.
?D:usesocks="

```
?LINT:set usesocks
: check for requested SOCKS support
case "$usesocks" in
$define|true|[yY]*) dflt='y';
*)
dflt='n';
esac
cat <<EOM
```

\$package can be built to use the SOCKS proxy protocol library.
If this doesn't make any sense to you, just accept the default '\$dflt'.

EOM

```
rp="Build $package for SOCKS?"
./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef" ;;
esac
set usesocks
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/usesocks.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_getespwnam: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getespwnam:

?S: This variable conditionally defines HAS_GETESPWNAM if getespwnam() is

?S: available to retrieve enhanced (shadow) password entries by name.

?S:.

?C:HAS_GETESPWNAM:

?C: This symbol, if defined, indicates that the getespwnam system call is

?C: available to retrieve enhanced (shadow) password entries by name.

?C:.

?H:#\$d_getespwnam HAS_GETESPWNAM /**/

?H:.

```
?LINT:set d_getespwnam
: see if getespwnam exists
set getespwnam d_getespwnam
eval $inlibc
```

Found in

path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getespwnam.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_locale.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1996, Andy Dougherty
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: i_locale.U,v $
```

```
?RCS: Revision 3.0.1.1 1997/02/28 15:48:23 ram
```

```
?RCS: patch61: created
```

```
?RCS:
```

```
?MAKE:i_locale: Inhdr
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_locale:
```

```
?S: This variable conditionally defines the I_LOCALE symbol,
```

```
?S: and indicates whether a C program should include <locale.h>.
```

```
?S:.
```

```
?C:I_LOCALE:
```

```
?C: This symbol, if defined, indicates to the C program that it should
```

```
?C: include <locale.h>.
```

```
?C:.
```

```
?H:#$i_locale I_LOCALE /**/
```

```
?H:.
```

```
?LINT:set
```

```
i_locale
```

```
: see if locale.h is available
```

```
set locale.h i_locale
```

```
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_locale.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: man3dir.U,v 3.1 1999/07/08 20:52:19 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1996-1999, Andy Dougherty

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: man3dir.U,v \$

?RCS: Revision 3.1 1999/07/08 20:52:19 doughera

?RCS: Updated for perl5.005_5x

?RCS:

?RCS: Revision 3.0.1.1 1997/02/28 16:10:34 ram

?RCS: patch61: created

?RCS:

?X: This was originally specific to perl5. Since perl5 has man pages that

?X: go in both man1/ and man3/ directories, we need both man1 dir

?X: and man3dir. This unit is basically dist's mansrc.U with

?X: man3 used instead

of man everywhere.

?X: I then added various tests because perl5 has *lots* of man3

?X: pages with long file names. -- ADO

?X:

?MAKE:man3dir man3direxp man3ext installman3dir: cat nroff Loc Oldconfig \

sed man1dir spackage package Getfile Setprefixvar Prefixit Prefixup \

d_flexfnam privlib Myread test

?MAKE: -pick add \$@ %<

?Y:TOP

?D:man3dir="

?S:man3dir:

?S: This variable contains the name of the directory in which manual

?S: source pages are to be put. It is the responsibility of the

?S: Makefile.SH to get the value of this into the proper command.

?S: You must be prepared to do the ~name expansion yourself.

?S:.

?D:man3direxp="

?S:man3direxp:

?S: This variable is the same as the man3dir variable, but is filename

?S: expanded at configuration time, for convenient use in makefiles.

?S:.

?D:installman3dir="

?S:installman3dir:

?S: This variable is really the same as man3direxp, unless you are using

?S: AFS in which case it points to the read/write location whereas
 ?S: man3direxp only
 points to the read-only access location. For extra
 ?S: portability, you should only use this variable within your makefiles.
 ?S:.
 ?S:man3ext:
 ?S: This variable contains the extension that the manual page should
 ?S: have: one of 'n', 'l', or '3'. The Makefile must supply the '.'.
 ?S: See man3dir.
 ?S:.
 ?T:prog tdfmt
 ?LINT:change prefixvar
 ?LINT:set man3direxp
 : determine where library module manual pages go
 set man3dir man3dir none
 eval \$prefixit
 \$cat <<EOM

\$spackage has manual pages for many of the library modules.

EOM

```
case "$nroff" in
nroff)
$cat <<'EOM'
```

However, you don't have nroff, so they're probably useless to you.

EOM

```
case "$man3dir" in
") man3dir="none";;
esac;;
esac
```

```
case "$d_flexfnam" in
undef)
$cat <<'EOM'
```

However, your system can't handle the long file names like File::Basename.3.

EOM

```
case "$man3dir" in
") man3dir="none";;
esac;;
esac
```

echo "If you don't want the manual sources installed, answer 'none'."

?X: In 5.005_57 and earlier, I had the following notes:

?X:

We do not use /usr/local/man/man3 because some man programs will

?X: only show the /usr/local/man/man3 contents, and not the system ones,

?X: thus man less will show the perl module less.pm, but not the system

?X: less command. We might also conflict with Tcl man pages.

?X: However, something like /opt/perl/man/man3 is fine.

?X:

?X: However, opinion seems to be shifting such that 'man POSIX' ought

?X: to just work. -- Andy Dougherty July 8, 1999

?X:

?X: remove any trailing -3.0 or other version indication from \$package

```
prog=`echo $package | $sed 's/-*[0-9.]*$//`
```

```
case "$man3dir" in
```

```
) dflt=`echo "$man1dir" | $sed -e 's/man1/man3/g' -e 's/man\./man\./3/g`
```

```
if $test -d "$privlib/man/man3"; then
```

```
cat <<EOM >&4
```

WARNING: Previous versions of perl installed man3 pages into

\$privlib/man/man3. This version will suggest a

new default of \$dflt.

EOM

```
tdflt=$dflt
```

```
dflt='n'
```

```
rp='Do you wish to preserve the old behavior?(y/n)'
```

```
./myread
```

```
case "$ans" in
```

```
y*) dflt="$privlib/man/man3"
```

```
;;
```

```
*) dflt=$tdflt ;;
```

```
esac
```

```
fi
```

```
;;
```

```
*) dflt="$man3dir" ;;
```

```
esac
```

```
case "$dflt" in
```

```
' ') dflt=none ;;
```

```
esac
```

```
echo " "
```

```
fn=dn+~
```

```
rp="Where do the $package library man pages (source) go?"
```

```
./getfile
```

```
prefixvar=man3dir
```

```
./setprefixvar
```

```
case "$man3dir" in
```

```
) man3dir=' '
```

```
installman3dir=";;
```

```
esac
```

: What suffix to use on installed man pages

```
case "$man3dir" in
```

```
' )
```

```
man3ext='0'
```

```

;;
*)
rp="What suffix should be used for the $package library man pages?"
case "$man3ext" in
") case "$man3dir" in
*3) dflt=3 ;;
*3p) dflt=3p ;;
*3pm) dflt=3pm ;;
*1) dflt=1;;
*n) dflt=n;;
*o) dflt=o;;
*p) dflt=p;;
*C) dflt=C;;
*L) dflt=L;;
*L3) dflt=L3;;
*) dflt=3;;
esac
;;
*) dflt="$man3ext";;
esac
./myread
man3ext="$ans"
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/man3dir.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_getpgid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_getpgid.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:33:44 ram
?RCS: patch61: created
?RCS:
?MAKE:d_getpgid: Inlibc
?MAKE:-pick add $@ %<
?S:d_getpgid:

```

?S: This variable conditionally defines the HAS_GETPGID symbol, which
 ?S: indicates to the C program that the getpgid(pid) function
 ?S: is available to get the process group id.
 ?S:.
 ?C:HAS_GETPGID:
 ?C: This symbol, if defined, indicates to the C program
 that
 ?C: the getpgid(pid) function is available to get the
 ?C: process group id.
 ?C:.
 ?H:#\$d_getpgid HAS_GETPGID /**/
 ?H:.
 ?LINT:set d_getpgid
 : see if getpgid exists
 set getpgid d_getpgid
 eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getpgid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999, Jarkko Hietaniemi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_stdio_stream_array stdio_stream_array: run \

Compile cat rm_try Oldconfig Myread Setvar

?MAKE: -pick add \$@ %<

?S:d_stdio_stream_array:

?S: This variable tells whether there is an array holding

?S: the stdio streams.

?S:.

?S:stdio_stream_array:

?S: This variable tells the name of the array holding the stdio streams.

?S: Usual values include _job, __job, and __sF.

?S:.

?C:HAS_STDIO_STREAM_ARRAY:

?C: This symbol, if defined, tells that there is an array

?C: holding the stdio streams.

?C:.

?C:STDIO_STREAM_ARRAY:


```

?C: This
symbol tells the name of the array holding the stdio streams.
?C: Usual values include _iob, __iob, and __sF.
?C:.
?H:#$d_stdio_stream_array HAS_STDIO_STREAM_ARRAY /**/
?H:?%<:#ifdef HAS_STDIO_STREAM_ARRAY
?H:?%<:#define STDIO_STREAM_ARRAY $stdio_stream_array
?H:?%<:#endif
?H:.
?T:s
?F:!try
: Check stream access
$cat >&4 <<EOM
Checking how to access stdio streams by file descriptor number...
EOM
case "$stdio_stream_array" in
") $cat >try.c <<EOCP
#include <stdio.h>
int main() {
if (&STDIO_STREAM_ARRAY[fileno(stdin)] == stdin)
printf("yes\n");
}
EOCP
for s in _iob __iob __sF
do
set try -DSTDIO_STREAM_ARRAY=$s
if eval $compile; then
case "`$run ./try`" in
yes) stdio_stream_array=$s; break ;;
esac
fi
done
$rm_try
esac
case "$stdio_stream_array" in
") $cat >&4 <<EOM
I can't figure out how to access stdio streams by file descriptor number.
EOM
d_stdio_stream_array="$undef"
;;
*) $cat >&4 <<EOM
You can access stdio streams by file descriptor number
by the $stdio_stream_array array.
EOM
d_stdio_stream_array="$define"
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/stdio_streams.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998, Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:i_inttypes: Inhdr cat rm_try Setvar Compile

?MAKE: -pick add \$@ %<

?S:i_inttypes:

?S: This variable conditionally defines the I_INTTYPES symbol,

?S: and indicates whether a C program should include <inttypes.h>.

?S:.

?C:I_INTTYPES:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <inttypes.h>.

?C:.

?H:#\$i_inttypes I_INTTYPES /**/

?H:.

?LINT:set i_inttypes

: see if inttypes.h is available

: we want a real compile instead of Inhdr because some systems

: have an inttypes.h

which includes non-existent headers

echo " "

\$cat >try.c <<EOCP

#include <inttypes.h>

int main() {

static int32_t foo32 = 0x12345678;

}

EOCP

set try

if eval \$compile; then

echo "<inttypes.h> found." >&4

val="\$define"

else

echo "<inttypes.h> NOT found." >&4

val="\$undef"

fi

\$rm_try

```
set i_inttypes
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_inttypes.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Oldconfig.U,v 3.0.1.10 1997/02/28 15:06:39 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Oldconfig.U,v $
?RCS: Revision 3.0.1.10 1997/02/28 15:06:39 ram
?RCS: patch61: added support for src.U
?RCS: patch61: new OSNAME define
?RCS: patch61: can now sense new OSes
?RCS:
?RCS: Revision 3.0.1.9 1995/07/25 13:40:51 ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.8 1995/05/12 12:04:18 ram
?RCS: patch54: config.sh reload logic now knows about new -K switch
?RCS: patch54: cleaned up and extended osvers for DEC
OSF/1 (ADO)
?RCS: patch54: added MachTen detection (ADO)
?RCS:
?RCS: Revision 3.0.1.7 1995/02/15 14:13:41 ram
?RCS: patch51: adapted osvers computation for AIX (ADO)
?RCS:
?RCS: Revision 3.0.1.6 1995/01/30 14:27:15 ram
?RCS: patch49: unit Options.U now exports file optdef.sh, not a variable
?RCS: patch49: update code for myuname changed (WED)
?RCS:
?RCS: Revision 3.0.1.5 1995/01/11 15:15:36 ram
?RCS: patch45: added quotes around the INITPROG variable (ADO)
?RCS: patch45: allows variable overriding after config file loading
?RCS:
?RCS: Revision 3.0.1.4 1994/10/29 15:57:05 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: merged with the version used for perl5's Configure (ADO)
?RCS:
```

?RCS: Revision 3.0.1.3 1994/05/06 14:24:17 ram

?RCS: patch23: added support for osf1 hints

?RCS: patch23: new support for solaris and i386 systems (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1994/01/24 14:05:02 ram

?RCS: patch16: added post-processing on myuname for Xenix targets

?RCS:

patch16: message proposing config.sh defaults made consistent

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 15:56:32 ram

?RCS: patch10: force use of config.sh when -d option is used (WAD)

?RCS: patch10: complain about non-existent hint files (WAD)

?RCS: patch10: added Options dependency for fastread variable

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:12 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit tries to remember what we did last time we ran Configure, mostly

?X: for the sake of setting defaults.

?X:

?MAKE:Oldconfig hint myuname osname osvers: Instruct Myread uname \
 Checkcc Mksymlinks run \
 sh awk sed test cat rm lns tr n c contains Loc Options Tr src trnl ln

?MAKE: -pick wipe \$@ %<

?S:myuname:

?S: The output of 'uname -a' if available, otherwise the hostname.

?S: The whole thing is then lower-cased and slashes and single quotes are

?S: removed.

?S:.

?S:hint:

?S: Gives the type of hints used for previous answers. May be one of

?S: "default",

"recommended" or "previous".

?S:.

?S:osname:

?S: This variable contains the operating system name (e.g. sunos,

?S: solaris, hpux, etc.). It can be useful later on for setting

?S: defaults. Any spaces are replaced with underscores. It is set

?S: to a null string if we can't figure it out.

?S:.

?S:osvers:

?S: This variable contains the operating system version (e.g.

?S: 4.1.3, 5.2, etc.). It is primarily used for helping select

?S: an appropriate hints file, but might be useful elsewhere for

?S: setting defaults. It is set to " if we can't figure it out.

?S: We try to be flexible about how much of the version number

?S: to keep, e.g. if 4.1.1, 4.1.2, and 4.1.3 are essentially the

?S: same for this package, hints files might just be os_4.0 or
 ?S: os_4.1, etc., not keeping separate files for each little release.
 ?S:.
 ?C:OSNAME:
 ?C: This symbol contains the name of the operating system, as determined
 ?C: by Configure. You shouldn't rely on it too much; the specific
 ?C: feature tests
 from Configure are generally more reliable.
 ?C:.
 ?C:OSVERS:
 ?C: This symbol contains the version of the operating system, as determined
 ?C: by Configure. You shouldn't rely on it too much; the specific
 ?C: feature tests from Configure are generally more reliable.
 ?C:.
 ?H:#define OSNAME "\$osname" /**/
 ?H:#define OSVERS "\$osvers" /**/
 ?H:.
 ?F:!config.sh
 ?T:tmp tmp_n tmp_c tmp_sh file
 ?T:xxxxfile xxxfile xxfile xfile hintfile newmyuname
 ?T:tans _ isesix INITPROG DJGPP
 ?D:osname="
 ?LINT:change n c sh
 ?LINT:extern targetarch
 ?LINT:extern hostarch
 ?LINT:change hostarch
 ?LINT:extern is_os2
 : Try to determine whether config.sh was made on this system
 case "\$config_sh" in
 ")
 ?X: indentation wrong on purpose--RAM
 ?X: Leave a white space between first two '(' for ksh. The sub-shell is needed
 ?X: on some machines to avoid the error message when uname is not found; e.g.
 ?X: old SUN-OS 3.2 would not execute hostname in (uname -a || hostname). Sigh!
 ?X: Now not using a subshell but instead \$test.
 myuname=`\$uname
 -a 2>/dev/null`
 \$test -z "\$myuname" && myuname=`hostname 2>/dev/null`
 # Downcase everything to avoid ambiguity.
 # Remove slashes and single quotes so we can use parts of this in
 # directory and file names.
 # Remove newlines so myuname is sane to use elsewhere.
 # tr '[A-Z]' '[a-z]' would not work in EBCDIC
 # because the A-Z/a-z are not consecutive.
 myuname=`echo \$myuname | \$sed -e "s,[/],g" | \
 ./tr '[A-Z]' '[a-z]' | \$tr \$trnl ' `'
 ?X: Save the value we just computed to reset myuname after we get done here.
 newmyuname="\$myuname"

```

dflt=n
case "$knowitall" in
")
if test -f ../config.sh; then
if $contains myuname= ../config.sh >/dev/null 2>&1; then
eval "`grep myuname= ../config.sh`"
fi
if test "X$myuname" = "X$newmyuname"; then
dflt=y
fi
fi
;;
*) dflt=y;;
esac

@if {test -d ../hints}
: Get old answers from old config file if Configure was run on the
: same system, otherwise use the hints.
hint=default
cd ..
?X: Since we are now at the root of the source
tree, we must use $src
?X: to access the sources and not $rsrc. See src.U for details...
if test -f config.sh; then
echo " "
rp="I see a config.sh file. Shall I use it to set the defaults?"
. UU/myread
case "$ans" in
n*|N*) echo "OK, I'll ignore it."
mv config.sh config.sh.old
myuname="$newmyuname"
;;
*) echo "Fetching default answers from your old config.sh file..." >&4
tmp_n="$n"
tmp_c="$c"
tmp_sh="$sh"
. ./config.sh
cp config.sh UU
n="$tmp_n"
c="$tmp_c"
: Older versions did not always set $sh. Catch re-use of such
: an old config.sh.
case "$sh" in
") sh="$tmp_sh" ;;
esac
hint=previous
;;
esac

```

```

fi
./UU/checkcc
if test ! -f config.sh; then
$cat <<EOM

```

First time through, eh? I have some defaults handy for some systems that need some extra help getting the Configure answers right:

```

EOM
(cd $src/hints; ls -C *.sh) | $sed 's/\.sh/ /g' >&4
dflt="
: Half the following guesses are probably wrong... If you have better
: tests or hints,
: please send them to <MAINTLOC>
: The metaconfig authors would also appreciate a copy...
$test -f /irix && osname=irix
$test -f /xenix && osname=sco_xenix
$test -f /dynix && osname=dynix
$test -f /dnix && osname=dnix
$test -f /lynx.os && osname=lynxos
$test -f /unicos && osname=unicos && osvers=`$uname -r`
$test -f /unicosmk && osname=unicosmk && osvers=`$uname -r`
$test -f /unicosmk.ar && osname=unicosmk && osvers=`$uname -r`
$test -f /bin/mips && /bin/mips && osname=mips
$test -d /usr/apollo/bin && osname=apollo
$test -f /etc/saf/_sactab && osname=svr4
$test -d /usr/include/minix && osname=minix && osvers=`$uname -r`
$test -f /system/gnu_library/bin/ar.pm && osname=vos
$test -f /sys/utilities/MultiView && osname=amigaos
if $test -d /MachTen -o -d /MachTen_Folder; then
?X: MachTen uname -a output looks like
?X: xxx 4 0.0 Macintosh
?X: MachTen /sbin/version output looks like
?X: MachTen 4.0 Mon Aug 28 10:18:00 1995
?X: MachTen 3.x had the 'version' command in /usr/etc/version.
osname=machten
if
$test -x /sbin/version; then
osvers=`/sbin/version | $awk '{print $2}' |
$sed -e 's/[A-Za-z]$/'`
elif $test -x /usr/etc/version; then
osvers=`/usr/etc/version | $awk '{print $2}' |
$sed -e 's/[A-Za-z]$/'`
else
osvers="$2.$3"
fi
fi

```

```

$test -f /sys/posix.dll &&
$test -f /usr/bin/what &&
set X `usr/bin/what /sys/posix.dll` &&
$test "$3" = UWIN &&
osname=uwin &&
osvers="$5"

```

?X: If we have uname, we already computed a suitable uname -a output,

?X: and it lies in \$myuname.

```

if $test -f $uname; then
set X $myuname
shift

```

```

case "$5" in
fps*) osname=fps ;;
mips*)
case "$4" in
umips) osname=umips ;;
*) osname=mips ;;
esac;;
[23]100) osname=mips ;;

```

?X: Interactive Unix.

```

i386*)
tmp=`/bin/uname -X 2>/dev/null|awk '/3\.2v[45]{ print $(NF) }`
if $test "$tmp" != "" -a "$3" = "3.2" -a -f /etc/systemid; then
osname='sco'
osvers=$tmp
elif $test -f /etc/kconfig; then
osname=isc
if
test "$lns" = "$ln -s"; then
osvers=4
elif $contains _SYSV3 /usr/include/stdio.h > /dev/null 2>&1 ; then
osvers=3
elif $contains _POSIX_SOURCE /usr/include/stdio.h > /dev/null 2>&1 ; then
osvers=2
fi
fi
tmp=""
;;

```

?X: MS-DOS djgpp uname -a output looks like:

?X: ms-dos xxx 6 22 pc

?X: \$1 is the "dos flavor" (need not be "ms-dos").

?X: \$2 is the node name

?X: \$3 and \$4 are version/subversion

?X: \$5 is always "pc", but that might not be unique to DJGPP.

?X: (e.g. Solaris_x86 has \$5 = i86pc, which doesn't actually conflict,

?X: but it's close enough that I can easily imagine other vendors also

?X: using variants of pc* in \$5.)

?X: The "DJGPP" environment variable is always set when djgpp is active.

```
pc*)
if test -n "$DJGPP"; then
  osname=dos
  osvers=djgpp
fi
;;
esac
```

```
case "$1" in
aix) osname=aix
```

?X: aix 4.1 uname -a output looks like

?X: AIX foo 1 4 000123456789

?X: where \$4 is the major release number and \$3 is the (minor) version.

?X: More detail on the version is available with the oslevel command.

?X: in 3.2.x, it output a string (see case statements below). In 4.1,

?X: it puts out something like 4.1.1.0

```
tmp=`( oslevel) 2>/dev/null || echo "not found") 2>&1`
case "$tmp" in
# oslevel can fail with:
# oslevel: Unable to acquire lock.
*not\ found) osvers="$4"."$3" ;;
'<3240'|<>3240') osvers=3.2.0 ;;
'=3240'|>3240'|<3250'|<>3250') osvers=3.2.4 ;;
'=3250'|>3250') osvers=3.2.5 ;;
*) osvers=$tmp;;
esac
;;
bitrig) osname=bitrig
osvers="$3"
;;
bsd386) osname=bsd386
osvers=`$uname -r`
;;
cygwin*) osname=cygwin
osvers="$3"
;;
*dc.osx) osname=dcosx
osvers="$3"
;;
dnix) osname=dnix
osvers="$3"
;;
domainos) osname=apollo
osvers="$3"
;;
```

```

dgux) osname=dgux
osvers="$3"
;;
dragonfly) osname=dragonfly
osvers="$3"
;;
?X: uname -a returns
?X: DYNIX/ptx xxx 4.0 V4.1.2 i386
dynixptx*) osname=dynixptx
osvers=`echo
"$4"|sed 's/^v//'^
;;
freebsd) osname=freebsd
osvers="$3" ;;
genix) osname=genix ;;
?X: GNU/Hurd uname -a gives something like:
?X: GNU foo 0.3 GNU-Mach 1.4/Hurd-0.3 i386-AT386 GNU
?X: GNU gnu 0.3 GNUmach-1.2/Hurd-0.3 i386-AT386 GNU
?X: Note the hostname on the second one, which will fool Configure
?X: into using the SysV case!
gnu) osname=gnu
osvers="$3" ;;
?X: HP-UX uname -a gives something like
?X: HP-UX foobar B.10.20 A 9000/735 2016483812 two-user license
?X: Preserve the full 10.20 string instead of the previous plain '10'.
?X: Thanks to Graham Barr. --AD 6/30/1998
hp*) osname=hpx
osvers=`echo "$3" | $sed 's,.*\.[0-9]*\.[0-9]*),\1,'
;;
irix*) osname=irix
case "$3" in
4*) osvers=4 ;;
5*) osvers=5 ;;
*) osvers="$3" ;;
esac
;;
linux) osname=linux
case "$3" in
*) osvers="$3" ;;
esac
$stest -f /system/lib/libandroid.so && osname=linux-android
;;
MiNT) osname=mint
;;
minix) osname=minix
osvers=`$uname -r`
;;
netbsd*)

```

```

osname=netbsd
osvers="$3"
;;
news-os) osvers="$3"
case "$3" in
4*) osname=newsos4 ;;
*) osname=newsos ;;
esac
;;
nonstop-ux) osname=nonstopux ;;
openbsd) osname=openbsd
osvers="$3"
;;
os2) osname=os2
osvers="$4"
;;
POSIX-BC | posix-bc ) osname=posix-bc
osvers="$3"
;;
powerux | power_ux | powermax_os | powermaxos | \
powerunix | power_unix) osname=powerux
osvers="$3"
;;
qnx) osname=qnx
osvers="$4"
;;
solaris) osname=solaris
case "$3" in
5*) osvers=`echo $3 | $sed 's/^5/2/g'` ;;
*) osvers="$3" ;;
esac
;;
sunos) osname=sunos
case "$3" in
5*) osname=solaris
osvers=`echo $3 | $sed 's/^5/2/g'` ;;
*) osvers="$3" ;;
esac
;;
titanos) osname=titanos
case "$3" in
1*) osvers=1 ;;
2*) osvers=2 ;;
3*) osvers=3 ;;
4*) osvers=4 ;;
*) osvers="$3" ;;
esac
;;

```

```

ultrix) osname=ultrix
osvers="$3"
;;
osf1|mips) case "$5" in
alpha)
?X: DEC OSF/1 myuname
-a output looks like: osf1 xxxx t3.2 123.4 alpha
?X: where the version number can be something like [xvt]n.n
osname=dec_osf
?X: sizer knows the minor minor version: the letter
osvers=`sizer -v | awk -FUNIX '{print $2}' | awk '{print $1}' | tr '[A-Z]' '[a-z]' | sed 's/^[xvt]//'^
case "$osvers" in
[1-9].[0-9]*) ;;
*) osvers=`echo "$3" | sed 's/^[xvt]//'^ ;;
esac
;;
hp*) osname=hp_osf1 ;;
mips) osname=mips_osf1 ;;
?X: hp and mips were unsupported Technology Releases -- ADO, 24/10/94
esac
;;
# UnixWare 7.1.2 is known as Open UNIX 8
openunix|unixware) osname=svr5
osvers="$4"
;;
uts) osname=uts
osvers="$3"
;;
vos) osvers="$3"
;;
$2) case "$osname" in
*isc*) ;;
*freebsd*) ;;
svr*)
: svr4.x or possibly later
case "svr$3" in
${osname}*)
osname=svr$3
osvers=$4
;;
esac
case "$osname" in
svr4.0)
: Check for ESIX
if test -f /stand/boot ; then
eval `grep '^INITPROG=[a-z/0-9]*$'
/stand/boot`
if test -n "$INITPROG" -a -f "$INITPROG"; then

```

```
isesix=`strings -a $INITPROG|grep 'ESIX SYSTEM V/386 Release 4.0`
```

```
if test -n "$isesix"; then
```

```
osname=esix4
```

```
fi
```

```
fi
```

```
fi
```

```
::
```

```
esac
```

```
::
```

```
*) if test -f /etc/systemid; then
```

```
osname=sco
```

```
set `echo $3 | $sed 's/\./ /g` $4
```

```
if $test -f $src/hints/sco_$1_$2_$3.sh; then
```

```
osvers=$1.$2.$3
```

```
elif $test -f $src/hints/sco_$1_$2.sh; then
```

```
osvers=$1.$2
```

```
elif $test -f $src/hints/sco_$1.sh; then
```

```
osvers=$1
```

```
fi
```

```
else
```

```
case "$osname" in
```

```
) : Still unknown. Probably a generic Sys V.
```

```
osname="sysv"
```

```
osvers="$3"
```

```
::
```

```
esac
```

```
fi
```

```
::
```

```
esac
```

```
::
```

```
*) case "$osname" in
```

```
) : Still unknown. Probably a generic BSD.
```

```
osname="$1"
```

```
osvers="$3"
```

```
::
```

```
esac
```

```
::
```

```
esac
```

```
else
```

```
?X: Try to identify sony's NEWS-OS (BSD unix)
```

```
if test -f /vmunix -a -f $src/hints/news_os.sh; then
```

```
(what /vmunix | UU/tr '[A-Z]'
```

```
'[a-z]') > UU/kernel.what 2>&1
```

```
if $contains news-os UU/kernel.what >/dev/null 2>&1; then
```

```
osname=news_os
```

```
fi
```

```
$rm -f UU/kernel.what
```

```
?X: Maybe it's OS/2 or DOS or something similar
```

```

elif test -d c:/ -o -n "$is_os2" ; then
set X $myuname
osname=os2
osvers="$5"
fi
fi

case "$targetarch" in
") ;;
*) hostarch=$osname
case "$targetarch" in
nto*|*-nto-*)
# Will load qnx.sh, which should change osname to nto
osname=qnx
osvers=""
;;
*linux-android*)
# Catch arm-linux-androideabi, mipsel-linux-android,
# and i686-linux-android
osname=linux-android
osvers=""
;;
*linux*)
# Something like arm-linux-gnueabi is really just
# plain linux.
osname=linux

osvers=""
;;
*solaris*|*sunos*)
osname=solaris
# XXX perhaps we should just assume
# osvers to be 2, or maybe take the value
# from targetarch. Using $run before the
# hints are run is somewhat icky.
set X ` $run $uname -a 2>/dev/null `
shift
case "$3" in
5*) osvers=`echo $3 | $sed 's/^5/2/g'` ;;
*) osvers="$3" ;;
esac
;;
*)
osname=`echo $targetarch|sed 's,^[^]*-,`
osvers=""
;;
esac
;;

```

esac

: Now look for a hint file osname_osvers, unless one has been
: specified already.

case "\$hintfile" in

"|')

file=`echo "\${osname}_\${osvers}" | \$sed -e 's%\.\%_g' -e 's%_\$\$%'`

: Also try without trailing minor version
numbers.

xfile=`echo \$file | \$sed -e 's%_[^_]*\$%'`

xxfile=`echo \$xfile | \$sed -e 's%_[^_]*\$%'`

xxxfile=`echo \$xxfile | \$sed -e 's%_[^_]*\$%'`

xxxxfile=`echo \$xxxfile | \$sed -e 's%_[^_]*\$%'`

case "\$file" in

") dflt=none ;;

*) case "\$osvers" in

") dflt=\$file

;;

*) if \$test -f \$src/hints/\$file.sh ; then

dflt=\$file

elif \$test -f \$src/hints/\$xfile.sh ; then

dflt=\$xfile

elif \$test -f \$src/hints/\$xxfile.sh ; then

dflt=\$xxfile

elif \$test -f \$src/hints/\$xxxfile.sh ; then

dflt=\$xxxfile

elif \$test -f \$src/hints/\$xxxxfile.sh ; then

dflt=\$xxxxfile

elif \$test -f "\$src/hints/\${osname}.sh" ; then

dflt="\${osname}"

else

dflt=none

fi

;;

esac

;;

esac

if \$test -f Policy.sh ; then

case "\$dflt" in

Policy) ;;

none) dflt="Policy" ;;

*) dflt="Policy \$dflt" ;;

esac

fi

;;

*)

dflt=`echo \$hintfile | \$sed 's/\.sh\$//`

;;

```
esac
```

```
if $test -f Policy.sh ; then  
$cat <<EOM
```

There's also

a Policy hint file available, which should make the site-specific (policy) questions easier to answer.

EOM

```
fi
```

```
$cat <<EOM
```

You may give one or more space-separated answers, or "none" if appropriate.

If you have a handcrafted Policy.sh file or a Policy.sh file generated by a previous run of Configure, you may specify it as well as or instead of OS-specific hints. If hints are provided for your OS, you should use them: although Perl can probably be built without hints on many platforms, using hints often improve performance and may enable features that Configure can't set up on its own. If there are no hints that match your OS, specify "none"; DO NOT give a wrong version or a wrong OS.

EOM

```
rp="Which of these apply, if any?"  
. UU/myread  
tans=$ans  
for file in $stans; do  
if $test X$file = XPolicy -a -f Policy.sh; then  
. Policy.sh  
$cat Policy.sh >> UU/config.sh  
elif $test -f $src/hints/$file.sh; then  
. $src/hints/$file.sh  
$cat $src/hints/$file.sh >> UU/config.sh  
elif  
$test X"$stans" = X -o X"$stans" = Xnone ; then  
: nothing  
else  
: Give one chance to correct a possible typo.  
echo "$file.sh does not exist"  
dflt=$file  
rp="hint to use instead?"  
. UU/myread  
for file in $ans; do  
if $test -f "$src/hints/$file.sh"; then  
. $src/hints/$file.sh  
$cat $src/hints/$file.sh >> UU/config.sh
```



```

elif $test X$sans = X -o X$sans = Xnone ; then
    : nothing
else
    echo "$file.sh does not exist -- ignored."
fi
done
fi
done

hint=recommended
: Remember our hint file for later.
if $test -f "$src/hints/$file.sh" ; then
    hintfile="$file"
else
    hintfile=""
fi
fi
cd UU
?X: From here on, we must use $src instead of $src
@else
: Get old answers, if there is a config file out there
hint=default
hintfile=""
if test -f ../config.sh; then
    echo " "
    rp="I see a config.sh file. Shall I use it to set the defaults?"
    . ./myread
    case "$ans" in
n*|N*) echo "OK, I'll ignore it.";;
*) echo "Fetching default answers from
your old config.sh file..." >&4
    tmp_n="$n"
    tmp_c="$c"
    . ../config.sh
    cp ../config.sh .
    n="$tmp_n"
    c="$tmp_c"
    hint=previous
    ;;
esac
fi
@end
?X: remember, indentation is wrong--RAM
;;
*)
echo " "
echo "Fetching default answers from $config_sh..." >&4
tmp_n="$n"

```

```

tmp_c="$c"
cd ..
?X: preserve symbolic links, if any
cp $config_sh config.sh 2>/dev/null
chmod +w config.sh
./config.sh
cd UU
cp ../config.sh .
n="$tmp_n"
c="$tmp_c"
hint=previous
;;
esac
./optdef.sh

```

```

: Restore computed paths
for file in $loclist $strylist; do
    eval $file="\$_$file"
done

```

```

@if osname || osvers
cat << EOM

```

Configure uses the operating system name and version to set some defaults. The default value is probably right if the name rings a bell. Otherwise, since spelling matters for me, either accept the default or answer "none" to leave it blank.

```

EOM
@end
@if osname
case "$osname" in
'| ')
    case "$hintfile" in
'| |none) dflt=none ;;
*) dflt=`echo $hintfile | $sed -e 's/\^.sh$/'
-e 's/_.*$/^' ;;
esac
;;
*) dflt="$osname" ;;
esac
rp="Operating system name?"
./myread
case "$ans" in
none) osname=" ;;
*) osname=`echo "$ans" | $sed -e 's/[ ][ ]*/_/g' | ./tr '[A-Z]' '[a-z]`;
esac
@end

```

```

@if osvers
@if osname
echo " "
@end
case "$osvers" in
'| ')
case "$hintfile" in
'| |none) dflt=none ;;
*) dflt=`echo $hintfile | $sed -e 's/\.sh$//' -e 's/^[^_]*//'^
dflt=`echo $dflt | $sed -e 's/^\_//' -e 's/_/./g'^
case "$dflt" in
'| ') dflt=none ;;
esac
;;
esac
;;
*) dflt="$osvers" ;;
esac
rp="Operating system version?"
./myread
case "$ans" in
none) osvers="" ;;
*) osvers="$ans" ;;
esac

@end

./posthint.sh

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Oldconfig.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_srandom_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_srandom_r srandom_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_stdlib extern_C

?MAKE: -pick add \$@ %<

?S:d_srandom_r:

?S: This variable conditionally defines the HAS_SRANDOM_R symbol,

?S: which indicates to the C program that the srandom_r()

?S: routine is available.

?S:.

?S:srandom_r_proto:

?S: This variable encodes the prototype of srandom_r.

?S: It is zero if d_srandom_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_srandom_r

?S: is defined.

?S:.

?C:HAS_SRANDOM_R:

?C: This symbol, if defined, indicates that the srandom_r routine

?C: is available to srandom re-entrantly.

?C:.

?C:SRANDOM_R_PROTO:

?C: This

symbol encodes the prototype of srandom_r.

?C: It is zero if d_srandom_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_srandom_r

?C: is defined.

?C:.

?H:#\$d_srandom_r HAS_SRANDOM_R /**/

?H:#define SRANDOM_R_PROTO \$srandom_r_proto /**/

?H:.

?T:try hdrs d_srandom_r_proto

: see if srandom_r exists

set srandom_r d_srandom_r

eval \$inlibc

case "\$d_srandom_r" in

"\$define")

hdrs="\$i_systypes sys/types.h define stdio.h \$i_stdlib stdlib.h"

case "\$d_srandom_r_proto:\$usetreads" in

":define") d_srandom_r_proto=define

set d_srandom_r_proto srandom_r \$hdrs

eval \$hasproto ;;

*) ;;

esac

case "\$d_srandom_r_proto" in

define)

case "\$srandom_r_proto" in

"|0) try='int srandom_r(unsigned int, struct random_data*);'

./protochk "\$extern_C \$try" \$hdrs && srandom_r_proto=I_TS ;;

esac

case "\$srandom_r_proto" in

"|0) d_srandom_r=undef

srandom_r_proto=0

echo "Disabling srandom_r, cannot determine prototype." >&4 ;;

*

) case "\$srandom_r_proto" in

REENTRANT_PROTO*) ;;

```

*) srandom_r_proto="REENTRANT_PROTO_$(srandom_r_proto) ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susetthreads" in
define) echo "srandom_r has no prototype, not using it." >&4 ;;
esac
d_srandom_r=undef
srandom_r_proto=0
;;
esac
;;
*) srandom_r_proto=0
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_srandom_r.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setsid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setsid.U,v $
?RCS: Revision 3.0.1.1 1994/01/24 14:06:49 ram
?RCS: patch16: created
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:56 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setsid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setsid:
?S: This variable conditionally defines HAS_SETSID if setsid() is
?S: available to set the process group ID.
?S:.
?C:HAS_SETSID:
?C: This symbol, if defined, indicates that the setsid routine is
?C: available

```

to set the process group ID.

?C:.

?H:#\$d_setsid HAS_SETSID /**/

?H:.

?LINT:set d_setsid

: see if setsid exists

set setsid d_setsid

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setsid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2005 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_clearenv: Inlibc

?MAKE: -pick add \$@ %<

?S:d_clearenv:

?S: This variable conditionally defines the HAS_CLEARENV symbol, which

?S: indicates to the C program that the clearenv () routine is available.

?S:.

?C:HAS_CLEARENV:

?C: This symbol, if defined, indicates that the clearenv () routine is

?C: available for use.

?C:.

?H:#\$d_clearenv HAS_CLEARENV /**/

?H:.

?LINT:set d_clearenv

: see if clearenv exists

set clearenv d_clearenv

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_clearenv.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_remquo: Inlibc

?MAKE: -pick add \$@ %<

?S:d_remquo:
 ?S: This variable conditionally defines the HAS_REMQUO symbol, which
 ?S: indicates to the C program that the remquo() routine is available.
 ?S:.
 ?C:HAS_REMQUO:
 ?C: This symbol, if defined, indicates that the remquo routine is
 ?C: available to return the remainder and part of quotient.
 ?C:.
 ?H:#\$d_remquo HAS_REMQUO /**/
 ?H:.
 ?LINT:set d_remquo
 : see if remquo exists
 set remquo d_remquo
 eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_remquo.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_gdbm.U 1 2006-08-24 12:32:52Z rmanfredi \$
 ?RCS:
 ?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
 ?RCS:
 ?RCS: You may redistribute only under the terms of the Artistic Licence,
 ?RCS: as specified in the README file that comes with the distribution.
 ?RCS: You may reuse parts of this distribution only within the terms of
 ?RCS: that same Artistic Licence; a copy of which may be found at the root
 ?RCS: of the source tree for dist 4.0.
 ?RCS:
 ?RCS: \$Log: i_gdbm.U,v \$
 ?RCS: Revision 3.0.1.1 1995/05/12 12:16:39 ram
 ?RCS: patch54: made more robust by checking both header and lib (ADO)
 ?RCS:
 ?RCS: Revision 3.0 1993/08/18 12:08:19 ram
 ?RCS: Baseline for dist 3.0 netwide release.
 ?RCS:
 ?MAKE:i_gdbm: Inhdr Inlibc Setvar
 ?MAKE:-pick add \$@ %<
 ?S:i_gdbm (d_gdbm):
 ?S: This variable conditionally defines the I_GDBM symbol, which
 ?S: indicates to the C program that <gdbm.h> exists and should
 ?S: be included.
 ?S:.
 ?C:I_GDBM
 (HAS_GDBM):
 ?C: This symbol, if defined, indicates that <gdbm.h> exists and should
 ?C: be included.

```

?C:.
?H:#$i_gdbm I_GDBM /**/
?H:.
?T:t_gdbm d_gdbm_open
?LINT:set i_gdbm
: see if gdbm.h is available
?X: t_gdbm is a tentative check. We might just have the .h, not the lib -- ADO
set gdbm.h t_gdbm
eval $inhdr
case "$t_gdbm" in
$define)
: see if gdbm_open exists
set gdbm_open d_gdbm_open
eval $inlibc
case "$d_gdbm_open" in
$undef)
t_gdbm="$undef"
echo "We won't be including <gdbm.h>"
;;
esac
;;
esac
val="$t_gdbm"
set i_gdbm
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_gdbm.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2004 H.Merijn Brand

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_strlcpy: Inlibc Hasproto d_gnulibc

?MAKE: -pick add \$@ %<

?S:d_strlcpy:

?S: This variable conditionally defines the HAS_STRLCPY symbol, which

?S: indicates to the C program that the strlcpy () routine is available.

?S:.

?C:HAS_STRLCPY:

?C: This symbol, if defined, indicates that the strlcpy () routine is

?C: available to do string copying.

?C:.


```

?H:#$d_strlcpy HAS_STRLCPY /**/
?H:.
?T:d_strlcpy_proto xx1 xx2 xx3 xx4
?LINT:set d_strlcpy
: see if strlcpy exists
: We need both a prototype in string.h and the symbol in libc.
echo " "
d_strlcpy_proto="
xx1="#$d_gnulibc HAS_GNULIBC"
xx2="#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)"
xx3="# define _GNU_SOURCE"
xx4="#endif"
set d_strlcpy_proto strlcpy
literal "$xx1" literal "$xx2" literal "$xx3" literal "$xx4" define string.h
eval $hasproto
case "$d_strlcpy_proto" in
  define) # see if strlcpy exists
    set strlcpy d_strlcpy
    eval $inlibc
    ;;
  *) val=$undef
    set d_strlcpy
    eval $setvar
    ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strlcpy.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_memcpy.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_memcpy.U,v $
?RCS: Revision 3.0.1.1 1993/09/13 16:02:58 ram
?RCS: patch10: removed text recommending bcopy over memcpy (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:34 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:

```

?MAKE:d_memcpy: Inlibc
?MAKE: -pick add \$@ %<
?S:d_memcpy:
?S: This variable conditionally defines the HAS_MEMCPY symbol, which
?S: indicates to the C program that the memcpy() routine is available
?S: to copy blocks of
memory.
?S:.
?C:HAS_MEMCPY (MEMCPY):
?C: This symbol, if defined, indicates that the memcpy routine is available
?C: to copy blocks of memory.
?C:.
?H:#\$d_memcpy HAS_MEMCPY /**/
?H:.
?LINT:set d_memcpy
: see if memcpy exists
set memcpy d_memcpy
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memcpy.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_perlio.U,v \$
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: \$Log: d_perlio.U,v \$
?RCS:
?MAKE:useperlio: Myread Oldconfig Setvar
?MAKE: -pick add \$@ %<
?Y:TOP
?S:useperlio:
?S: This variable conditionally defines the USE_PERLIO symbol,
?S: and indicates that the PerLIO abstraction should be
?S: used throughout.
?S:.
?C:USE_PERLIO:
?C: This symbol, if defined, indicates that the PerLIO abstraction should
?C: be used throughout. If not defined, stdio should be
?C: used in a fully backward compatible manner.
?C:.
?H:?%<:#ifndef USE_PERLIO
?H:?%<:#\$useperlio USE_PERLIO /**/

```
?H:?%<:#endif
?H:.
: Check if we want perlio
useperlio="$define"
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/useperlio.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 2017, 2019, Karl Williamson
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?MAKE:i_wctype: Inhdr
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_wctype:
```

```
?S: This variable conditionally defines the I_WCTYPE symbol,
```

```
?S: that indicates whether a C program may include <wctype.h>.
```

```
?S:.
```

```
?C:I_WCTYPE:
```

```
?C: This symbol, if defined, indicates that <wctype.h> exists.
```

```
?C:.
```

```
?H:#$i_wctype I_WCTYPE /**/
```

```
?H:.
```

```
?LINT:set i_wctype
```

```
: see if this system has wctype.h
```

```
set wctype.h i_wctype
```

```
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_wctype.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_msgsnd.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```

?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_msgsnd.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:41 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_msgsnd: Inlibc
?MAKE: -pick add $@ %<
?S:d_msgsnd:
?S: This variable conditionally defines the HAS_MSGSND symbol, which
?S: indicates to the C program that the msgsnd() routine is available.
?S:.
?C:HAS_MSGSND:
?C: This symbol, if defined, indicates that the msgsnd() routine is
?C: available to send a message into the message queue.
?C:.
?H:#$d_msgsnd
HAS_MSGSND /**/
?H:.
?LINT:set d_msgsnd
: see if msgsnd exists
set msgsnd d_msgsnd
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msgsnd.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_getppid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_getppid.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:07:45 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_getppid: Inlibc
?MAKE: -pick add $@ %<

```

?S:d_getppid:
 ?S: This variable conditionally defines the HAS_GETPPID symbol, which
 ?S: indicates to the C program that the getppid() routine is available
 ?S: to get the parent process ID.
 ?S:.
 ?C:HAS_GETPPID :
 ?C: This symbol,
 if defined, indicates that the getppid routine is
 ?C: available to get the parent process ID.
 ?C:.
 ?H:#\$d_getppid HAS_GETPPID /**/
 ?H:.
 ?LINT:set d_getppid
 : see if getppid exists
 set getppid d_getppid
 eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getppid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
 ?RCS:
 ?RCS: Copyright (c) 1999 Jarkko Hietaniemi
 ?RCS:
 ?RCS: You may distribute under the terms of either the GNU General Public
 ?RCS: License or the Artistic License, as specified in the README file.
 ?RCS:
 ?MAKE:d_fs_data_s: Hasstruct i_sysparam i_sysmount i_systypes Setvar
 ?MAKE: -pick add \$@ %<
 ?S:d_fs_data_s:
 ?S: This variable conditionally defines the HAS_STRUCT_FS_DATA symbol,
 ?S: which indicates that the struct fs_data is supported.
 ?S:.
 ?C:HAS_STRUCT_FS_DATA:
 ?C: This symbol, if defined, indicates that the struct fs_data
 ?C: to do statfs() is supported.
 ?C:.
 ?H:#\$d_fs_data_s HAS_STRUCT_FS_DATA /**/
 ?H:.
 ?LINT:set d_fs_data_s
 : Check for fs_data_s
 echo " "
 echo "Checking to see if your system supports struct fs_data..." >&4
 set d_fs_data_s fs_data \$i_systypes sys/types.h \$i_sysparam sys/param.h \$i_sysmount sys/mount.h
 eval \$hasstruct
 case "\$d_fs_data_s" in

```
"$define")    echo "Yes, it does." ;;
*)
    echo "No, it doesn't." ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fs_data_s.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_srand48_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

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?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_srand48_r srand48_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_stdlib extern_C

?MAKE: -pick add @\$ %<

?S:d_srand48_r:

?S: This variable conditionally defines the HAS_SRAND48_R symbol,

?S: which indicates to the C program that the srand48_r()

?S: routine is available.

?S:.

?S:srand48_r_proto:

?S: This variable encodes the prototype of srand48_r.

?S: It is zero if d_srand48_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_srand48_r

?S: is defined.

?S:.

?C:HAS_SRAND48_R:

?C: This symbol, if defined, indicates that the srand48_r routine

?C: is available to srand48 re-entrantly.

?C:.

?C:SRAND48_R_PROTO:

?C: This

symbol encodes the prototype of srand48_r.

?C: It is zero if d_srand48_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_srand48_r

?C: is defined.

?C:.

?H:#\$d_srand48_r HAS_SRAND48_R /**/

?H:#define SRAND48_R_PROTO \$srand48_r_proto /**/

?H:.

?T:try hdrs d_srand48_r_proto

: see if srand48_r exists

```

set srand48_r d_srand48_r
eval $inlibc
case "$d_srand48_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_stdlib stdlib.h"
case "$d_srand48_r_proto:$usethreads" in
":define") d_srand48_r_proto=define
set d_srand48_r_proto srand48_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_srand48_r_proto" in
define)
case "$srand48_r_proto" in
"|0) try='int srand48_r(long, struct drand48_data*);'
./protochk "$extern_C $try" $hdrs && srand48_r_proto=I_LS ;;
esac
case "$srand48_r_proto" in
"|0) d_srand48_r=undef
srand48_r_proto=0
echo "Disabling srand48_r, cannot determine prototype." >&4 ;;
* ) case
"$srand48_r_proto" in
REENTRANT_PROTO*) ;;
*) srand48_r_proto="REENTRANT_PROTO_$srand48_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "srand48_r has no prototype, not using it." >&4 ;;
esac
d_srand48_r=undef
srand48_r_proto=0
;;
esac
;;
*) srand48_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_srand48_r.U
```

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?RCS: \$Id\$

?RCS:

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?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: ccflags.U,v \$
?RCS: Revision 3.0.1.9 1997/02/28 15:27:07 ram
?RCS: patch61: removed support for NO_PROTOTYPE detection on SCO
?RCS: patch61: new locincpth variable
?RCS: patch61: added info on the "additional ld flags" question
?RCS:
?RCS: Revision 3.0.1.8 1995/07/25 13:48:54 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.7 1995/05/12 12:08:33 ram
?RCS: patch54: now checks for cc/ccflags/ldflags coherency
?RCS:
?RCS: Revision 3.0.1.6
1994/10/29 16:07:02 ram
?RCS: patch36: gcc versioning no longer relies on the C compiler's name
?RCS: patch36: simplified check for gcc version checking (ADO)
?RCS:
?RCS: Revision 3.0.1.5 1994/08/29 16:06:35 ram
?RCS: patch32: propagate -posix flag from ccflags to ldflags
?RCS:
?RCS: Revision 3.0.1.4 1994/05/06 14:28:45 ram
?RCS: patch23: -fpcc-struct-return only needed in gcc 1.x (ADO)
?RCS: patch23: cppflags now computed on an option-by-option basis
?RCS: patch23: magically added cc flags now only done the first time
?RCS:
?RCS: Revision 3.0.1.3 1993/09/13 15:58:29 ram
?RCS: patch10: explicitly mention -DDEBUG just in case they need it (WAD)
?RCS: patch10: removed all the "tans" variable usage (WAD)
?RCS:
?RCS: Revision 3.0.1.2 1993/08/27 14:39:38 ram
?RCS: patch7: added support for OSF/1 machines
?RCS:
?RCS: Revision 3.0.1.1 1993/08/25 14:00:24 ram
?RCS: patch6: added defaults for cppflags, ccflags and ldflags
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:31 ram
?RCS:
Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:ccflags ldflags lkflags cppflags optimize locincpth: test cat \

Myread Guess Options Oldconfig gccversion mips_type +usrinc \
package contains rm rm_try +cc cppstdin cppminus cprun cplast libpth \
loclibpth hint
?MAKE: -pick add \$@ %<
?S:ccflags:
?S: This variable contains any additional C compiler flags desired by
?S: the user. It is up to the Makefile to use this.
?S:.
?S:cppflags:
?S: This variable holds the flags that will be passed to the C pre-
?S: processor. It is up to the Makefile to use it.
?S:.
?S:optimize:
?S: This variable contains any optimizer/debugger flag that should be used.
?S: It is up to the Makefile to use it.
?S:.
?S:ldflags:
?S: This variable contains any additional C loader flags desired by
?S: the user. It is up to the Makefile to use this.
?S:.
?S:lkflags:
?S: This variable contains any additional C partial linker flags desired by
?S: the user. It is up to the Makefile to use this.
?S:.
?S:locincpth:
?S: This
variable contains a list of additional directories to be
?S: searched by the compiler. The appropriate -I directives will
?S: be added to ccflags. This is intended to simplify setting
?S: local directories from the Configure command line.
?S: It's not much, but it parallels the loclibpth stuff in libpth.U.
?S:.
?T:inctest thisincl xxx flag inclwanted ftry previous thislibdir
?F:!cpp.c
?D:cppflags="
?D:ccflags="
?D:ldflags="
?D:optimize="
?INIT:: Possible local include directories to search.
?INIT:: Set locincpth to "" in a hint file to defeat local include searches.
?INIT:locincpth="/usr/local/include /opt/local/include /usr/gnu/include"
?INIT:locincpth="\$locincpth /opt/gnu/include /usr/GNU/include /opt/GNU/include"
?INIT:.
?INIT:: no include file wanted by default
?INIT:inclwanted="
?INIT:
: determine optimize, if desired, or use for debug flag also
case "\$optimize" in

```
'|$undef) dflt='none';;
")
case "$gccversion" in
") dflt='-O';;
*) dflt='-O2 -g';;
esac
;;
*)
dflt="$optimize";;
esac
case "$gccversion" in
") $cat <<EOH
```

Some C compilers have problems with their optimizers. By default, \$package compiles with the -O flag to use the optimizer. Alternately, you might want to use the symbolic debugger, which uses the -g flag (on traditional Unix systems). Either flag can be specified here. To use neither flag, specify the word "none".

```
EOH
;;
*) $cat <<EOH
```

With the GNU C compiler, it is possible to supply both -O2 and -g flags, to be able to reasonably optimize, whilst retaining the ability to use a symbolic debugger. Either flag can be specified here. To use neither flag, specify the word "none".

```
EOH
;;
esac
rp="What optimizer/debugger flag should be used?"
./myread
optimize="$ans"
case "$optimize" in
'none') optimize=" ";;
esac
```

```
dflt="
: We will not override a previous value, but we might want to
: augment a hint file
case "$hint" in
default|recommended)
case "$gccversion" in
1*) dflt='-fpcc-struct-return' ;;
esac
?X:
```

```

check for POSIXized ISC
case "$gccversion" in
2*) if test -d /etc/conf/kconfig.d &&
    $contains _POSIX_VERSION $usrinc/sys/unistd.h >/dev/null 2>&1
then
    dflt="$dflt -posix"
fi
;;
esac
?X: turn warnings on if they're using gcc
case "$gccversion" in
1*|2*) dflt="$dflt -Wall";;
?X: starting with version 3, add "-W -Wall -Wformat=2 -Wshadow" by default
*) dflt="$dflt -W -Wall -Wformat=2 -Wshadow";;
esac
;;
esac

```

?X: In USG mode, a MIPS system may need some BSD includes

```

case "$mips_type" in
*BSD*|*) inclwanted="$locincpth $usrinc";;
*) inclwanted="$locincpth $inclwanted $usrinc/bsd";;
esac
for thisincl in $inclwanted; do
if $test -d $thisincl; then
if $test x$thisincl != x$usrinc; then
    case "$dflt" in
*$thisincl*);;
*) dflt="$dflt -I$thisincl";;
esac
fi
fi
done

```

?X: Include test function (header, symbol)

```

inctest="if $contains $2 $usrinc/$1 >/dev/null 2>&1; then
    xxx=true;
elif $contains $2 $usrinc/sys/$1 >/dev/null 2>&1; then
    xxx=true;
else
    xxx=false;
fi;
if
    $xxx; then
case "$dflt" in
*$2*);;
*) dflt="$dflt -D$2";;
esac;

```

fi'

?X:

?X: OSF/1 uses __LANGUAGE_C__ instead of LANGUAGE_C

?X:

if ./osf1; then

set signal.h __LANGUAGE_C__; eval \$inctest

else

set signal.h LANGUAGE_C; eval \$inctest

fi

case "\$hint" in

default|recommended) dflt="\$ccflags \$dflt" ;;

*) dflt="\$ccflags";;

esac

case "\$dflt" in

"|' ') dflt=none;;

esac

\$cat <<EOH

Your C compiler may want other flags. For this question you should include

-I/whatever and -DWHATEVER flags and any other flags used by the C compiler, but you should NOT include libraries or ld flags like -lwhatever.

To use no flags, specify the word "none".

EOH

?X: strip leading space

set X \$dflt

shift

dflt=\${1+"\$@"}

rp="Any additional cc flags?"

./myread

case "\$ans" in

none) ccflags="";;

*) ccflags="\$ans";;

esac

: the following weeds options from ccflags that are of no interest to cpp

cppflags="\$ccflags"

case "\$gccversion" in

1*) cppflags="\$cppflags -D__GNUC__"

esac

case "\$mips_type" in

");;

BSD)

```

cppflags="$scppflags -DSYSTYPE_BSD43";;
esac
case "$scppflags" in
");;
*)
echo " "
echo "Let me guess what the preprocessor flags are..." >&4
set X $scppflags
shift
cppflags="
$cat >cpp.c <<'EOM'
#define BLURFL foo

BLURFL xx LFRULB
EOM
?X:
?X: For each cc flag, try it out with both cppstdin and cpprun, since the
?X: first is almost surely a cc wrapper. We have to try both in case
?X: of cc flags like '-Olimit 2900' that are actually two words...
?X:
previous="
for flag in $*
do
case "$flag" in
-*) ftry="$flag";;
*) ftry="$previous $flag";;
esac
if $cppstdin -DLFRULB=bar $ftry $cppminus <cpp.c \
>cpp1.out 2>/dev/null && \
$cpprun -DLFRULB=bar $ftry $cppplast <cpp.c \
>cpp2.out 2>/dev/null && \
$contains 'foo.*xx.*bar' cpp1.out >/dev/null 2>&1 && \
$contains 'foo.*xx.*bar' cpp2.out >/dev/null 2>&1
then
cppflags="$scppflags $ftry"
previous="
else
previous="$flag"
fi
done
set X $scppflags
shift
cppflags=${1+"$@"}
case "$scppflags"
in
*~*) echo "They appear to be: $scppflags";;
esac
$rm -f cpp.c cpp?.out

```

```

;;
esac

: flags used in final linking phase
case "$ldflags" in
") if ./venix; then
  dflt='-i -z'
else
  dflt=""
fi
case "$ccflags" in
*_posix*) dflt="$dflt -posix" ;;
esac
;;
*) dflt="$ldflags";;
esac

```

: Try to guess additional flags to pick up local libraries.

```

for thislibdir in $libpth; do
case " $loclibpth " in
*" $thislibdir "*)
  case "$dflt " in
*_L$thislibdir "*) ;;
*) dflt="$dflt -L$thislibdir" ;;
esac
;;
esac
done

```

```

case "$dflt" in
") dflt='none' ;;
*) set X $dflt; shift; dflt="$@" ;;
esac

```

\$cat <<EOH

Your C linker may need flags. For this question you should include -L/whatever and any other flags used by the C linker, but you should NOT include libraries like -lwhatever.

Make sure you include the appropriate -L/path flags if your C linker does not normally search all of the directories you specified above, namely

\$libpth

To use no flags, specify the word "none".

EOH

```

rp="Any
additional ld flags (NOT including libraries)?"
./myread
case "$ans" in
none) ldflags="";
*) ldflags="$ans";;
esac
rmlist="$rmlist pdp11"

@if lkflags
: partial linking may need other flags
case "$lkflags" in
") case "$ldflags" in
") dflt='none';;
*) dflt="$ldflags";;
esac;;
*) dflt="$lkflags";;
esac
echo " "
rp="Partial linking flags to be used (NOT including -r)?"
./myread
case "$ans" in
none) lkflags="";
*) lkflags="$ans";;
esac

@end
?X:
?X: If the user changes compilers after selecting a hint file, it's
?X: possible that the suggested ccflags/ldflags will be wrong. Try to
?X: compile and run a simple test program. Let the user see all the
?X: error messages. -- ADO and RAM
?X:
: coherency check
echo " "
echo "Checking your choice of C compiler and flags for coherency..." >&4
?X: Strip extra blanks in case some of the following variables are empty
set X $cc $optimize $ccflags $ldflags -o try try.c
shift
$cat >try.msg <<EOM
I've tried to compile and run a simple program
with:

$*
./try

and I got the following output:

```

```

EOM
$cat > try.c <<'EOF'
#include <stdio.h>
int main() { exit(0); }
EOF
dflt=y
?X: Use "sh -c" to avoid error messages tagged with leading "Configure:".
?X: We need to try the resulting executable, because cc might yield a 0 status
?X: even when ld failed, in which case the executable will not run properly,
?X: if its x bit is set at all...
if sh -c "$cc $optimize $ccflags $ldflags -o try try.c" >>try.msg 2>&1; then
if sh -c './try' >>try.msg 2>&1; then
    dflt=n
else
    echo "The program compiled OK, but exited with status $?." >>try.msg
    rp="You have a problem. Shall I abort Configure"
    dflt=y
fi
else
    echo "I can't compile the test program." >>try.msg
    rp="You have a BIG problem. Shall I abort Configure"
    dflt=y
fi
case "$dflt" in
y)
    $cat try.msg >&4
?X: using -K will prevent default aborting--maybe they're cross compiling?
    case "$knowitall" in
")
        echo "(The supplied flags might be incorrect with this C compiler.)"
        ;;
*)
        dflt=n;;
esac
    echo " "
    . ./myread
    case "$ans" in
n*|N*) ;;
*) echo "Ok. Stopping Configure." >&4
        exit 1
        ;;
esac
        ;;
n) echo "OK, that should do.";;
esac
$rm_try

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ccflags.U

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?RCS:

?MAKE:d_isinf: Inlibc cat Compile rm_try Setvar

?MAKE: -pick add \$@ %<

?S:d_isinf:

?S: This variable conditionally defines the HAS_ISINF symbol, which

?S: indicates to the C program that the isinf() routine is available.

?S:.

?C:HAS_ISINF:

?C: This symbol, if defined, indicates that the isinf routine is

?C: available to check whether a double is an infinity.

?C:.

?H:#\$d_isinf HAS_ISINF /**/

?H:.

?LINT:set d_isinf

: check for isinf

echo "Checking to see if you have isinf..." >&4

\$cat >try.c <<EOCP

#include <math.h>

int main() { return isinf(0.0); }

EOCP

set try

if eval \$compile; then

val="\$define"

echo "You have isinf."

else

val="\$undef"

echo "You do not have isinf."

fi

\$rm_try

set d_isinf

eval \$setvar

Found

in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isinf.U

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```

?RCS: $Id: d_bzero.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_bzero.U,v $
?RCS: Revision 3.0.1.2 1993/10/16 13:48:15 ram
?RCS: patch12: added magic support for bzero()
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:01:33 ram
?RCS: patch10: now only defines HAS_BZERO, no macro remap on memset (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:46 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_bzero: Inlibc
?MAKE: -pick add $@ %<
?S:d_bzero:
?S: This variable conditionally defines the HAS_BZERO
symbol if
?S: the bzero() routine is available to set memory to 0.
?S:.
?C:HAS_BZERO:
?C: This symbol is defined if the bzero() routine is available to
?C: set a memory block to 0.
?C:.
?H:#$d_bzero HAS_BZERO /**/
?H:.
?M:bzero: HAS_BZERO
?M:#ifndef HAS_BZERO
?M:#ifndef bzero
?M:#define bzero(s,l) memset((s),0,(l))
?M:#endif
?M:#endif
?M:.
?LINT:set d_bzero
: see if bzero exists
set bzero d_bzero
eval $inlibc

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_bzero.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: abortsig.U,v 3.0.1.1 1994/10/29 16:02:19 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: abortsig.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:02:19 ram
?RCS: patch36: call ./usg explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:20 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:abortsig: Myread Oldconfig Guess cat Compile rm
?MAKE: -pick add $@ %<
?S:abortsig:
?S: This variable holds the name of the signal used by the abort() call.
?S:.
?C:ABORTSIG:
?C: This symbol holds the signal number (symbol)
used by the abort() call. To
?C: actually define the signal symbol, <signal.h> should be included.
?C:.
?H:#define ABORTSIG $abortsig /**/
?H:.
?T:signal
: which signal is sent by abort ?
echo " "
case "$abortsig" in
")
echo "Checking to see which signal is sent to the process by abort()..." >&4
echo "abort" > abort.sh
chmod +x abort.sh
?X: SIGABRT should replace SIGIOT on USG machines in a near future (1991).
for signal in SIGIOT SIGILL SIGABRT; do
case "$abortsig" in
") $cat >abort.c <<EOP
#include <signal.h>
caught() { exit(0); }
int main()
{
#ifdef $signal
```

```

signal($signal, caught);
#endif
if (-1 == abort())
    exit(1);
exit(1);
}
EOP

```

?X: We have to use the abort.sh script otherwise sh behaves strangely on AIX.

```

set abort
if eval $compile; then
    (./abort.sh) >/dev/null 2>&1
    case $? in
        0) abortsig="$signal";;
        esac
    fi
    ;;
    esac
done
;;
esac
case "$abortsig" in
    *) echo "(I wasn't able to compute the signal name--guessing)"
    if ./usg; then
        dflt="SIGIOT"
    else
        dflt="SIGILL"
    fi;;
    *)
        dflt="$abortsig"
        ;;
    esac
rp="Which signal does abort() send to the process (signal name)?"
. ./myread
abortsig="$ans"
$rm -f core abort.sh abort abort.c

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/abortsig.U

```

No license file was found, but licenses were detected in source scan.

```

# $Id: errnolist.a,v 3.0 1993/08/18 12:04:35 ram Exp ram $
#
# Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
#
# You may redistribute only under the terms of the Artistic Licence,
# as specified in the README file that comes with the distribution.
# You may reuse parts of this distribution only within the terms of

```

```

# that same Artistic Licence; a copy of which may be found at the root
# of the source tree for dist 4.0.
#
# Original Author: Harlan Stenn <harlan@mumps.pfcs.com>
#
# $Log: errnolist.a,v $
# Revision 3.0 1993/08/18 12:04:35 ram
# Baseline for dist 3.0 netwide release.
#
#
# This is a simple-minded awk script to generate an initialization for
# sys_errnolist on systems that don't have it.
# This file now depends only on sys/errno.h error numbers under maxerr being
# in order. It will complain and die if not. NOTE: It will still produce
# a compilable output file, even with errors, so you
# must check the output.

```

```

BEGIN {
    format = "\t\"%s\", \n"
    printf("/*\n** This is a generated file. Do NOT edit it unless you really have to...\n*/\n\n")
    printf("char *sys_errnolist[] = {\n")
    maxerr = 89
}

```

```

$1=="#define" {
    if(count > maxerr || substr($2,1,1) != "E")
        next # we're not interested
    if($3 < count) { # this is bad
        printf("Fatal error: %s out of order at %s\n", \
            FILENAME, $2) > "/dev/tty"
        exit 1
    }
    # fill in the blanks
    while($3 > count) {
        dummy=sprintf("EDUMMY%d",count)
        printf(format,dummy)
        count++
    }
    printf(format,$2)
    count++
}

```

```

END {
    printf("\t0\n"); \n")
}

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/errnolist.a
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_pthratrj.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_old_pthread_create_joinable old_pthread_create_joinable: \  
cat Compile rm_try Setvar usethreads i_pthread
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_old_pthread_create_joinable:
```

```
?S: This variable conditionally defines pthread_create_joinable.
```

```
?S: undef if pthread.h defines PTHREAD_CREATE_JOINABLE.
```

```
?S:.
```

```
?S:old_pthread_create_joinable:
```

```
?S: This variable defines the constant to use for creating joinable
```

```
?S: (aka undetached) pthreads. Unused if pthread.h defines
```

```
?S: PTHREAD_CREATE_JOINABLE. If used, possible values are
```

```
?S: PTHREAD_CREATE_UNDETACHED and __UNDETACHED.
```

```
?S:.
```

```
?C:OLD_PTHREAD_CREATE_JOINABLE:
```

```
?C: This symbol, if defined, indicates how to create pthread
```

```
?C: in joinable (aka undetached)
```

```
state. NOTE: not defined
```

```
?C: if pthread.h already has defined PTHREAD_CREATE_JOINABLE
```

```
?C: (the new version of the constant).
```

```
?C: If defined, known values are PTHREAD_CREATE_UNDETACHED
```

```
?C: and __UNDETACHED.
```

```
?C:.
```

```
?H:#$d_old_pthread_create_joinable OLD_PTHREAD_CREATE_JOINABLE $old_pthread_create_joinable /**/
```

```
?H:.
```

```
: how to create joinable pthreads
```

```
if test "X$usethreads" = "X$define" -a "X$i_pthread" = "X$define"; then
```

```
echo " "
```

```
echo "Checking what constant to use for creating joinable pthreads..." >&4
```

```
$cat >try.c <<'EOCP'
```

```
#include <pthread.h>
```

```
int main() {
```

```
    int detachstate = JOINABLE;
```

```
}
```

```
EOCP
```

```
set try -DJOINABLE=PTHREAD_CREATE_JOINABLE
```

```
if eval $compile; then
```

```
echo "You seem to use PTHREAD_CREATE_JOINABLE." >&4
```

```

val="$undef" # Yes, undef.
set d_old_thread_create_joinable
eval $setvar
val=""
set old_thread_create_joinable
eval $setvar
else
set try -DJOINABLE=PTHREAD_CREATE_UNDETACHED
if eval $compile; then
echo "You seem to use PTHREAD_CREATE_UNDETACHED." >&4
val="$define"
set
d_old_thread_create_joinable
eval $setvar
val=PTHREAD_CREATE_UNDETACHED
set old_thread_create_joinable
eval $setvar
else
set try -DJOINABLE=__UNDETACHED
if eval $compile; then
echo "You seem to use __UNDETACHED." >&4
val="$define"
set d_old_thread_create_joinable
eval $setvar
val=__UNDETACHED
set old_thread_create_joinable
eval $setvar
else
echo "Egads, nothing obvious found. Guessing that you use 0." >&4
val="$define"
set d_old_thread_create_joinable
eval $setvar
val=0
set old_thread_create_joinable
eval $setvar
fi
fi
fi
$rm_try
else
d_old_thread_create_joinable="$undef"
old_thread_create_joinable=""
fi

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_pthratrj.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setnetent_r.U,v ORCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_setnetent_r setnetent_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_setnetent_r:
?S: This variable conditionally defines the HAS_SETNETENT_R symbol,
?S: which indicates to the C program that the setnetent_r()
?S: routine is available.
?S:.
?S:setnetent_r_proto:
?S: This variable encodes the prototype of setnetent_r.
?S: It is zero if d_setnetent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setnetent_r
?S: is defined.
?S:.
?C:HAS_SETNETENT_R:
?C: This symbol, if defined, indicates that the setnetent_r routine
?C: is
  available to setnetent re-entrantly.
?C:.
?C:SETNETENT_R_PROTO:
?C: This symbol encodes the prototype of setnetent_r.
?C: It is zero if d_setnetent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setnetent_r
?C: is defined.
?C:.
?H:#$d_setnetent_r HAS_SETNETENT_R /**/
?H:#define SETNETENT_R_PROTO $setnetent_r_proto /**/
?H:.
?T:try hdrs d_setnetent_r_proto
: see if setnetent_r exists
set setnetent_r d_setnetent_r
eval $inlibc
case "$d_setnetent_r" in
"$define")
  hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
  case "$d_setnetent_r_proto:$usethreads" in
  ":define") d_setnetent_r_proto=define
  set d_setnetent_r_proto setnetent_r $hdrs
```



```

eval $hasproto ;;
*) ;;
esac
case "$d_setnetent_r_proto" in
define)
case "$setnetent_r_proto" in
"|0) try='int setnetent_r(int, struct netent_data*);'
./protochk "$extern_C $try" $hdrs && setnetent_r_proto=I_ID ;;
esac
case "$setnetent_r_proto" in
"|0) try='void setnetent_r(int, struct netent_data*);'
./protochk
"$extern_C $try" $hdrs && setnetent_r_proto=V_ID ;;
esac
case "$setnetent_r_proto" in
"|0) d_setnetent_r=undef
setnetent_r_proto=0
echo "Disabling setnetent_r, cannot determine prototype." >&4 ;;
* ) case "$setnetent_r_proto" in
REENTRANT_PROTO*) ;;
*) setnetent_r_proto="REENTRANT_PROTO_${setnetent_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susethreads" in
define) echo "setnetent_r has no prototype, not using it." >&4 ;;
esac
d_setnetent_r=undef
setnetent_r_proto=0
;;
esac
;;
*) setnetent_r_proto=0
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setnetent_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

?RCS:
?RCS: \$Log: i_dirent.U,v \$
?RCS: Revision 3.0.1.4 1994/10/29 16:20:01 ram
?RCS: patch36: failed scanning for 'd_namlen' with missing <dirent.h> (ADO)
?RCS:
?RCS: Revision 3.0.1.3 1994/06/20 07:01:25 ram
?RCS: patch30: added direntrytype for hints, merely for NeXT (ADO)
?RCS: patch30: now checks for both struct dirent and direct (ADO)
?RCS:
?RCS: Revision 3.0.1.2 1994/05/13 15:22:37 ram
?RCS: patch27: new variable direntrytype for proper type setting (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24
14:11:15 ram
?RCS: patch16: added new Direntry_t pseudo-type for directory entries
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:17 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit looks whether there is a dirent system or not
?X:
?MAKE:i_dirent d_dirnamlen direntrytype: test contains Setvar \
Myread Findhdr cppstdin cppflags cppminus rm_try
?MAKE: -pick add \$@ %<
?S:i_dirent:
?S: This variable conditionally defines I_DIRENT, which indicates
?S: to the C program that it should include <dirent.h>.
?S:.
?S:d_dirnamlen:
?S: This variable conditionally defines DIRNAMLEN, which indicates
?S: to the C program that the length of directory entry names is
?S: provided by a d_namelen field.
?S:.
?S:direntrytype:
?S: This symbol is set to 'struct direct' or 'struct dirent' depending on
?S: whether dirent is available or not. You should use this pseudo type to
?S: portably declare your directory entries.
?S:.
?C:I_DIRENT:
?C: This symbol, if defined, indicates to the C program
that it should
?C: include <dirent.h>. Using this symbol also triggers the definition
?C: of the Direntry_t define which ends up being 'struct dirent' or
?C: 'struct direct' depending on the availability of <dirent.h>.

```

?C:.
?C:DIRNAMLEN:
?C: This symbol, if defined, indicates to the C program that the length
?C: of directory entry names is provided by a d_namlen field. Otherwise
?C: you need to do strlen() on the d_name field.
?C:.
?C:Dirent_t:
?C: This symbol is set to 'struct direct' or 'struct dirent' depending on
?C: whether dirent is available or not. You should use this pseudo type to
?C: portably declare your directory entries.
?C:.
?H:#$i_dirent I_DIRENT /**/
?H:#$d_dirnamlen DIRNAMLEN /**/
?H:?%<:@if I_DIRENT && Dirent_t
?H:?%<:#define Dirent_t $direnttype
?H:?%<:@end
?H:.
?T:xinc guess1 guess2
?LINT:set i_dirent d_dirnamlen
: see if this is a dirent system
echo " "
if xinc=`./findhdr dirent.h`; $test "$xinc"; then
val="$define"
echo "<dirent.h> found." >&4
else
val="$undef"
if
xinc=`./findhdr sys/dir.h`; $test "$xinc"; then
echo "<sys/dir.h> found." >&4
echo " "
else
xinc=`./findhdr sys/ndir.h`
fi
echo "<dirent.h> NOT found." >&4
fi
set i_dirent
eval $setvar

?X: Use struct dirent or struct direct? If we're using dirent.h,
?X: it's probably struct dirent, but apparently not always.
?X: Assume $xinc still contains the name of the header file we're using.
@if direnttype || Dirent_t
: Look for type of directory structure.
echo " "
$cpptest $cpptestflags $cpptestminus < "$xinc" > try.c

case "$direnttype" in
'|')

```

```

case "$i_dirent" in
$define) guess1='struct dirent' ;;
*) guess1='struct direct' ;;
esac
;;
*) guess1="$direntrytype"
;;
esac

case "$guess1" in
'struct dirent') guess2='struct direct' ;;
*) guess2='struct dirent' ;;
esac

if $contains "$guess1" try.c >/dev/null 2>&1; then
direntrytype="$guess1"
echo "Your directory entries are $direntrytype." >&4
elif $contains "$guess2" try.c >/dev/null 2>&1; then
direntrytype="$guess2"
echo
"Your directory entries seem to be $direntrytype." >&4
else
echo "I don't recognize your system's directory entries." >&4
rp="What type is used for directory entries on this system?"
dflt="$guess1"
./myread
direntrytype="$ans"
fi
$rm_try

@end

@if d_dirnamlen || DIRNAMLEN
: see if the directory entry stores field length
echo " "
$cppstdin $cppflags $cppminus < "$xinc" > try.c
if $contains 'd_namlen' try.c >/dev/null 2>&1; then
echo "Good, your directory entry keeps length information in d_namlen." >&4
val="$define"
else
echo "Your directory entry does not know about the d_namlen field." >&4
val="$undef"
fi
set d_dirnamlen
eval $setvar
$rm_try

@end

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_dirent.U

No license file was found, but licenses were detected in source scan.

?RCS:

?RCS: Copyright (c) 2012 Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:Assert: cat

?MAKE: -pick add \$@ %<

?F:./static_assert.h

: static assertion checking include file

?X:

?X: C programs can include this file to perform STATIC_ASSERT() checks

?X: which are done at compile-time and cause the compilation to fail when

?X: the expression is false.

?X:

?X: It is sufficient to compile with: \$cc -c \$ccflags try.c

?X: There is no need to link the file to spot the assertion failure.

?X:

```
$cat >static_assert.h <<'EOC'
```

```
#define STATIC_ASSERT(expr) \
```

```
do { switch (0) { case ((expr) ? 1 : 0): case 0: break; } }
```

```
while(0)
```

```
EOC
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Assert.U

No license file was found, but licenses were detected in source scan.

Perl5 Metaconfig Units

Copyright (c) 1996-1998, Andy Dougherty

Copyright (c) 1999-2011, H.Merijn Brand

All rights reserved.

These units are the ones used to build Configure and config_h.SH
in the Perl5 distribution.

metaconfig will first look in its standard locations (specified when you

installed dist). It will then recurse through the 'U' subdirectory and find any additional "private" units. Private units override standard ones supplied with metaconfig.

Files in this directory:

README

This file.

Glossary.patch

The standard dist units contain some strings that make pod2man complain. This patch silences those warnings. As new units are added and Configure is regenerated, this patch may need more and more 'fuzz' to be applied. It should be freshly regenerated every once in a while. See also mkgloss.pl

In-all.pl

Re-generate the all/ folder

mkglossary

A script

to regenerate Porting/Glossary. You have to manually edit the top of the script to point the location of your metaconfig units. It is called automatically by 'mksample'. See also mkgloss.pl

mkgloss.pl

A perl script that calls U/mkglossary from the perl source tree, sorts the list of symbols, and applies the patch mentioned in Glossary.patch. When called on its own, redirect the output to a temporary file, and compare that file to Porting/Glossary before applying.

mksample

A script to regenerate Porting/config.sh and Porting/config.H. It also calls mkglossary, if necessary.

Subdirectories:

The units and other related files have been broken up into the following directories.

a_dvisory/

These are units that have to go first in the generated config_h.SH. A word of explanation: Configure and config_h.SH are generated from 'Units' (the *.U files). Files indicate dependencies (using make(1)), and Configure is built to follow those dependencies.

However, config_h.SH

is simply built by putting all the units in alphabetical order and extracting the relevant lines. (This could be fixed, I suppose, but

it wasn't trivial the one time I looked.)

The `a_dvisory/` directory, then, is a place to put units that need to be early in `config_h.SH`. (Most units are self-contained and ought to be able to go anywhere. However, some things, like `byteorder`, need to have the `#defines` from `multiarch` available.)

`acl/`

This is an old patch to begin to detect and use ACL (access control list) file protection schemes.

`all/`

A folder that conveniently holds symbolic links to all the modules that are used to build the current `Configure` and `config_h.SH`.

`compline/`

These are similar to the standard units, but I have modified them to have a more uniform compile command line, usually using the new `Compile.U` unit. (The `cflags.U` unit is perl-specific since it mentions `-DDEBUGGING` and `-DPOSIX_SOURCE`, but that's the only place it is perl-specific.)

`dist_patches/`

These are patches to `dist` that must be applied before it is built and installed. I have submitted these for inclusion in the regular `dist` distribution. They have already been applied to the `../dist-3.0at70b` directory.

`ebcdic/`

These are units that had to be specially modified to work under either EBCDIC or ASCII.

`installdirs/`

These are units to handle perl's installation directories and related issues.

`modified/`

These are modified versions of the standard units. Also included in this directory are new units that are clearly derived from existing units. I have submitted these for inclusion in the regular `dist` distribution.

`nullified/`

These are null units that replace units in the standard distribution. Typically they are there because some part of the perl source accidentally uses a symbol that `metaconfig` thinks means we want the corresponding

unit.

perl/

These are specific to perl. Some are heavily derived from original dist units, and are marked as such. Others are original.

perl_patches/

These are patches to the perl source. This directory should ordinarily be empty, but there may have been drift between the standard version of perl and the one associated with these units.

protos/

These are units modified to use the new Hasproto.U or Protochk.U units to check for prototypes.

threads/

These are specific to threading perl.

typedefs/

These are standard units modified to use the modified Typedef.U unit to check for typedefs. (The modified Typdef.U includes a function to avoid unnecessary prompts if the typedef being searched for exists.)

Where appropriate, I submitted these units for inclusion into the regular dist distribution. However, since dist is no longer actively maintained, and the alternative is for *me* to actively maintain it, the units just sit here.

Copyright Information:

Unless otherwise indicated, the files contained in this distribution are:

Copyright (c) 1996-1998, Andy Dougherty

The following licensing terms apply to all files contained in this distribution:

You may distribute the files contained in this distribution under the terms of either

a) the "Artistic License" which comes with Perl, or

b) the "Artistic License" which comes with dist, or

c) the GNU General Public License as published by the Free Software Foundation; either version 1, or (at your option) any later version (see the file "Copying" that comes with the Perl distribution).

Which one to use is your choice.

The units in the "modified" directory have been derived from units associated with the metaconfig program of Raphael Manfredi's "dist" distribution. These units list Raphael Manfredi as the Copyright holder. dist is distributed under a modified version of the Perl Artistic License. Clause 7 of this modified license as contained in dist-3.0-pl60 provides:

7. You may reuse parts of this Package in your own programs, provided that you explicitly state where you got them from, in the source code (and, left to your courtesy, in the documentation), duplicating all the associated copyright notices and disclaimers. Besides your changes, if any, must be clearly marked as such. Parts reused that way will no longer fall under this license if, and only if, the name of your program(s) have no immediate connection with the name of the Package itself or its associated programs. You may then apply whatever restrictions you wish on the reused parts or choose to place them in the Public Domain--this will apply only within the context of your package.

In accordance with this clause, the versions of these units contained here are made available under the same terms as the rest of the units.

If you have any questions about the use of these units or about the differences between these units and the standard versions, please feel free to ask.

Andy Dougherty doughera@lafayette.edu
Dept. of Physics
Lafayette College
Easton, PA 18042-1782

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/README

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_usleep.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_usleep.U,v \$
?RCS: Revision 3.0 1993/08/18 12:07:53 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_usleep: Inlibc
?MAKE: -pick add \$@ %<
?S:d_usleep:
?S: This variable conditionally defines HAS_USLEEP if usleep() is
?S: available to do high granularity sleeps.
?S:.
?C:HAS_USLEEP (USLEEP):
?C: This symbol, if defined, indicates that the usleep routine is
?C: available to let the process sleep on a sub-second accuracy.
?C:.
?H:#\$d_usleep
HAS_USLEEP /**/
?H:.
?LINT:set d_usleep
: see if usleep exists
set usleep d_usleep
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_usleep.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getnnt.U,v 3.0 1993/08/18 12:06:09 ram Exp \$
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: d_getnnt.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
?RCS: Baseline for dist 3.0 netwide release.

```

?RCS:
?MAKE:d_getnetent: Inlibc
?MAKE: -pick add $@ %<
?S:d_getnetent:
?S: This variable conditionally defines HAS_GETNETENT if getnetent() is
?S: available to look up network names in some data base or another.
?S:.
?C:HAS_GETNETENT:
?C: This symbol, if defined, indicates that the getnetent() routine is
?C: available to look up network names in some data base
or another.
?C:.
?H:#$d_getnetent HAS_GETNETENT /**/
?H:.
?LINT:set d_getnetent
: see if getnetent exists
set getnetent d_getnetent
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/modified/d_getnetent.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: n.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: n.U,v $
?RCS: Revision 3.0 1993/08/18 12:09:19 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:n c: contains
?MAKE: -pick add $@ %<
?S:n:
?S: This variable contains the -n flag if that is what causes the echo
?S: command to suppress newline. Otherwise it is null. Correct usage is
?S: $echo $n "prompt for a question: $c".
?S:.
?S:c:
?S: This variable contains the \c string if that is what causes the echo
?S: command to suppress newline.

```

```

Otherwise it is null. Correct usage is
?S:  $echo $n "prompt for a question: $c".
?S:.
: first determine how to suppress newline on echo command
echo " "
echo "Checking echo to see how to suppress newlines..."
(echo "hi there\c" ; echo " ") >.echotmp
if $contains c .echotmp >/dev/null 2>&1 ; then
echo "...using -n."
n='-n'
c=""
else
cat <<'EOM'
...using \c
EOM
n=""
c='\c'
fi
echo $n "The star should be here-->$c"
echo '*'
rm -f .echotmp

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/n.U
```

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?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:ilp d_ilp32 d_ilp64 d_lp64 d_can64: Assert Myread Setvar \

cat rm +cc +ccflags echo n c intsize longsize ptrsize

?MAKE: -pick add \$@ %<

?S:ilp:

?S: This variable contains the largest amount of bits that the CPU supports,

?S: from the compiler's point of view. Typically 32 or 64.

?S:.

?S:d_ilp32:

?S: This variable conditionally defines the CPU_IS_ILP32.

?S:.

?S:d_ilp64:

?S: This variable conditionally defines the CPU_IS_ILP64.

?S:
?S:d_lp64:
?S: This variable conditionally defines the CPU_IS_LP64.
?S:
?S:d_can64:
?S: This variable
conditionally defines CAN_HANDLE_64BITS.
?S:
?C:CPU_ILP_MAXBITS:
?C: This symbol contains the largest amount of bits that the CPU natively
?C: supports from the compiler's point of view. Typically 32 or 64.
?C:
?C:CPU_IS_ILP32:
?C: When defined, this indicates that the integer, long and pointer variables
?C: hold 32-bit values.
?C:
?C:CPU_IS_ILP64:
?C: When defined, this indicates that the integer, long and pointer variables
?C: hold 64-bit values.
?C:
?C:CPU_IS_LP64:
?C: When defined, this indicates that the long and pointer variables hold
?C: 64-bit values but integers are smaller (probably only 32-bit wide).
?C:
?C:CAN_HANDLE_64BITS:
?C: When defined, this indicates that the compiler can handle 64-bit values
?C: despite the CPU having only 32-bit registers. These are available using
?C: the "long long" C type. It is only defined for ILP32 machines, since
?C: 64-bit support is naturally available on ILP64 and LP64 machines.
?C:
?H:#define CPU_ILP_MAXBITS \$ilp
?H:#\$d_ilp32
CPU_IS_ILP32 /**/
?H:#\$d_ilp64 CPU_IS_ILP64 /**/
?H:#\$d_lp64 CPU_IS_LP64 /**/
?H:#\$d_can64 CAN_HANDLE_64BITS /**/
?H:
?LINT: set d_ilp32 d_ilp64 d_lp64 d_can64
: check for architecture type
echo " "
\$echo \$n "Computing CPU architecture type...\$c" >&4
ilp=`expr \$longsize * 8`
case "\$ptrsize" in
8)
val=\$undef; set d_ilp32; eval \$setvar
case "\$intsize" in
8)
echo " ILP64." >&4

```

val=$define; set d_ilp64; eval $setvar
val=$undef; set d_lp64; eval $setvar
;;
*)
echo " LP64." >&4
val=$define; set d_lp64; eval $setvar
val=$undef; set d_ilp64; eval $setvar
;;
esac
;;
*)
echo " ILP${ilp}." >&4
case "$ilp" in
32) val=$define;;
*) val=$undef;;
esac
set d_ilp32; eval $setvar
val=$undef; set d_ilp64; eval $setvar
val=$undef; set d_lp64; eval $setvar
;;
esac

@if CAN_HANDLE_64BITS || d_can64
: see whether compiler supports 64-bit emulation
val=$undef
case "$ilp" in
64) val=$define;;
*)
$cat >try.c <<EOCP
#include "static_assert.h"
long long foo;
int main()
{
STATIC_ASSERT(8
== sizeof(foo));
return 0;
}
EOCP
if $cc -c $ccflags try.c >/dev/null 2>&1; then
echo " "
echo "Your compiler also supports 64-bit emulation." >&4
val=$define
fi
$rm -f try.*
;;
esac
set d_can64
eval $setvar

```

@end

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ilp.U

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?RCS: \$Id: d_getsrvby.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_getsbyname d_getsbyport: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getsbyname:

?S: This variable conditionally defines the HAS_GETSERVBYNAME

?S: symbol, which indicates to the C program that the

?S: getservbyname() routine is available to look up services

?S: by their name.

?S:.

?S:d_getsbyport:

?S: This variable conditionally defines the HAS_GETSERVBYPOR

?S: symbol, which indicates to the C program that the

?S: getservbyport() routine is available to look up services

?S: by their port.

?S:.

?C:HAS_GETSERVBYNAME:

?C: This symbol, if defined, indicates that the getservbyname()

?C: routine is available to look up services by their name.

?C:.

?C:HAS_GETSERVBYPOR

?C: This symbol, if defined,

indicates that the getservbyport()

?C: routine is available to look up services by their port.

?C:.

?H:#\$d_getsbyname HAS_GETSERVBYNAME /**/

?H:#\$d_getsbyport HAS_GETSERVBYPOR /**/

?H:.

?LINT:set d_getsbyname d_getsbyport

: Optional checks for getsbyname and getsbyport

@if d_getsbyname || HAS_GETSERVBYNAME

: see if getservbyname exists

set getservbyname d_getsbyname

eval \$inlibc

@end

```
@if d_getservbyport || HAS_GETSERVBYPOR
: see if getservbyport exists
set getservbyport d_getservbyport
eval $inlibc
@end
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getservby.U

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?RCS:

?MAKE:d_fdclose: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fdclose:

?S: This variable conditionally defines the HAS_FDCLOSE symbol, which

?S: indicates to the C program that the fdclose() routine is available.

?S:.

?C:HAS_FDCLOSE:

?C: This symbol, if defined, indicates that the fdclose routine is

?C: available to free a FILE structure without closing the underlying

?C: file descriptor. This function appeared in FreeBSD 10.2.

?C:.

?H:#\$d_fdclose HAS_FDCLOSE /**/

?H:.

?LINT:set d_fdclose

: see if fdclose exists

set fdclose d_fdclose

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fdclose.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Options.U 1 2006-08-24 12:32:52Z rmanfredi \$

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?RCS: of the source tree for dist 4.0.

?RCS:
?RCS: \$Log: Options.U,v \$
?RCS: Revision 3.0.1.7 1997/02/28 15:08:15 ram
?RCS: patch61: optdef.sh now starts with a "startsh"
?RCS: patch61: moved some code from Head.U
?RCS:
?RCS: Revision 3.0.1.6 1995/09/25 09:14:46 ram
?RCS: patch59: protected option parsing code against 'echo -*' option failure
?RCS:
?RCS: Revision 3.0.1.5 1995/05/12 12:04:52 ram
?RCS: patch54: added -K option for experts
?RCS:
?RCS: Revision 3.0.1.4 1995/01/30 14:27:52 ram
?RCS:
patch49: this unit now exports file optdef.sh, not a variable
?RCS:
?RCS: Revision 3.0.1.3 1995/01/11 15:19:00 ram
?RCS: patch45: new -O option allowing -D and -U to override config.sh settings
?RCS: patch45: file optdef.sh is no longer removed after sourcing
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 15:58:06 ram
?RCS: patch36: ensure option definition file is removed before appending
?RCS: patch36: protect variable definitions with spaces in them
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 06:55:44 ram
?RCS: patch30: now uses new me symbol to tag error messages
?RCS: patch30: new -D and -U options to define/undef symbols (JHI)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:14 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Command line parsing. It is really important that the variables used here
?X: be not listed in the MAKE line, or they will be saved in config.sh and
?X: loading this file to fetch default answers would clobber the values set
?X: herein.
?X:
?MAKE:Options:
startsh
?MAKE: -pick wipe \$@ %<
?V:reuseval alldone error realsilent silent extractsh fastread \
knowitall: config_sh
?T:arg argn symbol config_arg0 config_args config_argc xxx yyy zzz uuu
?T:args_exp args_sep arg_exp ccflags
?F:!Configure
?F:./optdef.sh ./cmdline.opt ./posthint.sh ./cmdl.opt
: Save command line options in file UU/cmdline.opt for later use in
: generating config.sh.

?X: This temporary file will be read by Oldsym.U. I used a temporary
 ?X: file to preserve all sorts of potential command line quotes and
 ?X: also because we don't know in advance how many variables we'll
 ?X: need, so I can't actually declare them on the MAKE line.
 ?X: The config_args variable won't be quite correct if Configure is
 ?X: fed something like `./Configure -Dcc="gcc -B/usr/ccs/bin/"`
 ?X: since the quotes are gone by the time we see them. You'd have to
 ?X: reconstruct the command line from the config_arg? lines, but since
 ?X: I don't imagine anyone actually having to do that, I'm not going
 ?X:

to worry too much.

```
cat > cmdline.opt <<EOSH
```

```
: Configure command line arguments.
```

```
config_arg0='$0'
```

```
config_args='$*'
```

```
config_argc=$#
```

```
EOSH
```

```
argn=1
```

```
args_exp=""
```

```
args_sep=""
```

```
for arg in "$@"; do
```

```
  cat >>cmdline.opt <<EOSH
```

```
  config_arg$argn='$arg'
```

```
EOSH
```

?X: Extreme backslashitis: replace each ' by ''''''

```
  cat <<EOC | sed -e "s/'/'''/g" > cmdl.opt
```

```
  $arg
```

```
EOC
```

```
  arg_exp=`cat cmdl.opt`
```

```
  args_exp="$args_exp$args_sep$args_exp"
```

```
  argn=`expr $argn + 1`
```

```
  args_sep=' '
```

```
done
```

?X: args_exp is good for restarting self: `eval "set X $args_exp"; shift; $0 "$@"`

?X: used by hints/os2.sh in Perl, for instance

```
rm -f cmdl.opt
```

: produce awk script to parse command line options

```
cat >options.awk <<'EOF'
```

```
BEGIN {
```

```
  optstr = "A:dD:eEf:hKOrsSU:V"; # getopt-style specification
```

```
  len = length(optstr);
```

```
  for (i = 1; i <= len; i++) {
```

```
    c = substr(optstr, i, 1);
```

?X: some older awk's do not have the C ?: construct

```
    if (i < len) a = substr(optstr, i + 1, 1); else a = "";
```

```
    if (a == ":") {
```

```

    arg[c] = 1;
    i++;
}
opt[c]
= 1;
}
}
{
expect = 0;
str = $0;
if (substr(str, 1, 1) != "-") {
    printf("%s\n", str);
    next;
}
len = length($0);
for (i = 2; i <= len; i++) {
    c = substr(str, i, 1);
    if (!opt[c]) {
        printf("-%s\n", substr(str, i));
        next;
    }
    printf("%s\n", c);
    if (arg[c]) {
        if (i < len)
            printf("%s\n", substr(str, i + 1));
        else
            expect = 1;
        next;
    }
}
}
END {
    if (expect)
        print "?";
}
EOF

```

: process the command line options

?X: Use "\$@" to keep arguments with spaces in them from being split apart.

?X: For the same reason, awk will output quoted arguments and the final eval

?X: removes them and sets a proper \$* array. An 'X' is prepended to each

?X: argument before being fed to echo to guard against 'echo -x', where -x

?X: would be understood as an echo option! It is removed before feeding awk.

set X `for arg in "\$@"; do echo "X\$arg"; done |

sed -e s/X// | awk -f options.awk`

eval "set \$*"

shift

rm -f options.awk

```

: set up default values
fastread=""
reuseval=false
config_sh=""
alldone=""
error=""
silent=""
extractsh=""
knowitall=""
rm
-f optdef.sh posthint.sh
cat >optdef.sh <<EOS
$startsh
EOS

```

```

?X:
?X: Given that we now have the possibility to execute Configure remotely
?X: thanks to the new src.U support, we have to face the possibility
?X: of having to ask where the source lie, which means we need the Myread.U
?X: stuff and possibly other things that might echo something on the
?X: screen...
?X:
?X: That's not pretty, and might be confusing in 99% of the time. So...
?X: We introduce a new realsilent variable which is set when -s is given,
?X: and we force silent=true if -S is supplied. The Extractall.U unit
?X: will then undo the >&4 redirection based on the value of the
?X: realsilent variable... -- RAM, 18/93/96
?X:

```

```

: option parsing
while test $# -gt 0; do
case "$1" in
-d) shift; fastread=yes;;
-e) shift; alldone=cont;;
-f)
shift
cd ..
if test -r "$1"; then
config_sh="$1"
else
echo "$me: cannot read config file $1."
>&2
error=true
fi
cd UU
shift;;
--help\

```

```

-h) shift; error=true;;
-r) shift; reuseval=true;;
-s) shift; silent=true; realsilent=true;;
-E) shift; alldone=exit;;
-K) shift; knowitall=true;;
-O) shift;;
-S) shift; silent=true; extractsh=true;;
-D)
shift
case "$1" in
*=)
echo "$me: use '-U symbol=', not '-D symbol='." >&2
echo "$me: ignoring -D $1" >&2
;;
*=*) echo "$1" | \
sed -e "s/^\\""/g" -e "s/=(.*)/=\\1/" >> optdef.sh;;
*) echo "$1='define'" >> optdef.sh;;
esac
shift
;;
-U)
shift
case "$1" in
*=) echo "$1" >> optdef.sh;;
*=*)
echo "$me: use '-D symbol=val', not '-U symbol=val'." >&2
echo "$me: ignoring -U $1" >&2
;;
*) echo "$1='undef'" >> optdef.sh;;
esac
shift
;;
-A)
shift
xxx=""
yyy="$1"
zzz=""
uuu=undef
case "$yyy" in
*=*) zzz=`echo "$yyy"|sed 's!=.*!!'^
case "$zzz" in
*:* ) zzz="" ;;
*) xxx=append

zzz=" "`echo "$yyy"|sed 's!^[^=]*=!!'^
yyy=`echo "$yyy"|sed 's!=.*!!'^ ;;
esac
;;

```

```

esac
case "$xxx" in
  *) case "$yyy" in
      *) xxx=`echo "$yyy"|sed 's!:.*!!'^
        yyy=`echo "$yyy"|sed 's!^[^:]*!!'^
        zzz=`echo "$yyy"|sed 's!^[^=]*!!'^
        yyy=`echo "$yyy"|sed 's!=. *!!'^ ;;
      *) xxx=`echo "$yyy"|sed 's!:. *!!'^
        yyy=`echo "$yyy"|sed 's!^[^:]*!!'^ ;;
    esac
  ;;
esac
case "$xxx" in
  append)
echo "$yyy=\\"${yyy}$zzz\""" >> posthint.sh ;;
  clear)
echo "$yyy="" >> posthint.sh ;;
  define)
  case "$zzz" in
    *) zzz=define ;;
  esac
echo "$yyy='$zzz'" >> posthint.sh ;;
  eval)
echo "eval \\"$yyy=$zzz\""" >> posthint.sh ;;
  prepend)
echo "$yyy=\\"$zzz${yyy}\""" >> posthint.sh ;;
  undef)

  case "$zzz" in
    *) zzz="$uuu" ;;
  esac
echo "$yyy=$zzz" >> posthint.sh ;;
  *) echo "$me: unknown -A command '$xxx', ignoring -A $1" >&2 ;;
  esac
  shift
  ;;
-V) echo "$me generated by metaconfig <VERSION> PL<PATCHLEVEL>." >&2
  exit 0;;
--) break;;
-*) echo "$me: unknown option $1" >&2; shift; error=true;;
*) break;;
esac
done

case "$error" in
  true)
cat >&2 <<EOM
Usage: $me [-dehrsEKOSV] [-f config.sh] [-D symbol] [-D symbol=value]

```

[-U symbol] [-U symbol=] [-A command:symbol...]

-d : use defaults for all answers.

-e : go on without questioning past the production of config.sh.

-f : specify an alternate default configuration file.

-h : print this help message and exit (with an error status).

-r : reuse C symbols value if possible (skips costly nm extraction).

-s : silent mode, only echoes questions and essential information.

-D : define symbol to have some value:

-D symbol symbol gets the value

'define'

-D symbol=value symbol gets the value 'value'

common used examples (see INSTALL for more info):

-Duse64bitint use 64bit integers

-Duse64bitall use 64bit integers and pointers

-Dusetthreads use thread support

-Dinc_version_list=none do not include older perl trees in @INC

-DEBUGGING=none DEBUGGING options

-Dcc=gcc choose your compiler

-Dprefix=/opt/perl5 choose your destination

-E : stop at the end of questions, after having produced config.sh.

-K : do not use unless you know what you are doing.

-O : ignored for backward compatibility

-S : perform variable substitutions on all .SH files (can mix with -f)

-U : undefine symbol:

-U symbol symbol gets the value 'undef'

-U symbol= symbol gets completely empty

e.g.: -Uversiononly

-A : manipulate symbol after the platform specific hints have been applied:

-A append:symbol=value append value to symbol

-A symbol=value like append:, but with a separating space

-A define:symbol=value define symbol to have value

-A clear:symbol define symbol to be "

-A define:symbol define symbol to be 'define'

-A eval:symbol=value define symbol to be eval of value

-A prepend:symbol=value prepend value to symbol

-A undef:symbol define symbol to be 'undef'

-A undef:symbol= define symbol to be "

e.g.: -A prepend:libswanted='cl pthread '

-A cflags=-DSOME_MACRO

-V : print version number and exit (with a zero status).

EOM

exit 1

::

esac

?X:

?X: Unless they specified either -S or both -d and -e/E, make sure we're

?X: running interactively, i.e. attached to a terminal. Moved from Head.U to

?X: be able to handle batch configurations...

?X:

?X: We have to hardwire the Configure name and cannot use \$me, since if they

?X: said 'sh <Configure', then \$me is 'sh'...

?X:

: Sanity checks

```
case "$fastread$alldone" in
```

```
yescont|yesexit) ;;
```

```
*)
```

```
case "$extractsh" in
```

```
true) ;;
```

```
*)
```

```
if test ! -t 0; then
```

```
    echo "Say 'sh Configure', not 'sh <Configure'"
```

```
    exit 1
```

```
fi
```

```
::
```

```
esac
```

```
::
```

```
esac
```

?X: In silent mode, the standard output is closed. Questions are asked by

?X: outputting on file descriptor #4, which is the original stdout descriptor.

?X: This filters out all the "junk", since all the needed information is written

?X: on #4. Note that ksh will not let us redirect output if the file descriptor

?X: has not been defined yet, unlike sh, hence the following line...--RAM.

```
exec 4>&1
```

```
case "$silent" in
```

```
true) exec 1>/dev/null;;
```

```
esac
```

: run the defines and the undefines, if any, but leave the file out there...

```
touch optdef.sh
```

?X: -q is POSIX

?X: It does not work in SysV (solaris) or old BSD greps.

```
grep '\| optdef.sh >/dev/null 2>&1
```

```
if test $? = 0; then
```

```
    echo "Configure does not support \| in -D arguments"
```

```
    exit 1
```

```
fi
```

```
./optdef.sh
```

: create the posthint manipulation script and leave the file out there...

?X: this file will be perused by Oldconfig.U

```
touch posthint.sh
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/modified/Options.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_brokstat.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_brokstat.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:30:53 ram
?RCS: patch61: created
?RCS:
?MAKE:d_brokstat: cat contains cppstdin cppminus +cppflags rm Setvar
?MAKE: -pick add $@ %<
?S:d_brokstat:
?S: This variable conditionally defines STAT_MACROS_BROKEN if some
?S: of the S_IS*() macros from <sys/stat.h> give false positive on
?S: regular files.
?S:.
?C:STAT_MACROS_BROKEN:
?C: This symbol, if defined, indicates that the S_IS*() stat macros
?C: such
?C: as S_ISBLK() give false positive and are thus unusable.
?C: Your best bet is then to supply your own set.
?C:.
?H:#$d_brokstat STAT_MACROS_BROKEN /**/
?H:.
?F:!try.c !try
?LINT:set d_brokstat
?LINT:usefile try
?X: This test inspired by autoconf -- RAM, 28/02/97
: are stat macros sane?
echo " "
echo "Checking whether your stat() macros are broken..."
$cat >try.c <<'EOC'
#include <sys/types.h>
#include <sys/stat.h>

#if defined(S_ISBLK) && defined(S_IFDIR)
#if S_ISBLK(S_IFDIR)
Broken
#endif
#endif
```

```

#if defined(S_ISBLK) && defined(S_IFCHR)
#if S_ISBLK(S_IFCHR)
Broken
#endif
#endif

#if defined(S_ISLNK) && defined(S_IFREG)
#if S_ISLNK(S_IFREG)
Broken.
#endif
#endif

#if defined(S_ISSOCK) && defined(S_IFREG)
#if S_ISSOCK(S_IFREG)
Broken.
#endif
#endif
EOC
$cpptest $cpptestflags $cpptestminus <try.c 2>/dev/null >try
if $contains Broken try >/dev/null 2>&1; then
echo "Alas, they are. I'll use my own macro set then." >&4
val="$define"
else
echo "Nope, working just fine." >&4
val="$undef"
fi
$rm
-f try try.c
set d_brokstat
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_brokstat.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

```

?RCS: $Log: sitearch.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 16:21:30 ram
?RCS: patch61: created
?RCS:
?MAKE:sitearch sitearchexp installsitearch: afs cat Getfile \
  Oldconfig Prefixit prefix test archname sitelib
?MAKE: -pick add $@ %<
?Y:TOP
?S:sitearch:
?S: This variable contains the eventual value of the SITEARCH symbol,
?S: which is the name of the private library for this package. It may
?S: have a ~ on the front. It is up to the makefile to eventually create
?S: this
  directory while performing installation (with ~ substitution).
?S:.
?S:sitearchexp:
?S: This variable is the ~name expanded version of sitearch, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?S:installsitearch:
?S: This variable is really the same as sitearchexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?C:SITEARCH:
?C: This symbol contains the name of the private library for this package.
?C: The library is private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world. The program
?C: should be prepared to do ~ expansion.
?C: The standard distribution will put nothing in this directory.
?C: Individual sites may place their own extensions and modules in
?C: this directory.
?C:.
?C:SITEARCH_EXP:
?C: This symbol contains the ~name expanded version of SITEARCH, to be used
?C: in programs that are not prepared to deal
  with ~ expansion at run-time.
?C:.
?H:#define SITEARCH "$sitearch" /**/
?H:#define SITEARCH_EXP "$sitearchexp" /**/
?H:.
?T:xxx
: determine where site specific architecture-dependent libraries go.
xxx=`echo $sitelib/$archname | sed 's!^$prefix!!'`
: xxx is usually lib/site_perl/archname.
set sitearch sitearch none
eval $prefixit
case "$sitearch" in

```

```
) dflt="$sitelib/$sarchname" ;;
*) dflt="$sitearch" ;;
esac
$cat <<EOM
```

The installation process will also create a directory for architecture-dependent site-specific extensions and modules.

```
EOM
fn=nd~+
rp='Pathname for the site-specific architecture-dependent library files?'
./getfile
if $test "X$sitearchexp" != "X$sansexp"; then
  installsitearch="
fi
sitearch="$sans"
sitearchexp="$sansexp"
if $afs; then
  $cat <<EOM
```

Since you are running AFS, I need to distinguish the directory in which private files reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```
EOM
case
"$installsitearch" in
) dflt=`echo $sitearchexp | sed 's#^/afs/#/afs/#^` ;;
*) dflt="$installsitearch";;
esac
fn=de~
rp='Where will private files be installed?'
./getfile
installsitearch="$sans"
else
installsitearch="$sitearchexp"
fi
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sitearch.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: archname.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:24:32 ram

?RCS: patch61: changed the way the archname is mangled from uname

?RCS:

?RCS: Revision 3.0.1.2 1995/05/12 12:05:24 ram

?RCS: patch54: protect against spaces in "uname -m" output (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1995/02/15 14:14:21 ram

?RCS: patch51: created

?RCS:

?MAKE:archname myarchname: sed Loc Myread Oldconfig osname test rm

?MAKE: -pick add \$@ %<

?S:archname:

?S: This variable is a short name to characterize the current

?S: architecture.

It is used mainly to construct the default archlib.

?S:.

?S:myarchname:

?S: This variable holds the architecture name computed by Configure in

?S: a previous run. It is not intended to be perused by any user and

?S: should never be set in a hint file.

?S:.

?C:ARCHNAME:

?C: This symbol holds a string representing the architecture name.

?C: It may be used to construct an architecture-dependant pathname

?C: where library files may be held under a private library, for

?C: instance.

?C:.

?H:#define ARCHNAME "\$archname" /**/

?H:.

?T:xxx tarch

: determine the architecture name

echo " "

?X: We always recompute archname in case osname changes. However, we need

?X: to be careful since, as ADO rightfully pointed out, some systems pick

?X: silly architecture names (0001307135000-aix on AIX or 9000/715-ux under

?X: HP-UX). Therefore, we allow hint files to supersede our guess and ask

?X: the user for confirmation.

if xxx=`./loc arch blurfl \$pth`; \$test -f "\$xxx"; then

tarch=`arch`-"-\$osname"

elif

xxx=`./loc uname blurfl \$pth`; \$test -f "\$xxx" ; then

if uname -m > tmparch 2>&1 ; then

```

tarch=`$sed -e 's/ *$//' -e 's/ /_/g' \
-e 's/$/"-$osname/" tmparch`
else
tarch="$osname"
fi
$rm -f tmparch
else
tarch="$osname"
fi
case "$myarchname" in
|"${tarch}") ;;
*)
echo "(Your architecture name used to be $myarchname.)"
archname="
;;
esac
case "$archname" in
") dflt="${tarch}";;
*) dflt="$archname";;
esac
rp='What is your architecture name'
./myread
archname="$ans"
myarchname="${tarch}"

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/archname.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_expm1: Inlibc

?MAKE: -pick add \$@ %<

?S:d_expm1:

?S: This variable conditionally defines the HAS_EXPM1 symbol, which

?S: indicates to the C program that the expm1() routine is available.

?S:.

?C:HAS_EXPM1:

?C: This symbol, if defined, indicates that the expm1 routine is

?C: available to do the exp(x) - 1 when x is near 1 function.

?C:.

?H:#\$d_expm1 HAS_EXPM1 /**/

?H:.

?LINT:set d_expm1

: see if expm1 exists

set expm1 d_expm1

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_expm1.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_mkdtmp: Inlibc

?MAKE: -pick add \$@ %<

?S:d_mkdtmp:

?S: This variable conditionally defines the HAS_MKDTEMP symbol, which

?S: indicates to the C program that the mkdtmp() routine is available

?S: to exclusively create a uniquely named temporary directory.

?S:.

?C:HAS_MKDTEMP :

?C: This symbol, if defined, indicates that the mkdtmp routine is

?C: available to exclusively create a uniquely named temporary directory.

?C:.

?H:#\$d_mkdtmp HAS_MKDTEMP /**/

?H:.

?LINT:set d_mkdtmp

: see if mkdtmp exists

set mkdtmp d_mkdtmp

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_mkdtmp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_fpclassl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fpclassl:

?S: This variable conditionally defines the HAS_FPCLASSL symbol, which

?S: indicates to the C program that the fpclassl() routine is available.

?S:.

?C:HAS_FPCLASSL:

?C: This symbol, if defined, indicates that the fpclassl routine is

?C: available to classify long doubles. Available for example in IRIX.

?C: The returned values are defined in <ieeefp.h> and are:

?C:

?C: FP_SNAN signaling NaN

?C: FP_QNAN quiet NaN

?C: FP_NINF negative infinity

?C: FP_PINF positive infinity

?C: FP_NDENORM negative denormalized non-zero

?C: FP_PDENORM positive denormalized non-zero

?C: FP_NZERO negative zero

?C: FP_PZERO positive zero

?C: FP_NNORM negative

normalized non-zero

?C: FP_PNORM positive normalized non-zero

?C:.

?H:#\$d_fpclassl HAS_FPCLASSL /**/

?H:.

?LINT:set d_fpclassl

: see if fpclassl exists

set fpclassl d_fpclassl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fpclassl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_fcntl.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_fcntl.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:18 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i_fcntl: h_fcntl h_sysfile +i_sysfile Inhdr Setvar

?MAKE:-pick add \$@ %<

?S:i_fcntl:

?S: This variable controls the value of I_FCNTL (which tells
?S: the C program to include <fcntl.h>).
?S:.
?C:I_FCNTL (HDR_O_STUFF FCNTL):
?C: This manifest constant tells the C program to include <fcntl.h>.
?C:.
?H:#\$i_fcntl I_FCNTL /**/
?H:.
?T:val
?X:
Make line lists +i_sysfile to ensure tests for <sys/file.h> will be
?X: conducted prior tests for <fcntl.h>, hence making sure the h_sysfile
?X: variable is correctly set when we reach that unit.
?LINT:set i_fcntl
?LINT:use i_sysfile
?LINT:change h_fcntl
: see if fcntl.h is there
val="
set fcntl.h val
eval \$inhdr

: see if we can include fcntl.h
case "\$val" in
"\$define")
echo " "
if \$h_fcntl; then
val="\$define"
echo "We'll be including <fcntl.h>." >&4
else
val="\$undef"
if \$h_sysfile; then
echo "We don't need to include <fcntl.h> if we include <sys/file.h>." >&4
else
echo "We won't be including <fcntl.h>." >&4
fi
fi
;;
*)
h_fcntl=false
val="\$undef"
;;
esac
set i_fcntl
eval \$setvar

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_fcntl.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_stddef.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_stddef.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:27 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_stddef: Inhdr
?MAKE: -pick add $@ %<
?S:i_stddef:
?S: This variable conditionally defines the I_STDDEF symbol, which
?S: indicates to the C program that <stddef.h> exists and should
?S: be included.
?S:.
?C:I_STDDEF:
?C: This symbol, if defined, indicates that <stddef.h> exists and should
?C: be included.
?C:.
?H:#$i_stddef I_STDDEF /**/
?H:.
?LINT:set
i_stddef
: see if stddef is available
set stddef.h i_stddef
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_stddef.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
```

```

?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: sizetype.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:32:10 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:sizetype: Myread Typedef
?MAKE: -pick add $@ %<
?S:sizetype:
?S: This variable defines sizetype to be something like size_t,
?S: unsigned long, or whatever type is used to declare length
?S: parameters for string functions.
?S:.
?C:Size_t:
?C: This symbol holds the type used to declare length parameters
?C: for string
functions. It is usually size_t, but may be
?C: unsigned long, int, etc. It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Size_t $sizetype /* length paramater for string functions */
?H:.
: see what type is used for size_t
set size_t sizetype 'unsigned int' stdio.h sys/types.h
eval $typedef
dflt="$sizetype"
echo " "
rp="What type is used for the length parameter for string functions?"
./myread
sizetype="$ans"

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sizetype.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:

```

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: modetype.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:25:07 ram

?RCS: patch36: created by ADO

?RCS:

?MAKE:modetype: Myread Typedef

?MAKE: -pick add \$@ %<

?S:modetype:

?S: This variable defines modetype to be something like mode_t,

?S: int, unsigned short, or whatever type is used to declare file

?S: modes for system calls.

?S:.

?C:Mode_t:

?C: This symbol holds the type used to declare file modes

?C: for systems calls.

It is usually mode_t, but may be

?C: int or unsigned short. It may be necessary to include <sys/types.h>

?C: to get any typedef'ed information.

?C:.

?H:#define Mode_t \$modetype /* file mode parameter for system calls */

?H:.

: see what type is used for mode_t

set mode_t modetype int stdio.h sys/types.h

eval \$typedef

dflt="\$modetype"

echo " "

rp="What type is used for file modes?"

./myread

modetype="\$ans"

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/modetype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vendorhtml1dir.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1999, Andy Dougherty

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: vendorhtml1dir.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

```

?RCS: Initial revision
?RCS:
?MAKE:vendorhtml1dir vendorhtml1direxp installvendorhtml1dir: html1dir Getfile \
Setprefixvar Oldconfig Prefixit test vendorprefix prefix sed
?MAKE: -pick add $@ %<
?Y:TOP
?S:vendorhtml1dir:
?S: This variable contains the name of the directory for html
?S: pages. It may have a ~ on the front.
?S: The standard distribution will put nothing in this
directory.
?S: Vendors who distribute perl may wish to place their own
?S: html pages in this directory with
?S: MakeMaker Makefile.PL INSTALLDIRS=vendor
?S: or equivalent. See INSTALL for details.
?S:.
?S:vendorhtml1direxp:
?S: This variable is the ~name expanded version of vendorhtml1dir, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installvendorhtml1dir="
?S:installvendorhtml1dir:
?S: This variable is really the same as vendorhtml1direxp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?LINT:change prefixvar
?LINT:set installvendorhtml1dir
: Set the vendorhtml1dir variables
case "$vendorprefix" in
") vendorhtml1dir="
vendorhtml1direxp="
;;
*) : determine where vendor-supplied html pages go.
: There is no standard location, so try to copy the previously-selected
: directory structure for the core html pages.
: XXX Better default suggestions would be welcome.
case "$vendorhtml1dir"
in
") dflt=`echo "$html1dir" | $sed "s#^$prefix#$vendorprefix#"` ;;
*) dflt=$vendorhtml1dir ;;
esac
case "$dflt" in
"| ") dflt=none ;;
esac
fn=dn+~
rp='Pathname for the vendor-supplied html pages?'
./getfile

```

```
vendorhtml1dir="$ans"
vendorhtml1direxp="$ansexp"
;;
esac
: Use ' ' for none so value is preserved next time through Configure
$test X"$vendorhtml1dir" = "X" && vendorhtml1dir=' '
prefixvar=vendorhtml1dir
. ./installprefix
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorhtml1dir.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d__fwalk: Inlibc

?MAKE: -pick add \$@ %<

?S:d__fwalk:

?S: This variable conditionally defines HAS__FWALK if _fwalk() is

?S: available to apply a function to all the file handles.

?S:.

?C:HAS__FWALK:

?C: This symbol, if defined, indicates that the _fwalk system call is

?C: available to apply a function to all the file handles.

?C:.

?H:#\$d__fwalk HAS__FWALK /**/

?H:.

?LINT:set d__fwalk

: see if _fwalk exists

set fwalk d__fwalk

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d__fwalk.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_strerror.U,v \$

?RCS: Revision 3.0.1.3 1994/05/13 15:20:27 ram

?RCS: patch27: now uses new macro support for cleaner Strerror def

?RCS:

?RCS: Revision 3.0.1.2 1994/05/06 14:58:26 ram

?RCS: patch23: renamed strerror into Strerror to protect name space (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/01/24 14:08:56 ram

?RCS: patch16: protected code looking for sys_errnolist[] with @if

?RCS: patch16: added default value for d_syserrlst

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:35 ram

?RCS: Baseline
for dist 3.0 netwide release.

?RCS:

?MAKE:d_strerror d_syserrlst d_syserrlst d_strerror: contains Csym Findhdr

?MAKE: -pick add \$@ %<

?S:d_strerror:

?S: This variable conditionally defines HAS_STRERROR if strerror() is
?S: available to translate error numbers to strings.

?S:.

?S:d_syserrlst:

?S: This variable conditionally defines HAS_SYS_ERRLIST if sys_errlist[] is
?S: available to translate error numbers to strings.

?S:.

?S:d_syserrlst:

?S: This variable conditionally defines HAS_SYS_ERRNOLIST if sys_errnolist[]
?S: is available to translate error numbers to the symbolic name.

?S:.

?S:d_strerror:

?S: This variable holds what Strerrr is defined as to translate an error
?S: code condition into an error message string. It could be 'strerror'
?S: or a more complex macro emulating strrror with sys_errlist[], or the
?S: "unknown" string when both strerror and sys_errlist are missing.

?S:.

?C:HAS_STRERROR (STRERROR):

?C: This symbol, if defined, indicates that the strerror routine is
?C: available
to translate error numbers to strings. See the writeup
?C: of Strerror() in this file before you try to define your own.

?C:.

?C:HAS_SYS_ERRLIST (SYSERRLIST):

?C: This symbol, if defined, indicates that the sys_errlist array is

?C: available to translate error numbers to strings. The extern int

?C: sys_nerr gives the size of that table.

?C:.

?C:HAS_SYS_ERRNOLIST (SYSERRNOLIST):

?C: This symbol, if defined, indicates that the sys_errnolist array is

?C: available to translate an errno code into its symbolic name (e.g.

?C: ENOENT). The extern int sys_nerrno gives the size of that table.

?C:.

?C:Strerror:

?C: This preprocessor symbol is defined as a macro if strerror() is

?C: not available to translate error numbers to strings but sys_errlist[]

?C: array is there.

?C:.

```
?H:#$d_strerror HAS_STRERROR /**/
```

```
?H:#$d_syserrlst HAS_SYS_ERRLIST /**/
```

```
?H:#$d_syserrnlst HAS_SYS_ERRNOLIST /**/
```

```
?H:#define Strerror(e) $d_strerror
```

?H:.

```
?D:d_syserrnlst="
```

```
?T:xxx val
```

```
: see if strerror and/or sys_errlist[]
```

```
exist
```

```
echo " "
```

```
if set strerror val -f d_strerror; eval $sym; $val; then
```

```
echo 'strerror() found.' >&4
```

```
d_strerror="$define"
```

```
d_strerrorm='strerror(e)'
```

```
if set sys_errlist val -a d_syserrlst; eval $sym; $val; then
```

```
echo "(You also have sys_errlist[], so we could roll our own strerror.)"
```

```
d_syserrlst="$define"
```

```
else
```

```
echo "(Since you don't have sys_errlist[], strerror() is welcome.)"
```

```
d_syserrlst="$undef"
```

```
fi
```

```
elif xxx=`./findhdr string.h`; test "$xxx" || xxx=`./findhdr strings.h`; \
```

```
$contains '#[ ]*define.*strerror' "$xxx" >/dev/null 2>&1; then
```

```
echo 'strerror() found in string header.' >&4
```

```
d_strerror="$define"
```

```
d_strerrorm='strerror(e)'
```

```
if set sys_errlist val -a d_syserrlst; eval $sym; $val; then
```

```
echo "(Most probably, strerror() uses sys_errlist[] for descriptions.)"
```

```
d_syserrlst="$define"
```

```
else
```

```
echo "(You don't appear to have any sys_errlist[], how can this be?)"
```

```
d_syserrlst="$undef"
```



```

fi
elif set sys_errlist val -a d_syserrlst; eval $csym; $val; then
echo "strerror()
not found, but you have sys_errlist[] so we'll use that." >&4
d_strerror="$undef"
d_syserrlst="$define"
d_strerrorm='((e)<0||e)>=sys_nerr?"unknown":sys_errlist[e)]'
else
echo 'strerror() and sys_errlist[] NOT found.' >&4
d_strerror="$undef"
d_syserrlst="$undef"
d_strerrorm=""unknown""
fi
@if d_syserrlst || HAS_SYS_ERRNOLIST
if set sys_errnolist val -a d_syserrlst; eval $csym; $val; then
echo "(Symbolic error codes can be fetched via the sys_errnolist[] array.)"
d_syserrlst="$define"
else
echo "(However, I can't extract the symbolic error code out of errno.)"
d_syserrlst="$undef"
fi
@end

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strerror.U
```

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?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_nan: Inlibc

?MAKE: -pick add \$@ %<

?S:d_nan:

?S: This variable conditionally defines HAS_NAN if nan() is

?S: available to generate NaN.

?S:.

?C:HAS_NAN:

?C: This symbol, if defined, indicates that the nan routine is

?C: available to generate NaN.

?C:.

?H:#\$d_nan HAS_NAN /**/

?H:.

?LINT:set d_nan

: see if nan exists

set nan d_nan

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nan.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_chown.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_chown.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:07:14 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d_chown: Inlibc

?MAKE: -pick add \$@ %<

?S:d_chown:

?S: This variable conditionally defines the HAS_CHOWN symbol, which

?S: indicates to the C program that the chown() routine is available.

?S:.

?C:HAS_CHOWN :

?C: This symbol, if defined, indicates that the chown routine is

?C: available.

?C:.

?H:#\$d_chown

HAS_CHOWN /**/

?H:.

?LINT:set d_chown

: see if chown exists

set chown d_chown

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_chown.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_dlfcn.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: \$Log: i_dlfcn.U,v \$
?RCS: Revision 3.0.1.1 1994/08/29 16:21:53 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:i_dlfcn: Inhdr
?MAKE: -pick add \$@ %<
?S:i_dlfcn:
?S: This variable conditionally defines the I_DLFCN symbol, which
?S: indicates to the C program that <dlfcn.h> exists and should
?S: be included.
?S:.
?C:I_DLFCN:
?C: This symbol, if defined, indicates that <dlfcn.h> exists
and should
?C: be included.
?C:.
?H:#\$i_dlfcn I_DLFCN /**/
?H:.
?LINT:set i_dlfcn
: see if dlfcn is available
set dlfcn.h i_dlfcn
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_dlfcn.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
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?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:

?RCS: \$Log: lns.U,v \$
?RCS: Revision 3.0.1.1 1994/06/20 07:05:52 ram
?RCS: patch30: created by ADO
?RCS:
?X:
?X: This unit checks whether symbolic links are really supported.
?X: We can't rely on d_symlink because that may be listed in the
?X: C library but unimplemented.
?X:

?MAKE:lns: ln rm touch test

?MAKE: -pick add \$@ %<

?S:lns:

?S: This variable holds the name of the command to make

?S: symbolic links (if they are supported).

It can be used

?S: in the Makefile. It is either 'ln -s' or 'ln'

?S:.

: determine whether symbolic links are supported

echo " "

\$rm -f blurfl sym

\$touch blurfl

if \$ln -s blurfl sym > /dev/null 2>&1 && \$test -f sym; then

echo "Symbolic links are supported." >&4

lns="\$ln -s"

else

echo "Symbolic links are NOT supported." >&4

lns="\$ln"

fi

\$rm -f blurfl sym

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lns.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: fpostype.U,v 3.0.1.2 1994/08/29 16:20:52 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: fpostype.U,v \$

?RCS: Revision 3.0.1.2 1994/08/29 16:20:52 ram

?RCS: patch32: now uses new Typedef unit to compute type information

?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 06:59:59 ram
?RCS: patch30: created
?RCS:
?MAKE:fpostype: Myread Typedef
?MAKE: -pick add \$@ %<
?S:fpostype:
?S: This variable defines Fpos_t to be something like fpos_t, long,
?S: uint, or whatever type is used to declare file positions in libc.
?S:.
?C:Fpos_t:
?C: This symbol holds
the type used to declare file positions in libc.
?C: It can be fpos_t, long, uint, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Fpos_t \$fpostype /* File position type */
?H:.
?LINT:set fpostype
: see what type file positions are declared as in the library
rp="What is the type for file position used by fsetpos()?"
set fpos_t fpostype long stdio.h sys/types.h
eval \$typedef_ask

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/fpostype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 2017, Karl Williamson
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:i_wchar: Inhdr
?MAKE: -pick add \$@ %<
?S:i_wchar:
?S: This variable conditionally defines the I_WCHAR symbol,
?S: that indicates whether a C program may include <wchar.h>.
?S:.
?C:I_WCHAR:
?C: This symbol, if defined, indicates to the C program that <wchar.h>
?C: is available for inclusion

```
?C:
?H:#$i_wchar I_WCHAR /**/
?H:
?LINT:set i_wchar
: see if wchar.h is present
set wchar.h i_wchar
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_wchar.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: locdist.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: locdist.U,v $
?RCS: Revision 3.0.1.1 1994/05/06 15:09:20 ram
?RCS: patch23: added support for multi-state regions (WED)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:06 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:locdist orgdist citydist statedist multistatedist cntrydist contdist: \
test newslibexp cat Myread Oldconfig
?MAKE: -pick add $@ %<
?S:locdist:
?S: This variable contains the eventual value of the LOCDIST symbol,
?S: which
is the local organization's distribution name for news.
?S:..
?S:orgdist:
?S: This variable contains the eventual value of the ORGDIST symbol,
?S: which is the organization's distribution name for news.
?S:..
?S:citydist:
?S: This variable contains the eventual value of the CITYDIST symbol,
?S: which is the city's distribution name for news.
?S:..
?S:statedist:
?S: This variable contains the eventual value of the STATEDIST symbol,
```

?S: which is the state's or province's distribution name for news.
?S:.
?S:multistatedist:
?S: This variable contains the eventual value of the MULTISTATEDIST symbol,
?S: which is the news distribution code for multi-state region.
?S:.
?S:centrydist:
?S: This variable contains the eventual value of the CENTRYDIST symbol,
?S: which is the country's distribution name for news.
?S:.
?S:contdist:
?S: This variable contains the eventual value of the CONTDIST symbol,
?S: which is the continent's distribution name for news.
?S:.
?C:LOCDIST:
?C: This symbol contains the
distribution name for the news system that
?C: restricts article distribution to the local organization.
?C:.
?C:ORGDIST:
?C: This symbol contains the distribution name for the news system that
?C: restricts article distribution to the organization.
?C:.
?C:CITYDIST:
?C: This symbol contains the distribution name for the news system that
?C: restricts article distribution to the city.
?C:.
?C:STATEDIST:
?C: This symbol contains the distribution name for the news system that
?C: restricts article distribution to the state or province.
?C:.
?C:MULTISTATEDIST:
?C: This symbol contains the distribution name for the news system that
?C: restricts article distribution to a multi-state region.
?C:.
?C:CENTRYDIST:
?C: This symbol contains the distribution name for the news system that
?C: restricts article distribution to the country.
?C:.
?C:CONTDIST:
?C: This symbol contains the distribution name for the news system that
?C: restricts article distribution to the continent.
?C:.
?H:#define LOCDIST
"\$locdist" /**/
?H:#define ORGDIST "\$orgdist" /**/
?H:#define CITYDIST "\$citydist" /**/
?H:#define MULTISTATEDIST "\$multistatedist" /**/

```
?H:#define STATEDIST "$statedist" /**/
?H:#define CNTRYDIST "$cntrydist" /**/
?H:#define CONTDIST "$contdist" /**/
?H.:
: get the local distributions
$cat <<'EOH'
```

Distribution groups are the things you use on the Distribution line to limit where an article will go to. You are likely to be a member of several distribution groups, such as organization, city, state, province, country, continent, etc. For example, Los Angeles has the distribution code "la", New Jersey has the code "nj", and Europe has the code "eunet".

The categories you will be asked are:

```
local organization (Could be just one machine or a cluster or an office)
organization att, dec, kgb, ...
city la, ny, mosc, ...
state/province ca, nj, bc, ...
multi-state region pnw, ne, ...
country usa, can, rok, whatever
continent na (North America), asia, etc.
```

```
EOH
if $test
-f $newslibexp/distributions; then
case "$silent" in
true) ;;
*) dflt='Hit return to continue'
rp="
./myread
;;
esac
echo "Here is your distributions file:" >&4
echo " " >&4
$cat >&4 $newslibexp/distributions
echo " " >&4
fi
echo "Use 'none' for any distributions you don't have."
echo " "
case "$locdist" in
") dflt="none";;
*) dflt="$locdist";;
esac
rp="What is the distribution code for your local organization?"
./myread
locdist="$ans"
case "$orgdist" in
```



```

") dflt="none";;
*) dflt="$orgdist";;
esac
rp="What is the distribution code for your organization?"
./myread
orgdist="$ans"
case "$citydist" in
") dflt="none";;
*) dflt="$citydist";;
esac
rp="What is the distribution code for your city?"
./myread
citydist="$ans"
case "$statedist" in
") dflt="none";;
*) dflt="$statedist";;
esac
rp="What is the distribution code for your state/province?"
./myread
statedist="$ans"
case "$multistatedist" in
") dflt="none";;
*) dflt="$multistatedist";;
esac
rp="What is the
distribution code for your multi-state region?"
./myread
multistatedist="$ans"
case "$cntrydist" in
") dflt="none";;
*) dflt="$cntrydist";;
esac
rp="What is the distribution code for your country?"
./myread
cntrydist="$ans"
case "$contdist" in
") dflt="none";;
*) dflt="$contdist";;
esac
rp="What is the distribution code for your continent?"
./myread
contdist="$ans"
$cat <<'EOM'

```

If you have any other distribution groups you will need to edit Pnews and newsetup to add them.

EOM

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/locdist.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_fmax: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fmax:

?S: This variable conditionally defines the HAS_FMAX symbol, which

?S: indicates to the C program that the fmax() routine is available.

?S:.

?C:HAS_FMAX:

?C: This symbol, if defined, indicates that the fmax routine is

?C: available to do the maximum function.

?C:.

?H:#\$d_fmax HAS_FMAX /**/

?H:.

?LINT:set d_fmax

: see if fmax exists

set fmax d_fmax

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fmax.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_group.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_group.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:34:52 ram

?RCS: patch61: useless unit dropped.

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:07:48 ram

?RCS: patch32: created by ADO

?RCS:
?X:
?X: Useless unit dropped.
?X:
?LINT:empty

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_group.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_float.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: i_float.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:21:57 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:i_float: Inhdr

?MAKE: -pick add \$@ %<

?S:i_float:

?S: This variable conditionally defines the I_FLOAT symbol, and indicates

?S: whether a C program may include <float.h> to get symbols like DBL_MAX

?S: or DBL_MIN, i.e. machine dependent floating point values.

?S:.

?C:I_FLOAT:

?C: This

symbol, if defined, indicates to the C program that it should

?C: include <float.h> to get definition of symbols like DBL_MAX or

?C: DBL_MIN, i.e. machine dependent floating point values.

?C:.

?H:#\$i_float I_FLOAT /**/

?H:.

?LINT:set i_float

: see if this is a float.h system

set float.h i_float

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_float.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Oldconfig.U,v \$

?RCS: Revision 3.0.1.10 1997/02/28 15:06:39 ram

?RCS: patch61: added support for src.U

?RCS: patch61: new OSNAME define

?RCS: patch61: can now sense new OSes

?RCS:

?RCS: Revision 3.0.1.9 1995/07/25 13:40:51 ram

?RCS: patch56: now knows about OS/2 platforms

?RCS:

?RCS: Revision 3.0.1.8 1995/05/12 12:04:18 ram

?RCS: patch54: config.sh reload logic now knows about new -K switch

?RCS: patch54: cleaned up and extended osvers for DEC OSF/1 (ADO)

?RCS: patch54: added MachTen detection

(ADO)

?RCS:

?RCS: Revision 3.0.1.7 1995/02/15 14:13:41 ram

?RCS: patch51: adapted osvers computation for AIX (ADO)

?RCS:

?RCS: Revision 3.0.1.6 1995/01/30 14:27:15 ram

?RCS: patch49: unit Options.U now exports file optdef.sh, not a variable

?RCS: patch49: update code for myuname changed (WED)

?RCS:

?RCS: Revision 3.0.1.5 1995/01/11 15:15:36 ram

?RCS: patch45: added quotes around the INITPROG variable (ADO)

?RCS: patch45: allows variable overriding after config file loading

?RCS:

?RCS: Revision 3.0.1.4 1994/10/29 15:57:05 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS: patch36: merged with the version used for perl5's Configure (ADO)

?RCS:

?RCS: Revision 3.0.1.3 1994/05/06 14:24:17 ram

?RCS: patch23: added support for osf1 hints

?RCS: patch23: new support for solaris and i386 systems (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1994/01/24 14:05:02 ram
?RCS: patch16: added post-processing on myuname for Xenix targets
?RCS: patch16: message proposing config.sh
defaults made consistent
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 15:56:32 ram
?RCS: patch10: force use of config.sh when -d option is used (WAD)
?RCS: patch10: complain about non-existent hint files (WAD)
?RCS: patch10: added Options dependency for fastread variable
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:12 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit tries to remember what we did last time we ran Configure, mostly
?X: for the sake of setting defaults.
?X:
?MAKE:Oldconfig hint myuname osname osvers: Instruct Myread Checkcc \
Mksymlinks Loc Options Tr src trnl ln uname sh awk sed test cat grep \
rm lns tr n c contains targetarch
?MAKE: -pick wipe \$@ %<
?S:myuname:
?S: The output of 'uname -a' if available, otherwise the hostname. On Xenix,
?S: pseudo variables assignments in the output are stripped, thank you. The
?S: whole thing is then lower-cased.
?S:.
?S:hint:
?S: Gives the type of hints used for previous answers. May be one of
?S: "default",
"recommended" or "previous".
?S:.
?S:osname:
?S: This variable contains the operating system name (e.g. sunos,
?S: solaris, hpux, etc.). It can be useful later on for setting
?S: defaults. Any spaces are replaced with underscores. It is set
?S: to a null string if we can't figure it out.
?S:.
?S:osvers:
?S: This variable contains the operating system version (e.g.
?S: 4.1.3, 5.2, etc.). It is primarily used for helping select
?S: an appropriate hints file, but might be useful elsewhere for
?S: setting defaults. It is set to " if we can't figure it out.
?S: We try to be flexible about how much of the version number
?S: to keep, e.g. if 4.1.1, 4.1.2, and 4.1.3 are essentially the
?S: same for this package, hints files might just be os_4.0 or
?S: os_4.1, etc., not keeping separate files for each little release.
?S:.
?C:OSNAME:

?C: This symbol contains the name of the operating system, as determined
?C: by Configure. You shouldn't rely on it too much; the specific
?C: feature tests from Configure are generally more reliable.
?C:.
?C:OSVERS:
?C: This symbol contains the version of the operating system, as determined
?C: by Configure. You shouldn't rely on it too much; the specific
?C: feature tests from Configure are generally more reliable.
?C:.
?H:#define OSNAME "\$osname" /**/
?H:#define OSVERS "\$osvers" /**/
?H:.
?F:!config.sh
?T:tmp tmp_n tmp_c tmp_sh file
?T:xxxxfile xxxfile xxfile xfile hintfile newmyuname
?T:tans _ isesix INITPROG DJGPP has_uname
?D:osname="
?LINT:change n c sh
?LINT:extern hostarch
?LINT:change hostarch
: Determine the name of the machine
myuname=`\$uname -a 2>/dev/null`
\$test -z "\$myuname" && myuname=`hostname 2>/dev/null`
?X: Special mention for Xenix, whose 'uname -a' gives us output like this:
?X: sysname=XENIX
?X: nodename=whatever
?X: release=2.3.2 .. etc...
?X: Therefore, we strip all this variable assignment junk and remove all the
?X: new lines to keep the myuname variable sane... --RAM
myuname=`echo \$myuname | \$sed -e
's/^[^=]*=/' -e 's/\\//g' | \
./tr '[A-Z]' '[a-z]' | \$tr \$trnl ' '`
?X: Save the value we just computed to reset myuname after we get done here.
newmyuname="\$myuname"
\$test -f "\$uname\$_exe" && has_uname=y

: Guessing of the OS name -- half the following guesses are probably wrong...
: If you have better tests or hints, please send them to the metaconfig
: authors and to <MAINTLOC>
\$test -f /irix && osname=irix
\$test -f /xenix && osname=sco_xenix
\$test -f /dynix && osname=dynix
\$test -f /dnix && osname=dnix
\$test -f /lynx.os && osname=lynxos
\$test -f /unicos && osname=unicos && osvers=`\$uname -r`
\$test -f /unicosmk && osname=unicosmk && osvers=`\$uname -r`
\$test -f /unicosmk.ar && osname=unicosmk && osvers=`\$uname -r`

```

$stest -f /bin/mips && /bin/mips && osname=mips
$stest -d /NextApps && set X `hostinfo | $grep 'NeXT Mach.*:' | \
  $sed -e 's:/:/' -e 's\./_/' && osname=next && osvers=$4
$stest -d /usr/apollo/bin && osname=apollo
$stest -f /etc/saf/_sactab && osname=svr4
$stest -d /usr/include/minix
  && osname=minix
$stest -f /system/gnu_library/bin/ar.pm && osname=vos
if $stest -d /MachTen -o -d /MachTen_Folder; then
?X: MachTen uname -a output looks like
?X: xxx 4 0.0 Macintosh
?X: MachTen /sbin/version output looks like
?X: MachTen 4.0 Mon Aug 28 10:18:00 1995
?X: MachTen 3.x had the 'version' command in /usr/etc/version.
  osname=machten
  if $stest -x /sbin/version; then
    osvers=`/sbin/version | $awk '{print $2}' |
    $sed -e 's/[A-Za-z]$/'`
  elif $stest -x /usr/etc/version; then
    osvers=`/usr/etc/version | $awk '{print $2}' |
    $sed -e 's/[A-Za-z]$/'`
  else
    osvers="$2.$3"
  fi
fi
$stest -f /sys/posix.dll &&
$stest -f /usr/bin/what &&
set X `usr/bin/what /sys/posix.dll` &&
$stest "$3" = UWIN &&
osname=uwin &&
osvers="$5"
?X: If we have uname, we already computed a suitable uname -a output, correctly
?X: formatted for Xenix, and it lies in $myuname.
if $stest "X$has_uname" != X; then
  set X $myuname
  shift
  case "$5" in
  fps*) osname=fps ;;
  mips*)
    case "$4"
    in
    umips) osname=umips ;;
    *) osname=mips ;;
    esac;;
  [23]100) osname=mips ;;
  next*) osname=next ;;
?X: Interactive Unix.
i386*)

```

```

tmp=`/bin/uname -X 2>/dev/null|awk '/3\.2v[45]/{ print $(NF) }`
if $test "$tmp" != "" -a "$3" = "3.2" -a -f /etc/systemid; then
    osname='sco'
    osvers=$tmp
elif $test -f /etc/kconfig; then
    osname=isc
if $test "$lns" = "$ln -s"; then
    osvers=4
elif $contains _SYSV3 /usr/include/stdio.h > /dev/null 2>&1 ; then
    osvers=3
elif $contains _POSIX_SOURCE /usr/include/stdio.h > /dev/null 2>&1 ; then
    osvers=2
fi
fi
tmp=""
;;

```

?X: MS-DOS djgpp uname -a output looks like:

?X: ms-dos xxx 6 22 pc

?X: \$1 is the "dos flavor" (need not be "ms-dos").

?X: \$2 is the node name

?X: \$3 and \$4 are version/subversion

?X: \$5 is always "pc", but that might not be unique to DJGPP.

?X: (e.g. Solaris_x86 has \$5 = i86pc, which doesn't actually conflict,

?X: but it's close enough that I can easily imagine other vendors also

?X: using variants

of pc* in \$5.)

?X: The "DJGPP" environment variable is always set when djgpp is active.

pc*)

```

if $test -n "$DJGPP"; then

```

```

    osname=dos

```

```

    osvers=djgpp

```

```

fi

```

```

;;

```

```

esac

```

```

case "$1" in

```

```

aix) osname=aix

```

?X: aix 4.1 uname -a output looks like

?X: AIX foo 1 4 000123456789

?X: where \$4 is the major release number and \$3 is the (minor) version.

?X: More detail on the version is available with the oslevel command.

?X: in 3.2.x, it output a string (see case statements below). In 4.1,

?X: it puts out something like 4.1.1.0

```

tmp=`( oslevel) 2>/dev/null || echo "not found") 2>&1`

```

```

case "$tmp" in

```

```

'not found') osvers="$4"."$3" ;;

```

```

'<3240'|<>3240') osvers=3.2.0 ;;

```

```

'<=3240'|>3240'|<3250'|<>3250') osvers=3.2.4 ;;

```

```

'<=3250'|>3250') osvers=3.2.5 ;;

```



```

*) osvers=$tmp;;
esac
;;
bsd386) osname=bsd386
osvers=`$uname -r`
;;
cygwin*) osname=cygwin
osvers="$3"
;;
*dc.osx) osname=dcosx
osvers="$3"
;;
dnix) osname=dnix
osvers="$3"
;;
domainos) osname=apollo
osvers="$3"
;;
dgux)
osname=dgux
osvers="$3"
;;
?X: uname -a returns
?X: DYNIX/ptx xxx 4.0 V4.1.2 i386
dynixptx*) osname=dynixptx
osvers=`echo "$4"|sed 's/^v//'^
;;
freebsd) osname=freebsd
osvers="$3" ;;
genix) osname=genix ;;
?X: HP-UX uname -a gives something like
?X: HP-UX foobar B.10.20 A 9000/735 2016483812 two-user license
?X: Preserve the full 10.20 string instead of the previous plain '10'.
?X: Thanks to Graham Barr. --AD 6/30/1998
hp*) osname=hpux
osvers=`echo "$3" | $sed 's,.*\.[0-9]*\.[0-9]*\),\1,`
;;
irix*) osname=irix
case "$3" in
4*) osvers=4 ;;
5*) osvers=5 ;;
*) osvers="$3" ;;
esac
;;
linux) osname=linux
case "$3" in
*) osvers="$3" ;;
esac

```

```

;;
MiNT) osname=mint
;;
netbsd*) osname=netbsd
osvers="$3"
;;
news-os) osvers="$3"
case "$3" in
4*) osname=newsos4 ;;
*) osname=newsos ;;
esac
;;
next*) osname=next ;;
nonstop-ux) osname=nonstopux ;;
openbsd) osname=openbsd
osvers="$3"
;;
POSIX-BC | posix-bc
) osname=posix-bc
osvers="$3"
;;
powerux | power_ux | powermax_os | powermaxos | \
powerunix | power_unix) osname=powerux
osvers="$3"
;;
qnx) osname=qnx
osvers="$4"
;;
solaris) osname=solaris
case "$3" in
5*) osvers=`echo $3 | $sed 's/^5/2/g'` ;;
*) osvers="$3" ;;
esac
;;
sunos) osname=sunos
case "$3" in
5*) osname=solaris
osvers=`echo $3 | $sed 's/^5/2/g'` ;;
*) osvers="$3" ;;
esac
;;
titanos) osname=titanos
case "$3" in
1*) osvers=1 ;;
2*) osvers=2 ;;
3*) osvers=3 ;;
4*) osvers=4 ;;
*) osvers="$3" ;;

```

```

esac
;;
ultrix) osname=ultrix
osvers="$3"
;;
osf1|m1s+) case "$5" in
alpha)
?X: DEC OSF/1 myuname -a output looks like: osf1 xxxx t3.2 123.4 alpha
?X: where the version number can be something like [xvt]n.n
osname=dec_osf
?X: sizer knows the minor minor version: the letter
osvers=`sizer -v | awk '{print $3}' | \
./tr '[A-Z]' '[a-z]' | sed 's/^[xvt]//'`
case "$osvers" in
[1-9].[0-9]*) ;;
*) osvers=`echo
"$3" | sed 's/^[xvt]//'` ;;
esac
;;
hp*) osname=hp_osf1 ;;
mips) osname=mips_osf1 ;;
?X: hp and mips were unsupported Technology Releases -- ADO, 24/10/94
esac
;;
unixware) osname=svr5
osvers="$4"
;;
uts) osname=uts
osvers="$3"
;;
vos) osvers="$3"
;;
$2) case "$osname" in
*isc*) ;;
*freebsd*) ;;
svr*)
: svr4.x or possibly later
case "svr$3" in
${osname}*)
osname=svr$3
osvers=$4
;;
esac
case "$osname" in
svr4.0)
: Check for ESIX
if $test -f /stand/boot ; then
eval `grep '^INITPROG=[a-z/0-9]*$' /stand/boot`

```

```

if $test -n "$INITPROG" -a -f "$INITPROG"; then
  isesix=`strings -a $INITPROG | \
  $grep 'ESIX SYSTEM V/386 Release 4.0`
  if $test -n "$isesix"; then
    osname=esix4
  fi
fi
fi
;;
esac
;;
*) if $test -f /etc/systemid; then
  osname=sco
  set `echo $3 | $sed 's/./ /g` $4
  if $test -f $src/hints/sco_$1_$2_$3.sh; then
    osvers=$1.$2.$3
  elif $test
-f $src/hints/sco_$1_$2.sh; then
    osvers=$1.$2
  elif $test -f $src/hints/sco_$1.sh; then
    osvers=$1
  fi
else
  case "$osname" in
    ") : Still unknown. Probably a generic Sys V.
    osname="sysv"
    osvers="$3"
    ;;
  esac
fi
;;
esac
;;
*) case "$osname" in
    ") : Still unknown. Probably a generic BSD.
    osname="$1"
    osvers="$3"
    ;;
  esac
;;
esac
else
?X: Try to identify sony's NEWS-OS (BSD unix)
if $test -f /vmunix -a -f $src/hints/news_os.sh; then
(what /vmunix | UU/tr '[A-Z]' '[a-z]') > UU/kernel.what 2>&1
if $contains news-os UU/kernel.what >/dev/null 2>&1; then
  osname=news_os
fi

```

```

$rm -f UU/kernel.what
?X: Maybe it's OS/2 or DOS or something similar
elif $test -d c:/.; then
  set X $myuname
  osname=os2
  osvers="$5"
fi
fi

```

```

: Try to determine whether config.sh was made on this system
case "$config_sh" in

```

```

")
?X: indentation wrong on purpose--RAM
dflt=n
case "$knowitall" in
")
if test -f ../config.sh; then
  if $contains
myuname= ../config.sh >/dev/null 2>&1; then
  eval "`$grep myuname= ../config.sh`"
  fi
if test "X$myuname" = "X$newmyuname"; then
  dflt=y
  fi
fi
;;
*) dflt=y;;
esac

```

```

: Get old answers from config file if it was generated on the same system

```

```

hint=default
if $test -f ../config.sh; then
echo " "
rp="I see a config.sh file. Shall I use it to set the defaults?"
. ./myread
case "$ans" in
n*|N*) echo "OK, I'll ignore it."
mv ../config.sh ../config.sh.old
myuname="$newmyuname"
;;
*) echo "Fetching default answers from your old config.sh file..." >&4
tmp_n="$n"
tmp_c="$c"
tmp_sh="$sh"
. ../config.sh
cp ../config.sh .
n="$tmp_n"
c="$tmp_c"

```

```

    hint=previous
;;
esac
fi
?X: remember, case indentation is wrong--RAM
;;
*)
echo " "
echo "Fetching default answers from $config_sh..." >&4
tmp_n="$n"
tmp_c="$c"
tmp_sh="$sh"
cd ..
?X: preserve symbolic links, if any
cp $config_sh config.sh 2>/dev/null
chmod +w config.sh
. ./config.sh
cd UU
cp ../config.sh
.
n="$tmp_n"
c="$tmp_c"
hint=previous
;;
esac
?X: Older versions did not always set $sh.
case "$sh" in
") sh="$tmp_sh" ;;
esac
$test "$soverride" && . ./optdef.sh

: Restore computed paths
for file in $loclist $strylist; do
    eval $file="\$_$file"
done

. ./checkcc
?X: Cross-compiling support
case "$targetarch" in
") ;;
*) hostarch=$osname
    osname=`echo $targetarch|sed 's,^[^-]*-,`
    osvers=""
;;
esac

@if { test -d ../hints }
: Offer them some hints based on their OS

```

```
cd ..
```

?X: Since we are now at the root of the source tree, we must use \$src

?X: to access the sources and not \$src. See src.U for details...

```
if $test ! -f config.sh; then
```

```
$cat <<EOM
```

First time through, eh? I have some defaults handy for some systems that need some extra help getting the Configure answers right:

EOM

```
(cd $src/hints; ls -C *.sh) | $sed 's/\.sh/ /g' >&4  
dflt=""
```

```
: Now look for a hint file osname_osvers, unless one has been  
: specified already.
```

```
case "$hintfile" in
```

```
"|' )
```

```
file=`echo "${osname}_${osvers}"
```

```
| $sed -e 's%\.\%_g' -e 's%_%%`
```

```
: Also try without trailing minor version numbers.
```

```
xfile=`echo $file | $sed -e 's%[_]*%%`
```

```
xxfile=`echo $xfile | $sed -e 's%[_]*%%`
```

```
xxxfile=`echo $xxfile | $sed -e 's%[_]*%%`
```

```
xxxxfile=`echo $xxxfile | $sed -e 's%[_]*%%`
```

```
case "$file" in
```

```
") dflt=none ;;
```

```
*) case "$osvers" in
```

```
") dflt=$file
```

```
;;
```

```
*) if $test -f $src/hints/$file.sh ; then
```

```
    dflt=$file
```

```
elif $test -f $src/hints/$xfile.sh ; then
```

```
    dflt=$xfile
```

```
elif $test -f $src/hints/$xxfile.sh ; then
```

```
    dflt=$xxfile
```

```
elif $test -f $src/hints/$xxxfile.sh ; then
```

```
    dflt=$xxxfile
```

```
elif $test -f $src/hints/$xxxxfile.sh ; then
```

```
    dflt=$xxxxfile
```

```
elif $test -f "$src/hints/${osname}.sh" ; then
```

```
    dflt="${osname}"
```

```
else
```

```
    dflt=none
```

```
fi
```

```
;;
```

```
esac
```

```
;;
```

```
esac
```

```

if $test -f Policy.sh ; then
  case "$dflt" in
    *Policy*) ;;
    none) dflt="Policy" ;;
    *) dflt="Policy $dflt" ;;
  esac
fi
;;
*)
dflt=`echo
$hintfile | $sed 's/\.sh$/'^
;;
esac

```

```

if $test -f Policy.sh ; then
  $cat <<EOM

```

There's also a Policy hint file available, which should make the site-specific (policy) questions easier to answer.

EOM

```

fi

```

```

$cat <<EOM

```

You may give one or more space-separated answers, or "none" if appropriate. A well-behaved OS will have no hints, so answering "none" or just "Policy" is a good thing. DO NOT give a wrong version or a wrong OS.

EOM

```

rp="Which of these apply, if any?"
. UU/myread
tans=$ans
for file in $tans; do
  if $test X$file = XPolicy -a -f Policy.sh; then
    . Policy.sh
    $cat Policy.sh >> UU/config.sh
  elif $test -f $src/hints/$file.sh; then
    . $src/hints/$file.sh
    $cat $src/hints/$file.sh >> UU/config.sh
  elif $test X"$tans" = X -o X"$tans" = Xnone ; then
    : nothing
  else
    : Give one chance to correct a possible typo.
    echo "$file.sh does not exist"
    dflt=$file
    rp="hint to use instead?"
  fi
done

```



```

. UU/myread
for file in $ans; do
  if $test -f "$src/hints/$file.sh";
then
  . $src/hints/$file.sh
  $cat $src/hints/$file.sh >> UU/config.sh
  elif $test X$ans = X -o X$ans = Xnone ; then
    : nothing
  else
    echo "$file.sh does not exist -- ignored."
  fi
done
fi
done

hint=recommended
: Remember our hint file for later.
if $test -f "$src/hints/$file.sh" ; then
  hintfile="$file"
else
  hintfile=""
fi
fi
cd UU
?X: From here on, we must use $rsrc instead of $src

@end
: Process their -A options
./posthint.sh

```

```

@if osname || osvers
: Ask them to confirm the OS name
cat << EOM

```

Configure uses the operating system name and version to set some defaults. The default value is probably right if the name rings a bell. Otherwise, since spelling matters for me, either accept the default or answer "none" to leave it blank.

```

EOM
@end
@if osname
case "$osname" in
'|' )
  case "$hintfile" in
'|' |none) dflt=none ;;
*) dflt=`echo $hintfile | $sed -e 's/\.sh$//' -e 's/_.*$//'` ;;
esac

```

```

;;
*) dflt="$osname" ;;
esac
rp="Operating
system name?"
./myread
case "$ans" in
none) osname="" ;;
*) osname=`echo "$ans" | $sed -e 's/[ ][ ]*/_/g' | ./tr '[A-Z]' '[a-z]` ;;
esac
@end
@if osvers
@if osname
echo " "
@end
case "$osvers" in
"| ")
case "$hintfile" in
"| |none) dflt=none ;;
*) dflt=`echo $hintfile | $sed -e 's/\.sh$//' -e 's/^[^_]*//`
dflt=`echo $dflt | $sed -e 's/^\_/' -e 's/_/./g`
case "$dflt" in
"| ") dflt=none ;;
esac
;;
esac
;;
*) dflt="$osvers" ;;
esac
rp="Operating system version?"
./myread
case "$ans" in
none) osvers="" ;;
*) osvers="$ans" ;;
esac

@end

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Oldconfig.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_ilogbl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_ilogbl:

?S: This variable conditionally defines the HAS_ILOGBL symbol, which

?S: indicates to the C program that the ilogbl() routine is available

?S: for extracting the exponent of long double x as a signed integer.

?S: If scalbnl is also present we can emulate frexpl.

?S:.

?C:HAS_ILOGBL:

?C: This symbol, if defined, indicates that the ilogbl routine is

?C: available. If scalbnl is also present we can emulate frexpl.

?C:.

?H:#\$d_ilogbl HAS_ILOGBL /**/

?H:.

?LINT:set d_ilogbl

: see if ilogbl exists

set ilogbl d_ilogbl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ilogbl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_lockf.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_lockf.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:09:36 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d_lockf: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lockf:

?S: This variable conditionally defines HAS_LOCKF if lockf() is

?S: available to do file locking.

?S:.

?C:HAS_LOCKF (LOCKF):

?C: This symbol, if defined, indicates that the lockf routine is

?C: available to do file locking.

?C:.

?H:#\$d_lockf

```
HAS_LOCKF /**/
```

?H:.

?LINT:set d_lockf

: see if lockf exists

```
set lockf d_lockf
```

```
eval $inlibc
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_lockf.U

No license file was found, but licenses were detected in source scan.

/*

* \$Id: setsid.C,v 3.0.1.1 1994/01/24 13:58:47 ram Exp ram \$

*

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*

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* of the source tree for dist 4.0.

*

* \$Log: setsid.C,v \$

* Revision 3.0.1.1 1994/01/24 13:58:47 ram

* patch16: created

*

*/

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/setsid.C

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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```

?RCS:
?RCS: $Log: d_vprintf.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:59 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_vprintf d_charvspr: Guess cat +cc +ccflags Csym Setvar
?MAKE: -pick add $@ %<
?S:d_vprintf:
?S: This variable conditionally defines the HAS_VPRINTF symbol, which
?S: indicates to the C program that the vprintf() routine is available
?S: to printf with a pointer to an argument list.
?S:.
?S:d_charvspr:
?S: This variable conditionally defines CHARVSPRINTF if this system
?S: has
    vsprintf returning type (char*). The trend seems to be to
?S: declare it as "int vsprintf()".
?S:.
?C:HAS_VPRINTF (VPRINTF):
?C: This symbol, if defined, indicates that the vprintf routine is available
?C: to printf with a pointer to an argument list. If unavailable, you
?C: may need to write your own, probably in terms of _doprnt().
?C:.
?C:USE_CHAR_VSPRINTF (CHARVSPRINTF):
?C: This symbol is defined if this system has vsprintf() returning type
?C: (char*). The trend seems to be to declare it as "int vsprintf()". It
?C: is up to the package author to declare vsprintf correctly based on the
?C: symbol.
?C:.
?H:#$d_vprintf HAS_VPRINTF /**/
?H:#$d_charvspr USE_CHAR_VSPRINTF /**/
?H:.
?F:!vprintf !vprintf.c
?T:val2
?LINT:set d_vprintf d_charvspr
: see if vprintf exists
echo " "
if set vprintf val -f d_vprintf; eval $csym; $val; then
echo 'vprintf() found.' >&4
val="$define"
$cat >vprintf.c <<'EOF'
#include <varargs.h>

int main() { xxx("foo"); }

xxx(va_alist)
va_dcl
{

```

```

va_list args;
char
buf[10];

va_start(args);
exit(((unsigned long)vsprintf(buf,"%s",args) > 10L);
}

```

EOF

```

if $cc $ccflags -o vprintf vprintf.c >/dev/null 2>&1 && ./vprintf; then
  echo "Your vsprintf() returns (int)." >&4
  val2="$sundef"
else
  echo "Your vsprintf() returns (char*)." >&4
  val2="$sdefine"
fi
else
  echo 'vprintf() NOT found.' >&4
  val="$sundef"
  val2="$sundef"
fi
set d_vprintf
eval $setvar
val=$val2
set d_charvspr
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_vprintf.U

```

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?RCS:

?RCS: \$Log: d_voidsig.U,v \$

?RCS: Revision 3.0.1.3 1995/05/12 12:12:46 ram

?RCS: patch54: made cppflags dependency optional

?RCS:

?RCS: Revision 3.0.1.2 1994/08/29 16:20:35 ram

?RCS: patch32: now sets signal_t only once d_voidsig is known (WED)

?RCS:

```

?RCS: Revision 3.0.1.1 1994/06/20 06:59:54 ram
?RCS: patch30: now properly sets signal_t when re-using previous value
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:56 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_voidsig signal_t: rm contains
cppstdin cppminus +cppflags test Myread \
Oldconfig Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_voidsig:
?S: This variable conditionally defines VOIDSIG if this system
?S: declares "void (*signal(...))()" in signal.h. The old way was to
?S: declare it as "int (*signal(...))()".
?S:.
?S:signal_t:
?S: This variable holds the type of the signal handler (void or int).
?S:.
?C:VOIDSIG:
?C: This symbol is defined if this system declares "void (*signal(...))()" in
?C: signal.h. The old way was to declare it as "int (*signal(...))()". It
?C: is up to the package author to declare things correctly based on the
?C: symbol.
?C:.
?C:Signal_t (SIGNAL_T):
?C: This symbol's value is either "void" or "int", corresponding to the
?C: appropriate return type of a signal handler. Thus, you can declare
?C: a signal handler using "Signal_t (*handler())", and define the
?C: handler using "Signal_t handler(sig)".
?C:.
?H:#$d_voidsig VOIDSIG /**/
?H:#define Signal_t $signal_t /* Signal handler's return
type */
?H:.
?T:xxx
?LINT:set d_voidsig
: see if signal is declared as pointer to function returning int or void
echo " "
xxx=`./findhdr signal.h`
$test "$xxx" && $cppstdin $cppminus $cppflags < $xxx >$.tmp 2>/dev/null
if $contains 'int.*\[ ]*signal' $.tmp >/dev/null 2>&1 ; then
echo "You have int (*signal())() instead of void." >&4
val="$undef"
elif $contains 'void.*\[ ]*signal' $.tmp >/dev/null 2>&1 ; then
echo "You have void (*signal())() instead of int." >&4
val="$define"
elif $contains 'extern[ ]*\[ \]*signal' $.tmp >/dev/null 2>&1 ; then
echo "You have int (*signal())() instead of void." >&4

```

```

val="$undef"
else
case "$d_voidsig" in
")
echo "I can't determine whether signal handler returns void or int..." >&4
dflt=void
rp="What type does your signal handler return?"
./myread
case "$ans" in
v*) val="$define";;
*) val="$undef";;
esac;;
"$define")
echo "As you already told me, signal handler returns void." >&4;;
*)
echo "As you already told
me, signal handler returns int." >&4;;
esac
fi
set d_voidsig
eval $setvar
case "$d_voidsig" in
"$define") signal_t="void";;
*) signal_t="int";;
esac
$rm -f $$tmp

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_voidsig.U
```

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_recvmsg: Inlibc

?MAKE: -pick add \$@ %<

?S:d_recvmsg:

?S: This variable conditionally defines the HAS_RECVMSG symbol, which

?S: indicates to the C program that the recvmsg() routine is available.

?S:.

?C:HAS_RECVMSG:

?C: This symbol, if defined, indicates that the recvmsg routine is

?C: available to send structured socket messages.


```
?C:
?H:#$d_recvmsg HAS_RECVMMSG /**/
?H:
?LINT:set d_recvmsg
: see if recvmsg exists
set recvmsg d_recvmsg
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_recvmsg.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: prototype.U,v $
?RCS: Revision 3.0.1.3 1994/05/06 15:11:49 ram
?RCS: patch23: ensure cc flags used when looking for prototype support
?RCS:
?RCS: Revision 3.0.1.2 1994/01/24 14:15:36 ram
?RCS: patch16: prototype handling macros now appear only when needed
?RCS:
?RCS: Revision 3.0.1.1 1993/08/25 14:03:12 ram
?RCS: patch6: defines were referring to non-existent VOID symbol
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:36 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:prototype:
Myread Oldconfig cat +cc +ccflags rm Setvar
?MAKE: -pick add $@ %<
?S:prototype:
?S: This variable holds the eventual value of CAN_PROTOTYPE, which
?S: indicates the C compiler can handle function prototypes.
?S:
?C:CAN_PROTOTYPE ~ %<:
?C: If defined, this macro indicates that the C compiler can handle
?C: function prototypes.
?C:
?C:DOTS:
```

?C: This macro is used to specify the ... in function prototypes which

?C: have arbitrary additional arguments.

?C:.

?C:NXT_ARG:

?C: This macro is used to separate arguments in the declared argument list.

?C:.

?C:P_FUNC:

?C: This macro is used to declare "private" (static) functions.

?C: It takes three arguments: the function type and name, a parenthesized

?C: traditional (comma separated) argument list, and the declared argument

?C: list (in which arguments are separated with NXT_ARG, and additional

?C: arbitrary arguments are specified with DOTS). For example:

?C:

?C: P_FUNC(int foo, (bar, baz), int bar NXT_ARG char *baz[])

?C:.

?C:P_FUNC_VOID:

?C: This

macro is used to declare "private" (static) functions that have

?C: no arguments. The macro takes one argument: the function type and name.

?C: For example:

?C:

?C: P_FUNC_VOID(int subr)

?C:.

?C:V_FUNC:

?C: This macro is used to declare "public" (non-static) functions.

?C: It takes three arguments: the function type and name, a parenthesized

?C: traditional (comma separated) argument list, and the declared argument

?C: list (in which arguments are separated with NXT_ARG, and additional

?C: arbitrary arguments are specified with DOTS). For example:

?C:

?C: V_FUNC(int main, (argc, argv), int argc NXT_ARG char *argv[])

?C:.

?C:V_FUNC_VOID:

?C: This macro is used to declare "public" (non-static) functions that have

?C: no arguments. The macro takes one argument: the function type and name.

?C: For example:

?C:

?C: V_FUNC_VOID(int fork)

?C:.

?C:_ (P):

?C: This macro is used to declare function parameters for folks who want

?C: to make declarations with prototypes using a

different style than

?C: the above macros. Use double parentheses. For example:

?C:

?C: int main _((int argc, char *argv[]));

?C:.

?H:%<:#\$prototype CAN_PROTOTYPE /**/

```

?H:%<:#ifdef CAN_PROTOTYPE
?H:?NXT_ARG:#define NXT_ARG ,
?H:?DOTS:#define DOTS , ...
?H:?V_FUNC:#define V_FUNC(name, arglist, args)name(args)
?H:?P_FUNC:#define P_FUNC(name, arglist, args)static name(args)
?H:?V_FUNC_VOID:#define V_FUNC_VOID(name)name(void)
?H:?P_FUNC_VOID:#define P_FUNC_VOID(name)static name(void)
?H:?_:#define _(args) args
?H:%<:#else
?H:?NXT_ARG:#define NXT_ARG ;
?H:?DOTS:#define DOTS
?H:?V_FUNC:#define V_FUNC(name, arglist, args)name arglist args;
?H:?P_FUNC:#define P_FUNC(name, arglist, args)static name arglist args;
?H:?V_FUNC_VOID:#define V_FUNC_VOID(name)name()
?H:?P_FUNC_VOID:#define P_FUNC_VOID(name)static name()
?H:?_:#define _(args) ()
?H:%<:#endif
?H:.
?W:%<:NXT_ARG DOTS V_FUNC P_FUNC V_FUNC_VOID P_FUNC_VOID _
?LINT:set prototype
: Cruising for prototypes
echo " "
echo "Checking out
function prototypes..." >&4
$cat >prototype.c <<'EOCP'
int main(int argc, char *argv[]) {
    exit(0);}
EOCP
if $cc $ccflags -c prototype.c >prototype.out 2>&1 ; then
    echo "Your C compiler appears to support function prototypes."
    val="$define"
else
    echo "Your C compiler doesn't seem to understand function prototypes."
    val="$undef"
fi
set prototype
eval $setvar
$rm -f prototype*

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/prototype.U

```

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?RCS: You may distribute under the terms of either the GNU General Public

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?RCS:

?MAKE:d_memmem: Hasproto Inlibc Setvar d_gnulib

```

?MAKE: -pick add $@ %<
?S:d_memmem:
?S: This variable conditionally defines the HAS_MEMMEM symbol, which
?S: indicates to the C program that the memmem() routine is available
?S: to return a pointer to the start of the first occurrence of a
?S: substring in a memory area (or NULL if not found).
?S:.
?C:HAS_MEMMEM:
?C: This symbol, if defined, indicates that the memmem routine is
?C: available to return a pointer to the start of the first occurrence
?C: of a substring in a memory area (or NULL if not found).
?C: In glibc, memmem is a GNU extension. The function is visible in
?C: libc, but the prototype is only visible if _GNU_SOURCE is #defined.
?C: Thus we only define this if both the prototype and symbol are found.
?C:.
?H:#$d_memmem
HAS_MEMMEM /**/
?H:.
?T:d_memmem_proto xx1 xx2 xx3 xx4
?LINT:set d_memmem
: see if memmem exists
: We need both a prototype in string.h and the symbol in libc.
echo " "
d_memmem_proto="
xx1="#$d_gnulibc HAS_GNULIBC"
xx2="#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)"
xx3="# define _GNU_SOURCE"
xx4="#endif"
set d_memmem_proto memmem literal "$xx1" literal "$xx2" literal "$xx3" literal "$xx4" define string.h
eval $hasproto
case "$d_memmem_proto" in
  define) # see if memmem exists
    set memmem d_memmem
    eval $inlibc
    ;;
  *) val=$undef
    set d_memmem
    eval $setvar
    ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_memmem.U

```

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```

?RCS: $Id$

```

```

?RCS:

```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: uidtype.U,v \$

?RCS: Revision 3.0.1.3 1994/08/29 16:33:25 ram

?RCS: patch32: now uses new Typedef unit to compute type information

?RCS:

?RCS: Revision 3.0.1.2 1994/06/20 07:09:36 ram

?RCS: patch30: comment for uidtype referred to the obsoleted symbol

?RCS:

?RCS: Revision 3.0.1.1 1994/05/13 15:28:27 ram

?RCS: patch27: made conform to its gidtype.U companion

?RCS: patch27: question now explicitly mentions getuid()

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:56 ram

?RCS: Baseline for dist
3.0 netwide release.

?RCS:

?MAKE:uidtype: Myread Typedef Findhdr

?MAKE: -pick add \$@ %<

?S:uidtype:

?S: This variable defines Uid_t to be something like uid_t, int,
?S: ushort, or whatever type is used to declare user ids in the kernel.

?S:.

?C:Uid_t (UIDTYPE):

?C: This symbol holds the type used to declare user ids in the kernel.

?C: It can be int, ushort, uid_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.

?C:.

?H:#define Uid_t \$uidtype /* UID type */

?H:.

?T:xxx

: see what type uids are declared as in the kernel

```
set uid_t uidtype xxx stdio.h sys/types.h
eval $typedef
case "$uidtype" in
xxx)
xxx=`./findhdr sys/user.h`
set `grep '_ruuid;' "$xxx" 2>/dev/null` unsigned short
case $1 in
unsigned) dflt="$1 $2" ;;
*) dflt="$1" ;;
esac
```

```
;;
*) dflt="$uidtype";;
esac
echo " "
rp="What is the type for user ids returned by getuid()?"
./myread
uidtype="$ans"
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/uidtype.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: perlsv.U,v 1.1 2000/08/31 17:53:56 jhi Exp jhi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:ivtype uvtype nvtype ivsize uvsize nvsize \  
    i8type u8type i16type u16type i32type u32type i64type u64type \  
    i8size u8size i16size u16size i32size u32size i64size u64size \  
    d_nv_preserves_uv nv_preserves_uv_bits nv_overflows_integers_at \  
    d_nv_zero_is_allbits_zero: \  
echo rm_try use64bitint d_quad quadtype uquadtype usequadmath \  
d_longdbl uselongdouble longdblsize doublesize i_quadmath \  
shortsize intsize longsize i_stdlib libs gccversion \  
cat Compile i_inttypes test signal_t run
```

```
?MAKE: -pick add $@ %<
```

```
?S:ivtype:
```

```
?S: This variable contains the C type used for Perl's IV.
```

```
?S:.
```

```
?S:uvtype:
```

```
?S: This variable contains the C type  
used for Perl's UV.
```

```
?S:.
```

```
?S:nvtype:
```

```
?S: This variable contains the C type used for Perl's NV.
```

```
?S:.
```

```
?S:i8type:
```

```
?S: This variable contains the C type used for Perl's I8.
```

```
?S:.
```

```
?S:u8type:
```

```
?S: This variable contains the C type used for Perl's U8.
```

```
?S:.
```

```
?S:i16type:
```

```
?S: This variable contains the C type used for Perl's I16.
```

?S:
?S:u16type:
?S: This variable contains the C type used for Perl's U16.
?S:
?S:i32type:
?S: This variable contains the C type used for Perl's I32.
?S:
?S:u32type:
?S: This variable contains the C type used for Perl's U32.
?S:
?S:i64type:
?S: This variable contains the C type used for Perl's I64.
?S:
?S:u64type:
?S: This variable contains the C type used for Perl's U64.
?S:
?S:ivsize:
?S: This variable is the size of an IV in bytes.
?S:
?S:uvsize:
?S: This variable is the size of a UV in bytes.
?S:
?S:i8size:
?S: This variable is the size of an I8 in bytes.
?S:
?S:u8size:
?S: This variable is the size of an U8 in bytes.
?S:
?S:i16size:
?S: This variable is the
size of an I16 in bytes.
?S:
?S:u16size:
?S: This variable is the size of an U16 in bytes.
?S:
?S:i32size:
?S: This variable is the size of an I32 in bytes.
?S:
?S:u32size:
?S: This variable is the size of an U32 in bytes.
?S:
?S:i64size:
?S: This variable is the size of an I64 in bytes.
?S:
?S:u64size:
?S: This variable is the size of an U64 in bytes.
?S:
?S:nvsize:

?S: This variable is the size of a Perl NV in bytes.

?S: Note that some floating point formats have unused bytes.

?S:.

?S:d_nv_preserves_uv:

?S: This variable indicates whether a variable of type nvtype

?S: can preserve all the bits a variable of type uvtype.

?S:.

?S:nv_preserves_uv_bits:

?S: This variable indicates how many of bits type uvtype

?S: a variable nvtype can preserve.

?S:.

?S:nv_overflows_integers_at:

?S: This variable gives the largest integer value that NVs can hold

?S: as a constant floating point expression.

?S: If it could not be determined, it holds the value 0.

?S:.

?S:d_nv_zero_is_allbits_zero:

?S: This

variable indicates whether a variable of type nvtype

?S: stores 0.0 in memory as all bits zero.

?S:.

?C:IVTYPE:

?C: This symbol defines the C type used for Perl's IV.

?C:.

?C:UVTYPE:

?C: This symbol defines the C type used for Perl's UV.

?C:.

?C:I8TYPE:

?C: This symbol defines the C type used for Perl's I8.

?C:.

?C:U8TYPE:

?C: This symbol defines the C type used for Perl's U8.

?C:.

?C:I16TYPE:

?C: This symbol defines the C type used for Perl's I16.

?C:.

?C:U16TYPE:

?C: This symbol defines the C type used for Perl's U16.

?C:.

?C:I32TYPE:

?C: This symbol defines the C type used for Perl's I32.

?C:.

?C:U32TYPE:

?C: This symbol defines the C type used for Perl's U32.

?C:.

?C:I64TYPE:

?C: This symbol defines the C type used for Perl's I64.

?C:.

?C:U64TYPE:

?C: This symbol defines the C type used for Perl's U64.

?C:.

?C:NVTYPE:

?C: This symbol defines the C type used for Perl's NV.

?C:.

?C:IVSIZE:

?C: This symbol contains the sizeof(IV).

?C:.

?C:UVSIZE:

?C: This symbol contains the
sizeof(UV).

?C:.

?C:I8SIZE:

?C: This symbol contains the sizeof(I8).

?C:.

?C:U8SIZE:

?C: This symbol contains the sizeof(U8).

?C:.

?C:I16SIZE:

?C: This symbol contains the sizeof(I16).

?C:.

?C:U16SIZE:

?C: This symbol contains the sizeof(U16).

?C:.

?C:I32SIZE:

?C: This symbol contains the sizeof(I32).

?C:.

?C:U32SIZE:

?C: This symbol contains the sizeof(U32).

?C:.

?C:I64SIZE:

?C: This symbol contains the sizeof(I64).

?C:.

?C:U64SIZE:

?C: This symbol contains the sizeof(U64).

?C:.

?C:NVSIZE:

?C: This symbol contains the sizeof(NV).

?C: Note that some floating point formats have unused bytes.

?C: The most notable example is the x86* 80-bit extended precision

?C: which comes in byte sizes of 12 and 16 (for 32 and 64 bit

?C: platforms, respectively), but which only uses 10 bytes.

?C: Perl compiled with -Duselongdouble on x86* is like this.

?C:.

?C:NV_PRESERVES_UV:

?C: This symbol, if defined, indicates that a variable of type NVTYPE

?C: can preserve all the bits of a variable of type UVTYPE.

?C:.

?C:NV_PRESERVES_UV_BITS:

?C: This symbol contains the number of bits a variable of type NVTYPE

?C: can preserve of a variable of type UVTYPE.

?C:.

?C:NV_OVERFLOWES_INTEGERS_AT:

?C: This symbol gives the largest integer value that NVs can hold. This

?C: value + 1.0 cannot be stored accurately. It is expressed as constant

?C: floating point expression to reduce the chance of decimal/binary

?C: conversion issues. If it can not be determined, the value 0 is given.

?C:.

?C:NV_ZERO_IS_ALLBITS_ZERO:

?C: This symbol, if defined, indicates that a variable of type NVTYPE

?C: stores 0.0 in memory as all bits zero.

?C:.

```
?H:#define IVTYPE $ivtype /**/
?H:#define UVTYPE $uvtype /**/
?H:#define I8TYPE $i8type /**/
?H:#define U8TYPE $u8type /**/
?H:#define I16TYPE $i16type /**/
?H:#define U16TYPE $u16type /**/
?H:#define I32TYPE $i32type /**/
?H:#define U32TYPE $u32type /**/
?H:%<:#ifdef HAS_QUAD
?H:%<:#define I64TYPE $i64type /**/
?H:%<:#define U64TYPE $u64type /**/
?H:%<:#endif
?H:#define NVTYPE $nvtype /**/
?H:#define IVSIZE $ivsize /**/
?H:#define UVSIZE $uvsize /**/
?H:#define I8SIZE $i8size /**/
?H:#define U8SIZE $u8size /**/
?H:#define I16SIZE $i16size /**/
?H:#define U16SIZE $u16size /**/
?H:#define I32SIZE $i32size /**/
?H:#define U32SIZE $u32size /**/
?H:%<:#ifdef
HAS_QUAD
?H:%<:#define I64SIZE $i64size /**/
?H:%<:#define U64SIZE $u64size /**/
?H:%<:#endif
?H:#define NVSIZE $nvsize /**/
?H:#$d_nv_preserves_uv NV_PRESERVES_UV
?H:#define NV_PRESERVES_UV_BITS $nv_preserves_uv_bits
?H:#define NV_OVERFLOWES_INTEGERS_AT ($nv_overflows_integers_at)
?H:#$d_nv_zero_is_allbits_zero NV_ZERO_IS_ALLBITS_ZERO
?H:%<:#if UVSIZE == 8
```

```

?H:?%<:#  ifdef BYTEORDER
?H:?%<:#    if BYTEORDER == 0x1234
?H:?%<:#      undef BYTEORDER
?H:?%<:#      define BYTEORDER 0x12345678
?H:?%<:#    else
?H:?%<:#      if BYTEORDER == 0x4321
?H:?%<:#        undef BYTEORDER
?H:?%<:#        define BYTEORDER 0x87654321
?H:?%<:#
?H:?%<:#      endif
?H:?%<:#    endif
?H:?%<:#  endif
?H:?%<:# endif
?H:?%<:#endif
?H:.
?T:xxx
?T:d
?F:!try
: Check basic sizes
echo " "
$echo "Choosing the C types to be used for Perl's internal types..." >&4

```

```

case "$use64bitint:$d_quad:$quadtype" in
define:define:?)
ivtype="$quadtype"
uvtype="$quatype"
ivsize=8
uvsize=8
;;
*) ivtype="long"
uvtype="unsigned long"
ivsize=$longsize
uvsize=$longsize
;;
esac

```

```

case "$uselongdouble:$d_longdbl" in
define:define)
nvtype="long double"
nvsize=$longdblsize
;;
*) nvtype=double
nvsize=$doublesize
;;
esac

```

```

case "$usequadmath:$i_quadmath" in
define:define)
nvtype="__float128"

```

```

nvsz=16
case "$libs" in
*quadmath*) ;;
*) $cat <<EOM >&4

*** You requested the use of the quadmath library, but you
*** do not seem to have the quadmath library installed.
*** Cannot continue, aborting.
EOM
    exit 1
    ;;
esac
;;
define:*) $cat <<EOM >&4

*** You requested the use of the quadmath library, but you
*** do not seem to have the required header, <quadmath.h>.
EOM
    case "$gccversion" in
[23].*|4.[0-5]*)
    $cat <<EOM >&4
*** Your gcc looks a bit old:
*** $gccversion
EOM
    ;;
")
    $cat <<EOM >&4
*** You are not running a gcc.
EOM
    ;;
esac
$cat <<EOM >&4
*** For the quadmath library you need at least gcc 4.6.
*** Cannot continue, aborting.
EOM
    exit 1
    ;;
esac

$echo "(IV will be "$ivtype", $ivsize bytes)"
$echo "(UV will be "$uvtype", $uvsize bytes)"
$echo "(NV will be "$nvtype", $nvsize bytes)"

$cat >try.c <<EOCP
#i_inttypes I_INTTYPES
#ifdef I_INTTYPES
#include <inttypes.h>
#endif

```

```

#include <stdio.h>
int main() {
#ifdef INT8
    int8_t i = INT8_MAX;
    uint8_t u = UINT8_MAX;
    printf("int8_t\n");
#endif
#ifdef INT16
    int16_t i = INT16_MAX;
    uint16_t u = UINT16_MAX;
    printf("int16_t\n");
#endif
#ifdef INT32
    int32_t i = INT32_MAX;
    uint32_t u = UINT32_MAX;
    printf("int32_t\n");
#endif
}
EOCP

```

```

i8type="signed char"
u8type="unsigned char"
i8size=1
u8size=1

```

```

case "$i16type" in
") case "$shortsize" in
2) i16type=short
    u16type="unsigned
short"
    i16size=$shortsize
    u16size=$shortsize
;;
esac
;;
esac

```

```

case "$i16type" in
") set try -DINT16
if eval $compile; then
    case "`$run ./try`" in
int16_t)
        i16type=int16_t
        u16type=uint16_t
        i16size=2
        u16size=2
;;
esac
fi

```

```
;;
esac
case "$i16type" in
") if $test $shortsize -ge 2; then
    i16type=short
    u16type="unsigned short"
    i16size=$shortsize
    u16size=$shortsize
fi
;;
esac
```

```
case "$i32type" in
") case "$longsize" in
4) i32type=long
    u32type="unsigned long"
    i32size=$longsize
    u32size=$longsize
;;
*) case "$intsize" in
4) i32type=int
    u32type="unsigned int"
    i32size=$intsize
    u32size=$intsize
;;
esac
;;
esac
;;
esac
```

```
case "$i32type" in
") set try -DINT32
if eval $compile; then
    case "`$run ./try`" in
int32_t)
    i32type=int32_t
    u32type=uint32_t
    i32size=4
    u32size=4
;;
esac
fi
;;
esac
```

```
case "$i32type" in
") if $test $intsize -ge 4; then
    i32type=int
    u32type="unsigned int"
```

```

i32size=$intsize
u32size=$intsize
fi
;;
esac

case
"$i64type" in
") case "$d_quad:$quadtype" in
define:?)
i64type="$quadtype"
u64type="$uquadtype"
i64size=8
u64size=8
;;
esac
;;
esac

$echo "Checking how many bits of your UVs your NVs can preserve..." >&4
$cat <<EOP >try.c
#include <stdio.h>
#i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <sys/types.h>
#include <signal.h>
#ifdef SIGFPE
/* volatile so that the compiler has to store it out to memory */
volatile int bleached = 0;
$signal_t blech(int s) { bleached = 1; }
#endif
int main() {
    $suvtype u = 0;
    $nvtype d;
    int n = 8 * $uvsize;
    int i;
#ifdef SIGFPE
    signal(SIGFPE, blech);
#endif
    for (i = 0; i < n; i++) {
        u = u << 1 | ($suvtype)1;
        d = ($nvtype)u;
        if (($suvtype)d != u)
            break;
        if (d <= 0)

```

```

break;
    d = ($nvtype)(u - 1);
    if (($svtype)d != (u - 1))
        break;
#ifdef SIGFPE
    if (bletched)
break;
#endif
}
printf("%d\n",
((i == n) ? -n : i));
exit(0);
}
EOP
set try

d_nv_preserves_uv="$undef"
if eval $compile; then
    nv_preserves_uv_bits="$run ./try`"
fi
case "$nv_preserves_uv_bits" in
\[1-9]*)
    nv_preserves_uv_bits=`expr 0 - $nv_preserves_uv_bits`
    $echo "Your NVs can preserve all $nv_preserves_uv_bits bits of your UVs." 2>&1
    d_nv_preserves_uv="$define"
    ;;
[1-9]*) $echo "Your NVs can preserve only $nv_preserves_uv_bits bits of your UVs." 2>&1
    d_nv_preserves_uv="$undef" ;;
*) $echo "Can't figure out how many bits your NVs preserve." 2>&1
    nv_preserves_uv_bits="0" ;;
esac
$rm_try

$echo "Checking to find the largest integer value your NVs can hold..." >&4
$cat <<EOP >try.c
#include <stdio.h>

typedef $nvtype NV;

int
main() {
    NV value = 2;
    int count = 1;

    while(count < 256) {
        /* volatile so that the compiler has to store it out to memory */
        volatile NV up = value + 1.0;
        volatile NV negated = -value;

```



```

volatile NV down = negated - 1.0;
volatile NV got_up = up
- value;
int up_good = got_up == 1.0;
int got_down = down - negated;
int down_good = got_down == -1.0;

if (down_good != up_good) {
    fprintf(stderr,
        "Inconsistency - up %d %f; down %d %f; for 2**%d (%.20f)\n",
        up_good, (double) got_up, down_good, (double) got_down,
        count, (double) value);
    return 1;
}
if (!up_good) {
    while (1) {
if (count > 8) {
        count -= 8;
        fputs("256.0", stdout);
    } else {
        count--;
        fputs("2.0", stdout);
    }
}
if (!count) {
    puts("");
    return 0;
}
fputs("*", stdout);
    }
}
value *= 2;
++count;
}
fprintf(stderr, "Cannot overflow integer range, even at 2**%d (%.20f)\n",
    count, (double) value);
return 1;
}
EOP
set try

```

```
nv_overflows_integers_at=0'
```

```
if eval $compile; then
```

```
    xxx="$run ./try`"
```

```
    case "$?" in
```

```
0)
```

```
    case "$xxx" in
```

```
2*) cat >&4 <<EOM
```

The largest integer your NVs can preserve is equal to \$xxx

EOM

```
nv_overflows_integers_at="$xxx"
```

```
::
```

```
*) cat
```

```
>&4 <<EOM
```

Cannot determine the largest integer value your NVs can hold, unexpected output

```
'$xxx'
```

EOM

```
::
```

```
esac
```

```
::
```

```
*) cat >&4 <<EOM
```

Cannot determine the largest integer value your NVs can hold

EOM

```
::
```

```
esac
```

```
fi
```

```
$rm_try
```

```
$echo "Checking whether NV 0.0 is all bits zero in memory..." >&4
```

```
$cat <<EOP >try.c
```

```
#include <stdio.h>
```

```
#$i_stdlib I_STDLIB
```

```
#ifdef I_STDLIB
```

```
#include <stdlib.h>
```

```
#endif
```

```
#include <string.h>
```

```
#include <sys/types.h>
```

```
#include <signal.h>
```

```
#ifdef SIGFPE
```

```
/* volatile so that the compiler has to store it out to memory */
```

```
volatile int bletched = 0;
```

```
$signal_t blech(int s) { bletched = 1; }
```

```
#endif
```

```
int checkit($nvtype d, const char *where) {
```

```
void *v = &d;
```

```
unsigned char *p = (unsigned char *)v;
```

```
unsigned char *end = p + sizeof(d);
```

```
int fail = 0;
```

```
while (p < end)
```

```
fail += *p++;
```

```
if (!fail)
```

```
return 0;
```

```
p = (unsigned char *)v;
```

```

printf("No - %s: 0x", where);
while (p < end)
printf ("%02X", *p++);
printf("\n");
return 1;
}

int
main(int argc, char **argv) {
    $nvtype d = 0.0;
    int fail = 0;
    fail += checkit(d, "0.0");

    /* The compiler shouldn't be assuming that bletched is 0 */
    d = bletched;

    fail += checkit(d, "bleched");

#ifdef SIGFPE
    signal(SIGFPE, blech);
#endif

    /* Paranoia - the compiler should have no way of knowing that ANSI says
       that argv[argc] will always be NULL. Actually, if it did assume this it
       would be buggy, as this is C and main() can be called from elsewhere in
       the program. */
    d = argv[argc] ? 1 : 0;

    if (d) {
printf("Odd argv[argc]=%p, d=%g\n", argv[argc], d);
    }

    fail += checkit(d, "ternary");

    memset(&d, sizeof(d), argv[argc] ? 1 : 0);

    if (d != 0.0) {
printf("No - memset doesn't give 0.0\n");
/* This might just blow up: */
printf("(gives %g)\n", d);
return 1;
    }

#ifdef SIGFPE
    if (bletched) {
printf("No - something bleched\n");
return 1;
    }

```

```

#endif
  if (fail) {
    printf("No - %d fail(s)\n",
fail);
    return 1;
  }
  printf("Yes\n");
  return 0;
}
EOP
set try

d_nv_zero_is_allbits_zero="$undef"
if eval $compile; then
  xxx="`$run ./try`"
  case "$?" in
0)
  case "$xxx" in
Yes) cat >&4 <<EOM
0.0 is represented as all bits zero in memory
EOM
  d_nv_zero_is_allbits_zero="$define"
  ;;
*) cat >&4 <<EOM
0.0 is not represented as all bits zero in memory
EOM
  d_nv_zero_is_allbits_zero="$undef"
  ;;
esac
  ;;
*) cat >&4 <<EOM
0.0 is not represented as all bits zero in memory
EOM
  d_nv_zero_is_allbits_zero="$undef"
  ;;
esac
fi
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/perl.v.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getservent_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_getservent_r getservent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_getservent_r:

?S: This variable conditionally defines the HAS_GETSERVENT_R symbol,
 ?S: which indicates to the C program that the getservent_r()
 ?S: routine is available.

?S:.

?S:getservent_r_proto:

?S: This variable encodes the prototype of getservent_r.
 ?S: It is zero if d_getservent_r is undef, and one of the
 ?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservent_r
 ?S: is defined.

?S:.

?C:HAS_GETSERVENT_R:

?C: This symbol, if defined, indicates that the getservent_r routine
 ?C: is
 available to getservent re-entrantly.

?C:.

?C:GETSERVENT_R_PROTO:

?C: This symbol encodes the prototype of getservent_r.
 ?C: It is zero if d_getservent_r is undef, and one of the
 ?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservent_r
 ?C: is defined.

?C:.

?H:#\$d_getservent_r HAS_GETSERVENT_R /**/
 ?H:#define GETSERVENT_R_PROTO \$getservent_r_proto /**/
 ?H:.

?T:try hdrs d_getservent_r_proto
 : see if getservent_r exists
 set getservent_r d_getservent_r
 eval \$inlibc
 case "\$d_getservent_r" in
 "\$define")
 hdrs="\$i_systypes sys/types.h define stdio.h \$i_netdb netdb.h"
 case "\$d_getservent_r_proto:\$usethreads" in
 ":define") d_getservent_r_proto=define
 set d_getservent_r_proto getservent_r \$hdrs
 eval \$hasproto ;;
 *) ;;
 esac
 case "\$d_getservent_r_proto" in
 define)
 case "\$getservent_r_proto" in

```

"|0) try='int getservent_r(struct servent*, char*, size_t, struct servent**);'
./protochk "$extern_C $try" $hdrs && getservent_r_proto=I_SBWR ;;
esac
case "$getservent_r_proto"
in
"|0) try='int getservent_r(struct servent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getservent_r_proto=I_SBI ;;
esac
case "$getservent_r_proto" in
"|0) try='struct servent* getservent_r(struct servent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getservent_r_proto=S_SBI ;;
esac
case "$getservent_r_proto" in
"|0) try='int getservent_r(struct servent*, struct servent_data*);'
./protochk "$extern_C $try" $hdrs && getservent_r_proto=I_SD ;;
esac
case "$getservent_r_proto" in
"|0) d_getservent_r=undef
getservent_r_proto=0
echo "Disabling getservent_r, cannot determine prototype." >&4 ;;
*) case "$getservent_r_proto" in
REENTRANT_PROTO*) ;;
*) getservent_r_proto="REENTRANT_PROTO_${getservent_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susethreads" in
define) echo "getservent_r has no prototype, not using it." >&4 ;;
esac
d_getservent_r=undef
getservent_r_proto=0
;;
esac
;;
*) getservent_r_proto=0
;;
esac

```

Found

in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getservent_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

```

?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: pidtype.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:31:27 ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:33 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:pidtype: Myread Typedef
?MAKE: -pick add $@ %<
?S:pidtype:
?S: This variable defines PIDTYPE to be something like pid_t, int,
?S: ushort, or whatever type is used to declare process ids in the kernel.
?S:.
?C:Pid_t (PIDTYPE):
?C: This symbol holds the type
?C: used to declare process ids in the kernel.
?C: It can be int, uint, pid_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Pid_t $pidtype /* PID type */
?H:.
: see what type pids are declared as in the kernel
set pid_t pidtype int stdio.h sys/types.h
eval $typedef
dflt="$pidtype"
echo " "
rp="What type are process ids on this system declared as?"
./myread
pidtype="$ans"

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/pidtype.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.

```

?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: orderlib.U,v \$
?RCS: Revision 3.0.1.4 1997/02/28 16:18:18 ram
?RCS: patch61: replaced .a with \$_a all over the place
?RCS: patch61: likewise for .o replaced by \$_o
?RCS: patch61: now uses the ar located by Loc.U
?RCS:
?RCS: Revision 3.0.1.3 1995/01/11 15:33:04 ram
?RCS: patch45: allows hint files to specify their own value for 'ranlib'
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:26:48 ram
?RCS: patch36: now performs a real small compile for accurate checks (ADO)
?RCS:
?RCS: Revision 3.0.1.1
1994/08/29 16:31:17 ram
?RCS: patch32: use cc variable instead of hardwired 'cc' in 1st compile
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:26 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:orderlib ranlib: Loc ar cat test rm +cc +ccflags +ldflags +libs _a _o
?MAKE: -pick add \$@ %<
?S:orderlib:
?S: This variable is "true" if the components of libraries must be ordered
?S: (with `lorder \$* | tsort`) before placing them in an archive. Set to
?S: "false" if ranlib or ar can generate random libraries.
?S:.
?S:ranlib:
?S: This variable is set to the pathname of the ranlib program, if it is
?S: needed to generate random libraries. Set to ":" if ar can generate
?S: random libraries or if random libraries are not supported
?S:.
?F:!foobar
: see if ar generates random libraries by itself
echo " "
echo "Checking how to generate random libraries on your machine..." >&4
?X: Some systems (like MIPS) complain when running ar... Others like Ultrix
?X: need an explicit 'ar ts'
to add the table of contents.
?X: Still others like Linux run ar ts successfully, but still need ranlib.
?X: This set of tests seems the minimum necessary to check out Linux.
?X: We need to explicitly put the entries in out-of-order so that Sun's ld
?X: will fail. (Otherwise it complains, but gives an exit status of 0.)
echo 'int bar1() { return bar2(); }' > bar1.c
echo 'int bar2() { return 2; }' > bar2.c


```

Scat > foo.c <<'EOP'
int main() { printf("%d\n", bar1()); exit(0); }
EOP
$cc $ccflags -c bar1.c >/dev/null 2>&1
$cc $ccflags -c bar2.c >/dev/null 2>&1
$cc $ccflags -c foo.c >/dev/null 2>&1
$ar rc bar$_a bar2$_o bar1$_o >/dev/null 2>&1
if $cc $ccflags $ldflags -o foobar foo$_o bar$_a $libs > /dev/null 2>&1 &&
./foobar >/dev/null 2>&1; then
echo "ar appears to generate random libraries itself."
orderlib=false
ranlib=":"
elif $ar ts bar$_a >/dev/null 2>&1 &&
$cc $ccflags $ldflags -o foobar foo$_o bar$_a $libs > /dev/null 2>&1 &&
./foobar >/dev/null 2>&1; then
echo "a table of contents
needs to be added with 'ar ts'."
orderlib=false
ranlib="$ar ts"
else
?X: Allow hints to specify their own ranlib "script". For instance, on
?X: some NeXT machines, the timestamp put by ranlib is not correct, and this
?X: may raise tedious recompiles for nothing. Therefore, NeXT may add the
?X: ranlib='sleep 5; /bin/ranlib' line in their hints to "fix" that.
?X: (reported by Andreas Koenig <k@franz.ww.tu-berlin.de>)
case "$ranlib" in
:) ranlib=";;
")
ranlib=`./loc ranlib X /usr/bin /bin /usr/local/bin`
$test -f $ranlib || ranlib="
;;
esac
if $test -n "$ranlib"; then
echo "your system has '$ranlib'; we'll use that."
orderlib=false
else
echo "your system doesn't seem to support random libraries"
echo "so we'll use lorder and tsort to order the libraries."
orderlib=true
ranlib=":"
fi
fi
$rm -f foo* bar*

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/orderlib.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_memset.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_memset.U,v $
?RCS: Revision 3.0.1.1 1993/09/13 16:03:11 ram
?RCS: patch10: removed text recommending bzero over memset (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:36 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_memset: Inlibc
?MAKE: -pick add $@ %<
?S:d_memset:
?S: This variable conditionally defines the HAS_MEMSET symbol, which
?S: indicates to the C program that the memset() routine is available
?S: to set blocks of memory.
?S:.
?C:HAS_MEMSET
(MEMSET):
?C: This symbol, if defined, indicates that the memset routine is available
?C: to set blocks of memory.
?C:.
?H:#$d_memset HAS_MEMSET /**/
?H:.
?LINT:set d_memset
: see if memset exists
set memset d_memset
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memset.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gethbynm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
```

?RCS: as specified in the README file that comes with the distribution.
 ?RCS: You may reuse parts of this distribution only within the terms of
 ?RCS: that same Artistic License; a copy of which may be found at the root
 ?RCS: of the source tree for dist 4.0.
 ?RCS:
 ?RCS: \$Log: d_gethbynm.U,v \$
 ?RCS: Revision 3.0 1993/08/18 12:06:08 ram
 ?RCS: Baseline for dist 3.0 netwide release.
 ?RCS:
 ?MAKE:d_gethbyname: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_gethbyname (d_gethbynm d_gethstby):
 ?S: This variable conditionally defines the HAS_GETHOSTBYNAME symbol, which
 ?S: indicates to the C program that the gethostbyname() routine is available
 ?S: to look up host names in some data base or other.
 ?S:.
 ?C:HAS_GETHOSTBYNAME (GETHOSTBYNAME):
 ?C: This
 symbol, if defined, indicates that the gethostbyname() routine is
 ?C: available to look up host names in some data base or other.
 ?C:.
 ?H:#\$d_gethbyname HAS_GETHOSTBYNAME /**/
 ?H:.
 ?LINT:set d_gethbyname
 : see if gethostbyname exists
 set gethostbyname d_gethbyname
 eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_gethbynm.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
 ?RCS:
 ?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
 ?RCS:
 ?RCS: You may redistribute only under the terms of the Artistic License,
 ?RCS: as specified in the README file that comes with the distribution.
 ?RCS: You may reuse parts of this distribution only within the terms of
 ?RCS: that same Artistic License; a copy of which may be found at the root
 ?RCS: of the source tree for dist 4.0.
 ?RCS:
 ?RCS: Original Author: Thomas Neumann <tom@smart.bo.open.de>
 ?RCS:
 ?RCS: \$Log: Findhdr.U,v \$
 ?RCS: Revision 3.0.1.2 1994/10/29 15:53:08 ram
 ?RCS: patch36: added ?F: line for metalint file checking

```

?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:03:56 ram
?RCS: patch23: cppminus must be after other cppflags, not before
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:54 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a findhdr script which is used to locate the header
?X: files
in $usrinc or other stranger places using cpp capabilities. The
?X: script is given an include file base name, like 'stdio.h' or 'sys/file.h'
?X: and it returns the full path of the include file and a zero status or an
?X: empty string with an error status if the file could not be located.
?X:
?MAKE:Findhdr: grep test tr rm +usrinc awk cat startsh \
cppstdin cppminus +cppflags eunicefix osname
?MAKE: -pick add $@ %<
?LINT:define fieldn
?S:fieldn:
?S: This variable is used internally by Configure. It contains the position
?S: of the included file name in cpp output. That is to say, when cpp
?S: pre-processes a #include <file> line, it replaces it by a # line which
?S: contains the original position in the input file and the full name of
?S: included file, between "quotes".
?S:.
?V:fieldn
?F:./findhdr !fieldn
?T:cline pos wanted name awkprg cppfilter testaccess status usrincdir
: determine filename position in cpp output
echo " "
echo "Computing filename position in cpp output for #include
directives..." >&4
echo '#include <stdio.h>' > foo.c
case "$osname" in
vos)
testaccess=-e
?X: VOS: path component separator is >
cppfilter="tr '\\\\>' '/' |"
;;
*)
testaccess=-r
cppfilter="
;;
esac
$cat >fieldn <<EOF
$startsh
$cppstdin $cppflags $cppminus <foo.c 2>/dev/null | \

```

```

$grep '^[ ]*#.*stdio\.h' | \
while read cline; do
  pos=1
  set \ $cline
  while $test $# -gt 0; do
    if $test $testaccess `echo \ $1 | $str -d ""`; then
      echo "\ $pos"
      exit 0
    fi
    shift
    pos=`expr \ $pos + 1`
  done
done
EOF
chmod +x fieldn
fieldn=`./fieldn`
$rm -f foo.c fieldn
case $fieldn in
  ") pos='???';;
  1) pos=first;;
  2) pos=second;;
  3) pos=third;;
  *) pos="\ ${fieldn}th";;
esac
echo "Your cpp writes the filename in the $pos field of the line."

```

?X: To locate a header file, we cannot simply check for \$usrinc/file.h, since
?X: some machine have the headers in weird places and our only hope is that
?X: the C pre-processor will know how to find those headers. Thank you Next!

: locate header file

```

$cat
>findhdr <<EOF
$startsh
wanted=\ $1
name=""
for usrincdir in $usrinc; do
  if test -f \ $usrincdir/\ $wanted; then
    echo "\ $usrincdir/\ $wanted"
    exit 0
  fi
done
awkprg='{ print \ $$fieldn }'
echo "#include <\ $wanted>" > foo\ $\$.c
$cppstdin $cppminus $cppflags < foo\ $\$.c 2>/dev/null | \
$cppfilter $grep "^[ ]*#\ $\ $wanted" | \
while read cline; do
  name=`echo \ $cline | $awk "\ $awkprg" | $str -d ""`
  case "\ $name" in

```

```

*[/\\\\]$wanted) echo "$name"; exit 1;;
*[\\\\\\\\]$wanted) echo "$name"; exit 1;;
*) exit 2;;
esac
done
?X: status = 0: grep returned 0 lines, case statement not executed
?X: status = 1: headerfile found
?X: status = 2: while loop executed, no headerfile found
status=$?
$rm -f foo\\$$.c
if test $status -eq 1; then
    exit 0
fi
exit 1
EOF
chmod +x findhdr
$unicefix findhdr

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Findhdr.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_dld.U 1 2006-08-24 12:32:52Z rmanfredi $

```

```

?RCS:

```

```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

```

```

?RCS:

```

```

?RCS: You may redistribute only under the terms of the Artistic Licence,

```

```

?RCS: as specified in the README file that comes with the distribution.

```

```

?RCS: You may reuse parts of this distribution only within the terms of

```

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?RCS: that same Artistic Licence; a copy of which may be found at the root

```

```

?RCS: of the source tree for dist 4.0.

```

```

?RCS:

```

```

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

```

```

?RCS:

```

```

?RCS: $Log: i_dld.U,v $

```

```

?RCS: Revision 3.0.1.1 1994/10/29 16:20:07 ram

```

```

?RCS: patch36: created by ADO

```

```

?RCS:

```

```

?MAKE:i_dld: Inhdr

```

```

?MAKE: -pick add $@ %<

```

```

?S:i_dld:

```

```

?S: This variable conditionally defines the I_DLD symbol, which

```

```

?S: indicates to the C program that <dld.h> (GNU dynamic loading)

```

```

?S: exists and should be included.

```

```

?S:.

```

```

?C:I_DLD:

```

```

?C: This symbol, if defined, indicates that <dld.h>

```

```
exists and should
?C: be included before using GNU dynamic loading features.
?C:.
?H:#$i_dld I_DLD /**/
?H:.
?LINT:set i_dld
: see if dld is available
set dld.h i_dld
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_dld.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: libflex.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libflex.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:57:48 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.2 1994/05/06 15:07:02 ram
?RCS: patch23: now uses full library path instead of -l notation
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:13:25 ram
?RCS: patch16: un-obsoleteed this unit to allow smooth lex/flex compilations
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:59 ram
?RCS: Baseline for dist 3.0 netwide
release.
?RCS:
?MAKE:libflex: Loc lex libpth _a
?MAKE: -pick add $@ %<
?S:libflex:
?S: This variable contains the argument to pass to the loader in order
?S: to get the flex/lex library routines. If there is no flex or flex
?S: library, it is null.
?S:.
?T:xxx
: see if we should include -lfl
```

```

echo " "
case "$lex" in
*flex)
xxx=`./loc libl$_a x $libpth`
case "$xxx" in
x)
echo "No flex library found." >&4
libflex="
;;
*)
echo "flex library found in $xxx." >&4
libflex="$xxx"
;;
esac
;;
*lex)
xxx=`./loc libl$_a x $libpth`
case "$xxx" in
x)
echo "No lex library found." >&4
libflex="
;;
*)
echo "lex library found in $xxx." >&4
libflex="$xxx"
;;
esac
;;
*)
echo "You don't seem to have lex or flex, so I won't look for libraries." >&4
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libflex.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_mbstowcs.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```



```

?RCS: $Log: d_mbstowcs.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:29 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_mbstowcs: Inlibc
?MAKE: -pick add $@ %<
?S:d_mbstowcs:
?S: This variable conditionally defines the HAS_MBSTOWCS symbol, which
?S: indicates to the C program that the mbstowcs() routine is available
?S: to convert a multibyte string into a wide character string.
?S:.
?C:HAS_MBSTOWCS (MBSTOWCS):
?C: This symbol, if defined, indicates
that the mbstowcs routine is
?C: available to convert a multibyte string into a wide character string.
?C:.
?H:#$d_mbstowcs HAS_MBSTOWCS /**/
?H:.
?LINT:set d_mbstowcs
: see if mbstowcs exists
set mbstowcs d_mbstowcs
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_mbstowcs.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_dlerror.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_dlerror.U,v $
?RCS: Revision 3.0.1.2 1995/07/25 13:52:49 ram
?RCS: patch56: force compile-link test since symbol might lie in crt0.o (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:11:23 ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_dlerror: Inlibc runnm

```

?MAKE: -pick add \$@ %<

?S:d_dlderror:

?S: This variable conditionally defines the HAS_DLERROR symbol, which

?S: indicates

to the C program that the dlerror() routine is available.

?S:.

?C:HAS_DLERROR :

?C: This symbol, if defined, indicates that the dlerror routine is

?C: available to return a string describing the last error that

?C: occurred from a call to dlopen(), dlclose() or dlsym().

?C:.

?H:#\$d_dlderror HAS_DLERROR /**/

?H:.

?T: xxx_runnm

?LINT:set d_dlderror

?X: We don't permanently change runnm, but we do temporarily.

?LINT: change runnm

: see if dlerror exists

?X: On NetBSD and FreeBSD, dlerror might be available, but it is in

?X: /usr/lib/crt0.o, not in any of the libraries. Therefore, do not

?X: use the nm extraction, but use a real compile and link test instead.

xxx_runnm="\$runnm"

runnm=false

set dlerror d_dlderror

eval \$inlibc

runnm="\$xxx_runnm"

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_dlderror.U

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?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: lseektype.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:30:10 ram

?RCS: patch32: now uses new Typedef unit to compute type information

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:08 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:
?MAKE:lseektype: Myread Typedef
?MAKE: -pick add \$@ %<
?S:lseektype:
?S: This variable defines lseektype to be something like off_t, long,
?S: or whatever type is used to declare lseek offset's type in the
?S: kernel (which also appears to be lseek's return type).
?S:.
?C:Off_t
(LSEEKTYPE):
?C: This symbol holds the type used to declare offsets in the kernel.
?C: It can be int, long, off_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Off_t \$lseektype /* <offset> type */
?H:.
: see what type lseek is declared as in the kernel
set off_t lseektype long stdio.h sys/types.h
eval \$typedef
echo " "
dflt="\$lseektype"
rp="What type is lseek's offset on this system declared as?"
. ./myread
lseektype="\$ans"

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lseektype.U

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:need_va_copy: rm_try cat Compile run

?MAKE: -pick add \$@ %<

?S:need_va_copy:

?S: This symbol, if defined, indicates that the system stores

?S: the variable argument list datatype, va_list, in a format

?S: that cannot be copied by simple assignment, so that some

?S: other means must be used when copying is required.

?S: As such systems vary in their provision (or non-provision)

?S: of copying mechanisms, handy.h defines a platform-
 ?S: independent macro, Perl_va_copy(src, dst), to do the job.
 ?S:.
 ?C:NEED_VA_COPY:
 ?C: This
 symbol, if defined, indicates that the system stores
 ?C: the variable argument list datatype, va_list, in a format
 ?C: that cannot be copied by simple assignment, so that some
 ?C: other means must be used when copying is required.
 ?C: As such systems vary in their provision (or non-provision)
 ?C: of copying mechanisms, handy.h defines a platform-
 ?C: independent macro, Perl_va_copy(src, dst), to do the job.
 ?C:.
 ?H:#\$need_va_copy NEED_VA_COPY /**/
 ?H:.
 ?T:okay
 ?F:!try
 : see if we need va_copy
 echo " "
 \$cat >try.c <<EOCP
 #include <stdarg.h>
 #include <stdio.h>
 #include <stdlib.h>
 #include <signal.h>

```

int
ivfprintf(FILE *f, const char *fmt, va_list *valp)
{
    return vfprintf(f, fmt, *valp);
}

int
myvfprintf(FILE *f, const char *fmt, va_list val)
{
    return ivfprintf(f, fmt, &val);
}

int
myprintf(char *fmt, ...)
{
    va_list val;
    va_start(val, fmt);
    return myvfprintf(stdout, fmt, val);
}

int
main(int ac, char **av)
{

```

```
signal(SIGSEGV, exit);
```

```
myprintf("%s%s all right, then\n",
```

```
"that", "\");
```

```
exit(0);
```

```
}
```

```
EOCP
```

```
set try
```

```
if eval $compile && $run ./try 2>&1 >/dev/null; then
```

```
case "$run ./try`" in
```

```
"that's all right, then")
```

```
okay=yes
```

```
::
```

```
esac
```

```
fi
```

```
case "$okay" in
```

```
yes) echo "It seems that you don't need va_copy()." >&4
```

```
need_va_copy="$undef"
```

```
::
```

```
*) echo "It seems that va_copy() or similar will be needed." >&4
```

```
need_va_copy="$define"
```

```
::
```

```
esac
```

```
$rm_try
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/need_va_copy.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_shadow.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:i_shadow: Inhdr Hasfield
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_shadow:
```

```
?S: This variable conditionally defines the I_SHADOW symbol, and indicates
```

```
?S: whether a C program should include <shadow.h>.
```

```
?S:.
```

```
?C:I_SHADOW:
```

```
?C: This symbol, if defined, indicates that <shadow.h> exists and
```

```
?C: should be included.
```

```
?C:.
```

```
?H:#$i_shadow I_SHADOW /**/
```

?H:
?LINT:set i_shadow
: see if this is a shadow.h system
set shadow.h i_shadow
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_shadow.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: randfunc.U,v \$

?RCS: Revision 3.0 1993/08/18 12:09:39 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This is the new unit that should be used when random

?X: functions are to be used. It thus makes randbits.U obsolete.

?X:

?MAKE:randfunc mrand seedfunc nrandbits: cat +cc rm test Myread Csym

?MAKE: -pick add \$@ %<

?S:randfunc:

?S: Indicates the name of the random number function to use.

?S: Values include drand48, random, and rand. In C programs,

?S: the 'nrand' macro is defined

to generate uniformly distributed

?S: random numbers over the range [0., 1.] (see mrand and nrand).

?S:.

?S:mrand:

?S: Indicates the macro to be used to generate normalized

?S: random numbers. Uses randfunc, often divided by

?S: (double) ((1 << nrandbits) -1) in order to normalize the result.

?S: In C programs, the macro 'nrand' is mapped on mrand.

?S:.

?S:seedfunc:

?S: Indicates the random number generating seed function.

?S: Values include srand48, srandom, and srand.

?S:.

```

?S:randbits:
?S: Indicates how many bits are produced by the function used to
?S: generate normalized random numbers.
?S:.
?C:rand:
?C: This macro is to be used to generate uniformly distributed
?C: random numbers over the range [0., 1.].
?C:.
?C:seedrand:
?C: This symbol defines the macro to be used in seeding the
?C: random number generator (see rand).
?C:.
?H:#define rand() $mrand /**/
?H:#define seedrand(x) $seedfunc(x) /**/
?H:.
?T:cont val
?LINT:nothere $randbits)
: How can we generate normalized
random numbers ?
echo " "
case "$randfunc" in
")
if set drand48 val -f; eval $csym; $val; then
dflt="drand48"
echo "Good, found drand48()." >&4
elif set random val -f; eval $csym; $val; then
dflt="random"
echo "OK, found random()." >&4
else
dflt="rand"
echo "Yick, looks like I have to use rand()." >&4
fi
echo " "
;;
*)
dflt="$randfunc"
;;
esac
cont=true
while $test "$cont"; do
rp="Use which function to generate random numbers?"
./myread
?X: Invalidates randbits if the answer is not the default so
?X: that the value stored in config.sh will not be used when
?X: we change our random function.
if $test "$ans" = "$dflt"; then
: null
else

```

```

nrandbits="
fi
randfunc="$ans"
if set $ans val -f; eval $csym; $val; then
cont="
else
dflt=n
rp="Function $ans does not exists. Use that name anyway?"
./myread
dflt=rand
case "$ans" in
[yY]*) cont=";;
esac
fi
case "$cont" in
")
case "$randfunc" in
drand48)
mrand="drand48()"
seedfunc="srand48"
;;
rand*)
case
"$nrandbits" in
")
echo "Checking to see how many bits your $randfunc() function produces..." >&4
$cat >try.c <<EOCP
#include <stdio.h>
int main()
{
register int i;
register unsigned long tmp;
register unsigned long max = 0L;
extern long random();

for (i = 1000; i; i--) {
tmp = (unsigned long)$randfunc();
if (tmp > max) max = tmp;
}
for (i = 0; max; i++)
max /= 2;
printf("%d\n",i);
}
EOCP
if $cc -o try try.c >/dev/null 2>&1 ; then
dflt=`try`
else
dflt='?'

```



```

echo "(I can't seem to compile the test program...)"
fi
;;
*)
dflt="$nrandbits"
;;
esac
rp="How many bits does your $randfunc() function produce?"
./myread
nrandbits="$sans"
$rm -f try.c try
mrand="($randfunc() / (double) ((1 << $nrandbits) - 1))"
seedfunc="srand"
;;
?X: The following is provided just in case...
*)
dflt="31"
rp="How many bits does your $randfunc() function produce?"
./myread
nrandbits="$sans"
seedfunc="$srandfunc"
mrand="($randfunc()
/ (double) ((1 << $nrandbits) - 1))"
if set $seedfunc val -f; eval $csym; $val; then
echo "(Using $seedfunc() to seed random generator)"
else
echo "(Warning: no $seedfunc() to seed random generator)"
seedfunc=rand
fi
;;
esac
;;
esac
done

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/randfunc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_flock.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
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```

?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_flock.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:05 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_flock: Inlibc
?MAKE: -pick add \$@ %<
?S:d_flock:
?S: This variable conditionally defines HAS_FLOCK if flock() is
?S: available to do file locking.
?S:.
?C:HAS_FLOCK (FLOCK):
?C: This symbol, if defined, indicates that the flock routine is
?C: available to do file locking.
?C:.
?H:#\$d_flock HAS_FLOCK /**/
?H:.
?LINT:set d_flock
: see
if flock exists
set flock d_flock
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_flock.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_memccpy.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_memccpy.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:31 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_memccpy: Inlibc
?MAKE: -pick add \$@ %<
?S:d_memccpy:
?S: This variable conditionally defines the HAS_MEMCCPY symbol, which
?S: indicates to the C program that the memccpy() routine is available

?S: to copy a character into a block of memory.

?S:.

?C:HAS_MEMCCPY (MEMCCPY):

?C: This symbol, if defined, indicates that the memccpy routine is available

?C: to copy a character into a block of memory. Otherwise you should

?C: roll your own.

?C:.

?H:#\$d_memccpy HAS_MEMCCPY /**/

?H:.

?LINT:set d_memccpy

: see if memccpy exists

set memccpy d_memccpy

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memccpy.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_poll.U,v \$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_poll: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_poll:

?S: This variable conditionally defines the I_POLL symbol, and indicates

?S: whether a C program should include <poll.h>.

?S:.

?C:I_POLL:

?C: This symbol, if defined, indicates that <poll.h> exists and

?C: should be included. (see also HAS_POLL)

?C:.

?H:#\$i_poll I_POLL /**/

?H:.

?LINT:set i_poll

: see if this is a poll.h system

set poll.h i_poll

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_poll.U

No license file was found, but licenses were detected in source scan.

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?RCS:

?RCS:

?X:

?X: This unit is just a quick shorthand for the compile command

?X: to be used in all the other metaconfig units.

?X:

?MAKE:Compile: +cc +optimize +ccflags +ldflags +libs

?MAKE: -pick add \$@ %<

?LINT:define compile compile_ok

?V:compile compile_ok mc_file

?S:compile:

?S: This shell variable is used internally

by Configure to provide

?S: a convenient shorthand for the typical compile command, namely

?S: \$cc \$optimize \$ccflags \$ldflags -o \$1 \$1.c \$libs > /dev/null 2>&1

?S: Note that the output filename does not include the _exe

?S: extension. Instead we assume that the linker will be

?S: "helpful" and automatically appending the correct suffix.

?S: OS/2 users will apparently need to supply the `-Zexe` flag to

?S: get this behavior.

?S:

?S: To use this variable, say something like:

?S: echo 'int main() { exit(0); }' > try.c

?S: set try

?S: if eval \$compile; then

?S: echo "success" # and do whatever . . .

?S: else

?S: echo "failure" # and do whatever . . .

?S: fi

?S: To add extra flags cc flags (e.g. `-DWHATEVER`) just put them

?S: in `$*`, e.g.

?S: set try `-DTRY_THIS_FLAG`

```

?S:.
?S:compile_ok:
?S: This shell variable is used internally by Configure to provide
?S: a convenient shorthand for the typical compile command that you
?S: expect to work ok. It is the same as $compile,
?S: except we
?S: deliberately let the user see any error messages.
?S:.
: define a shorthand compile call
compile='
mc_file=$1;
shift;
$cc -o ${mc_file} $optimize $ccflags $ldflags $* ${mc_file}.c $libs > /dev/null 2>&1;'
: define a shorthand compile call for compilations that should be ok.
compile_ok='
mc_file=$1;
shift;
$cc -o ${mc_file} $optimize $ccflags $ldflags $* ${mc_file}.c $libs;'

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Compile.U

```

No license file was found, but licenses were detected in source scan.

```

case $CONFIG in
")
if test -f config.sh; then TOP=.;
elif test -f ../config.sh; then TOP=..;
elif test -f ../../config.sh; then TOP=../../;
elif test -f ../../../config.sh; then TOP=../../../;
elif test -f ../../../../config.sh; then TOP=../../../../../;
else
echo "Can't find config.sh."; exit 1
fi
. $TOP/config.sh
;;
esac
case "$0" in
*/*) cd `expr X$0 : 'X\(.*/'` ;;
esac
echo "Extracting makedir (with variable substitutions)"
$spitshell >makedir <<!GROK!THIS!
$startsh
# $Id: makedir.sh,v 3.0.1.1 1994/01/24 14:00:08 ram Exp ram $
#
# Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
#
# You may redistribute only under the terms of the Artistic Licence,

```

```

# as specified in the README file that comes with the distribution.
# You may reuse parts of this distribution only within the terms of
# that same Artistic Licence; a copy of which may be found at the root
# of the source tree for dist 4.0.
#
# Original
# Author: Larry Wall <lwall@netlabs.com>
#
# $Log: makedir.sh,v $
# Revision 3.0.1.1 1994/01/24 14:00:08 ram
# patch16: changed top ln-style config.sh lookup into test-style one
#
# Revision 3.0 1993/08/18 12:04:38 ram
# Baseline for dist 3.0 netwide release.
#

export PATH || (echo "OOPS, this isn't sh. Desperation time. I will feed myself to sh."; sh \${0}; kill \${0})

case \ $# in
0)
    $echo "makedir pathname filenameflag"
    exit 1
    ;;
esac

: guarantee one slash before 1st component
case \ $1 in
/*) ;;
*) set ./\ $1 \ $2 ;;
esac

: strip last component if it is to be a filename
case X\ $2 in
X1) set \ $echo \ $1 | $sed 's:\(.*\)/[^\]*\ $:1:\` ` ;;
*) set \ $1 ;;
esac

: return reasonable status if nothing to be created
if $test -d "\ $1" ; then
    exit 0
fi

list=""
while true ; do
    case \ $1 in
    /*)
        list="\ $1 \ $list"
        set \ $echo \ $1 | $sed 's:\(.*\)/:1:\` `

```

```
::
*)
break
::
esac
done
```

```
set \list
```

```
for dir do
  $mkdir \${dir} >/dev/null 2>&1
done
!GROK!THIS!
$unicefix
  mkdir
chmod +x mkdir
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/mkdir.SH
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_select.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_select.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:02 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_select: Inlibc
?MAKE: -pick add $@ %<
?S:d_select:
?S: This variable conditionally defines HAS_SELECT if select() is
?S: available to select active file descriptors. A <sys/time.h>
?S: inclusion may be necessary for the timeout field.
?S:.
?C:HAS_SELECT:
?C: This symbol, if defined, indicates that the select routine is
?C: available
to select active file descriptors. If the timeout field
?C: is used, <sys/time.h> may need to be included.
```

```
?C:
?H:#$d_select HAS_SELECT /**/
?H:
?LINT:set d_select
: see if select exists
set select d_select
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_select.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: sitescript.U,v $
?RCS:
?RCS: Copyright (c) 1999 Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: sitescript.U,v $
?RCS:
?MAKE:sitescript sitescriptexp installsitescript : Getfile Oldconfig test \
Setprefixvar sitebin siteprefix
?MAKE: -pick add $@ %<
?Y:TOP
?D:sitescript="
?S:sitescript:
?S: This variable holds the name of the directory in which the user wants
?S: to put add-on publicly executable files for the package in question. It
?S: is most often a local directory such as /usr/local/bin. Programs using
?S: this variable must be prepared to deal with ~name substitution.
?S: The standard
distribution will put nothing in this directory.
?S: After perl has been installed, users may install their own local
?S: scripts in this directory with
?S: MakeMaker Makefile.PL
?S: or equivalent. See INSTALL for details.
?S:.
?D:sitescriptexp="
?S:sitescriptexp:
?S: This is the same as the sitescript variable, but is filename expanded at
?S: configuration time, for use in your makefiles.
?S:.
?D:installsitescript="
```



```

?S:installsitescript:
?S: This variable is usually the same as sitescriptexp, unless you are on
?S: a system running AFS, in which case they may differ slightly. You
?S: should always use this variable within your makefiles for portability.
?S:.
?LINT:change prefixvar
?LINT:set installsitescript
?LINT:set sitescript
?LINT:set sitescriptexp
: determine where add-on public executable scripts go
case "$sitescript" in
") dflt=$siteprefix/script
$test -d $dflt || dflt=$sitebin ;;
*) dflt="$sitescript" ;;
esac
fn=d~+
rp='Pathname where add-on public executable scripts
should be installed?'
./getfile
prefixvar=sitescript
./setprefixvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/installdirs/sitescript.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: mallocsrc.U,v 3.0.1.2 1997/02/28 16:10:26 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: mallocsrc.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 16:10:26 ram
?RCS: patch61: added support for Free_t, the type of free()
?RCS: patch61: replaced .o with $_o all over the place
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 15:10:46 ram
?RCS: patch23: added support for MYMALLOC, mainly for perl5 (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:12 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:

```

?MAKE:malloclsrc mallocobj usemallocwrap usemymalloc
malloctype d_mymalloc \
freetype: Myread \
Oldconfig package Guess Setvar rm cat +cc +ccflags Findhdr \
i_malloc i_stdlib sed libs _o ptrsize useithreads
?MAKE: -pick add \$@ %<
?X: Put near top so that other tests don't erroneously include
?X: -lmalloc. --AD 22 June 1998
?Y:TOP
?S:usemymalloc:
?S: This variable contains y if the malloc that comes with this package
?S: is desired over the system's version of malloc. People often include
?S: special versions of malloc for efficiency, but such versions are often
?S: less portable. See also malloclsrc and mallocobj.
?S: If this is 'y', then -lmalloc is removed from \$libs.
?S:.
?S:usemallocwrap:
?S: This variable contains y if we are wrapping malloc to prevent
?S: integer overflow during size calculations.
?S:.
?S:malloclsrc:
?S: This variable contains the name of the malloc.c that comes with
?S: the package, if that malloc.c is preferred over the system malloc.
?S: Otherwise the value is null. This variable is intended for generating
?S: Makefiles.
?S:.
?S:d_mymalloc:
?S: This
variable conditionally defines MYMALLOC in case other parts
?S: of the source want to take special action if MYMALLOC is used.
?S: This may include different sorts of profiling or error detection.
?S:.
?S:mallocobj:
?S: This variable contains the name of the malloc.o that this package
?S: generates, if that malloc.o is preferred over the system malloc.
?S: Otherwise the value is null. This variable is intended for generating
?S: Makefiles. See malloclsrc.
?S:.
?S:freetype:
?S: This variable contains the return type of free(). It is usually
?S: void, but occasionally int.
?S:.
?S:malloctype:
?S: This variable contains the kind of ptr returned by malloc and realloc.
?S:.
?C:Free_t:
?C: This variable contains the return type of free(). It is usually
?C: void, but occasionally int.

```

?C:.
?C:Malloc_t (MALLOC_PTRTYPE):
?C: This symbol is the type of pointer returned by malloc and realloc.
?C:.
?H:#define Malloc_t $mалloctype /**/
?H:#define Free_t
    $freetype /**/
?H:.
?C:PERL_MALLOC_WRAP:
?C: This symbol, if defined, indicates that we'd like malloc wrap checks.
?C:.
?H:$usemallocwrap PERL_MALLOC_WRAP /**/
?H:.
?C:MYMALLOC:
?C: This symbol, if defined, indicates that we're using our own malloc.
?C:.
?H:$d_mymalloc MYMALLOC /**/
?H:.
?LINT:extern usedevel
?LINT:change libs
?X: Cannot test for malloctx; it is the unit's name and there is a bug in
?X: the interpreter which defines all the names, even though they are not used.
@if mallocobj
: determine whether to use malloc wrapping
echo " "
case "$usemallocwrap" in
[yY]*|true|$define) dflt='y' ;;
[nN]*|false|$undef) dflt='n' ;;
*) case "$usedevel" in
[yY]*|true|$define) dflt='y' ;;
*) dflt='n' ;;
esac
;;
esac
rp="Do you wish to wrap malloc calls to protect against potential overflows?"
./myread
usemallocwrap="$ans"
case "$ans" in
y*|true)
    usemallocwrap="$define" ;;
*)
    usemallocwrap="$undef" ;;
esac

: determine which malloc to compile in
echo " "
case "$usemymalloc"

```

```

in
[yY]*|true|$define) dflt='y' ;;
[nN]*|false|$undef) dflt='n' ;;
*) case "$ptrsize" in
4) dflt='y' ;;
*) dflt='n' ;;
esac
if test "$useithreads" = "$define"; then dflt='n'; fi
;;
esac
rp="Do you wish to attempt to use the malloc that comes with $package?"
. ./myread
usemymalloc="$sans"
case "$sans" in
y*|true)
usemymalloc='y'
mallosrc='malloc.c'
mallocobj="malloc$_o"
d_mymalloc="$define"
?X: Maybe libs.U should be dependent on mallosrc.U, but then
?X: most packages that use dist probably don't supply their own
?X: malloc, so this is probably an o.k. compromise
case "$libs" in
*-lmalloc*)
: Remove malloc from list of libraries to use
echo "Removing unneeded -lmalloc from library list" >&4
set `echo X $libs | $sed -e 's/-lmalloc / /' -e 's/-lmalloc$/'`
shift
libs="$*"
echo "libs = $libs" >&4
;;
esac
;;
*)
usemymalloc='n'
mallosrc=""
mallocobj=""
d_mymalloc="$undef"
;;
esac

@end
@if MALLOCPTRTYPE || Malloc_t || Free_t
: compute the return types of
malloc and free
echo " "
$cat >malloc.c <<END
#$_i_malloc I_MALLOC

```

```

#$i_stdlib I_STDLIB
#include <stdio.h>
#include <sys/types.h>
#ifdef I_MALLOC
#include <malloc.h>
#endif
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#ifdef TRY_MALLOC
void *malloc();
#endif
#ifdef TRY_FREE
void free();
#endif
END
@if MALLOCPTRTYPE || Malloc_t
case "$malloctype" in
")
if $cc $cflags -c -DTRY_MALLOC malloc.c >/dev/null 2>&1; then
malloctype='void *'
else
malloctype='char *'
fi
;;
esac
echo "Your system wants malloc to return '$malloctype', it would seem." >&4
@end

@if Free_t
case "$freetype" in
")
if $cc $cflags -c -DTRY_FREE malloc.c >/dev/null 2>&1; then
freetype='void'
else
freetype='int'
fi
;;
esac
echo "Your system uses $freetype free(), it would seem." >&4
@end
$rm -f malloc.[co]
@end

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/mallocsrc.U

```

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```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:usesocks: Myread Oldconfig Setvar
?MAKE: -pick add $@ %<
?Y:TOP
?S:usesocks:
?S: This variable conditionally defines the USE_SOCKS symbol,
?S: and indicates that Perl should be built to use SOCKS.
?S:.
?C:USE_SOCKS:
?C: This symbol, if defined, indicates that Perl should
?C: be built to use socks.
?C:.
?H:%<:#ifndef USE_SOCKS
?H:%<:#$usesocks USE_SOCKS /**/
?H:%<:#endif
?H:.
?LINT:set usesocks
?INIT:: set usesocks on the Configure command line to enable socks.
: Check is we will use socks
?X: We should really have some explanatory text here, and some
?X: automatic setting of sensible defaults.
case "$usesocks" in
$define|true|[yY]*) dflt='y';
*) dflt='n';;
esac
cat <<EOM
```

Perl can be built to use the SOCKS proxy protocol library. To do so, Configure must be run with `-Dusesocks`. If you use SOCKS you also need to use the PerlIO abstraction layer, this will be implicitly selected.

If this doesn't make any sense to you, just accept the default `'$dflt'`.

```
EOM
rp='Build Perl for SOCKS?'
./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef" ;;
esac
```

```
set usesocks
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usesocks.U
```

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?RCS:

?RCS:

?MAKE:d_dir_dd_fd: Compile cat rm_try Setvar i_dirent i_stdlib

?MAKE: -pick add \$@ %<

?S:d_dir_dd_fd (d_dir_dd_fd.U):

?S: This variable conditionally defines the HAS_DIR_DD_FD symbol, which

?S: indicates that the DIR directory stream type contains a member

?S: variable called dd_fd.

?S:.

?C:HAS_DIR_DD_FD:

?C: This symbol, if defined, indicates that the the DIR* dirstream

?C: structure contains a member variable named dd_fd.

?C:.

?H:#\$d_dir_dd_fd HAS_DIR_DD_FD /**/

?H:.

?LINT:set d_dir_dd_fd

: Look for DIR.dd_fd

case "\$i_dirent"

in

"\$define")

echo "Checking to see if DIR has a dd_fd member variable" >&4

\$cat >try.c <<EOCP

```
#$i_stdlib I_STDLIB
```

```
#ifdef I_STDLIB
```

```
#include <stdlib.h>
```

```
#endif
```

```
#include <dirent.h>
```

```
int main() {
```

```
    DIR dir;
```

```
    dir.dd_fd = 1;
```

```
    return 0;
```

```
}
```

```

EOCP
val=$undef
set try
if eval $compile; then
    echo "Yes, it does."
    val="$define"
else
    echo "No, it does not."
    val="$undef"
fi
;;
*)
    echo "You don't have a <dirent.h>, so not checking for dd_fd." >&4
    val="$undef"
    ;;
esac
set d_dir_dd_fd
eval $setvar
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_dir_dd_fd.U
```

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:full_ar: ar

?MAKE: -pick add \$@ %<

?S:full_ar:

?S: This variable contains the full pathname to 'ar', whether or

?S: not the user has specified 'portability'. This is only used

?S: in the Makefile.SH.

?S:.

: Store the full pathname to the ar program for use in the C program

: Respect a hint or command line value for full_ar.

case "\$full_ar" in

") full_ar=\$ar ;;

esac

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Loc_ar.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_syslog.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_syslog.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:46:56 ram

?RCS: patch61: replaced .o with \$_o all over the place

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:43 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_syslog: test Csym Setvar Findhdr

?MAKE: -pick add \$@ %<

?S:d_syslog:

?S: This variable conditionally defines the HAS_SYSLOG symbol, which

?S: indicates to the C program that syslog() exists on this system.

?S:.

?C:HAS_SYSLOG

(LIBSYSLOG):

?C: This symbol, if defined, indicates that the program can rely on the

?C: system providing syslog(). Otherwise, the syslog code provided by

?C: the package should be used.

?C:.

?H:#\$d_syslog HAS_SYSLOG /**/

?H:.

?LINT:set d_syslog

: see if syslog is available

echo " "

if \$test `./findhdr syslog.h` && \

(set syslog val -f d_syslog; eval \$csym; \$val); then

echo "syslog() found." >&4

val="\$define"

else

echo "syslog() not found in your C library." >&4

val="\$undef"

fi

set d_syslog

eval \$setvar

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_syslog.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_syswait.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_syswait.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:42 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit looks wether <sys/wait.h> is available or not

?X:

?MAKE:i_syswait: Inhdr

?MAKE: -pick add \$@ %<

?S:i_syswait:

?S: This variable conditionally defines I_SYS_WAIT, which indicates

?S: to the C program that it should include <sys/wait.h>.

?S:.

?C:I_SYS_WAIT (I_SYSWAIT):

?C: This symbol, if defined, indicates to the C program
that it should

?C: include <sys/wait.h>.

?C:.

?H:#\$i_syswait I_SYS_WAIT /**/

?H:.

?LINT:set i_syswait

: see if this is a syswait system

set sys/wait.h i_syswait

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_syswait.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: privlib.U,v 3.1 1999/07/08 18:32:29 doughera Exp doughera \$

?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: \$Log: privlib.U,v \$
?RCS: Revision 3.1 1999/07/08 18:32:29 doughera
?RCS: Updated for perl5.005_5x
?RCS:
?RCS: Revision 3.0.1.4 1995/09/25 09:17:09 ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.3 1995/01/30 14:44:23 ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.2 1994/08/29 16:31:52 ram
?RCS:
patch32: now uses installation prefix
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:12:34 ram
?RCS: patch10: added support for /local/lib (WED)
?RCS: patch10: prompt phrasing made more explicit (WED)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:35 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:privlib privlibexp installprivlib: package cat Getfile Oldconfig \
Setprefixvar Prefixit version installstyle binexp
?MAKE: -pick add \$@ %<
?Y:TOP
?D:privlib="
?S:privlib:
?S: This variable contains the eventual value of the PRIVLIB symbol,
?S: which is the name of the private library for this package. It may
?S: have a ~ on the front. It is up to the makefile to eventually create
?S: this directory while performing installation (with ~ substitution).
?S:.
?D:privlibexp="
?S:privlibexp:
?S: This variable is the ~name expanded version of privlib, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installprivlib="

```

?S:installprivlib:
?S: This variable
    is really the same as privlibexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?C:PRIVLIB:
?C: This symbol contains the name of the private library for this package.
?C: The library is private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world. The program
?C: should be prepared to do ~ expansion.
?C:.
?C:PRIVLIB_EXP:
?C: This symbol contains the ~name expanded version of PRIVLIB, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?H:#define PRIVLIB "$privlib" /**/
?H:#define PRIVLIB_EXP "$privlibexp" /**/
?H:.
?LINT:change prefixvar
?LINT:set installprivlib
?LINT:set privlib
?LINT:set privlibexp
: determine where private library files go
: Usual default is /usr/local/lib/perl5/$version.
: Also allow things like /opt/perl/lib/$version, since
: /opt/perl/lib/perl5... would be redundant.
: The default "style"
    setting is made in installstyle.U
case "$installstyle" in
*lib/perl5*) set dflt privlib lib/$package/$version ;;
*) set dflt privlib lib/$version ;;
esac
eval $prefixit
$cat <<EOM

```

There are some auxiliary files for \$package that need to be put into a private library directory that is accessible by everyone.

```

EOM
?X: Force dependency on bin.U
fn=$binexp
fn=d~+
rp='Pathname where the private library files will reside?'
./getfile
prefixvar=privlib
./setprefixvar

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/privlib.U

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?RCS:

?MAKE:d_ptrdiff_t: Inlibc Setvar Compile rm_try cat

?MAKE: -pick add \$@ %<

?S:d_ptrdiff_t:

?S: This symbol will be defined if the C compiler supports ptrdiff_t.

?S:.

?C:HAS_PTRDIFF_T:

?C: This symbol will be defined if the C compiler supports ptrdiff_t.

?C:.

?H:#\$d_ptrdiff_t HAS_PTRDIFF_T /**/

?H:.

?LINT:set d_ptrdiff_t

: check for ptrdiff_t

echo " "

echo "Checking to see if you have ptrdiff_t..." >&4

\$cat >try.c <<EOCP

#include <stddef.h>

int main() { ptrdiff_t x = 7; }

EOCP

set try

if eval \$compile; then

val="\$define"

echo "You have ptrdiff_t."

else

val="\$undef"

echo "You do not have ptrdiff_t."

fi

\$rm_try

set d_ptrdiff_t

eval \$setvar

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ptrdiff_t.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_tminsys.U 1 2006-08-24 12:32:52Z rmanfredi \$

```

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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_tminsys.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:47 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_tminsys: contains Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_tminsys:
?S: This variable conditionally defines TM_IN_SYS if this system
?S: declares "struct tm" in <sys/time.h> rather than <time.h>.
?S:.
?C:TM_IN_SYS (TMINSYS):
?C: This symbol is defined if this system declares "struct tm" in
?C: in <sys/time.h> rather than <time.h>.
    We can't just say
?C: -I/usr/include/sys because some systems have both time files, and
?C: the -I trick gets the wrong one.
?C:.
?H:#$d_tminsys TM_IN_SYS /**/
?H:.
?LINT:set d_tminsys
: see if struct tm is defined in sys/time.h
echo " "
if $contains 'struct tm' `./findhdr time.h` >/dev/null 2>&1 ; then
echo "You have struct tm defined in <time.h> rather than <sys/time.h>." >&4
val="$undef"
else
echo "You have struct tm defined in <sys/time.h> rather than <time.h>." >&4
val="$define"
fi
set d_tminsys
eval $setvar

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_tminsys.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_pidcheck.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:

```

```

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_pidcheck.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:37:55 ram
?RCS: patch61: replaced .o with $_o all over the place
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:46 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_pidcheck: cat rm +cc _o
?MAKE: -pick add $@ %<
?S:d_pidcheck:
?S: This variable conditionally defines the variable PIDCHECK
?S: which indicates that kill(pid, 0) will check for an
    active pid.
?S:.
?C:PIDCHECK:
?C: This symbol, if defined, means that the kill(pid, 0) will
?C: check for an active pid (i.e. the kernel will run all the
?C: necessary pid checks, but no signal is actually sent).
?C:.
?H:#$d_pidcheck PIDCHECK /**/
?H:.
?F:!try
: check for "kill(pid, 0)"
echo " "
case "$d_pidcheck" in
"$define")
echo "I already know your system supports kill(pid, 0) for pid checks." >&4
;;
"$undef")
echo "We both know your system does not support signal #0 for pid checks." >&4
;;
*)
echo "Checking to see if kill(pid, 0) works..." >&4
$cat >try.c <<'EOCP'
int main()
{
int pid, status0, status9;

if ((pid = fork()) == 0)

```

```

{
sleep(30);
exit(1);
}
status0 = kill(pid, 0);
status9 = kill(pid, 9);
exit(status0 == status9);
}
EOCP
if $cc -o try try.c >/dev/null 2>&1 ; then
if ./try >/dev/null 2>&1 ; then
echo "Yes, it does marvels."
d_pidcheck="$undef"
else
d_pidcheck="$define"
echo "No, it doesn't."
fi
else
echo "(I was unable to compile
the test program.)"
echo "Your system does not appear to support kill(pid, 0)."

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pidcheck.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_regcmp.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

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```
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```
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_regcmp.U,v $
```

```
?RCS: Revision 3.0.1.1 1995/01/30 14:34:45 ram
```

```
?RCS: patch49: now looks for POSIX regcomp() routine
```

```
?RCS:
```

```
?RCS: Revision 3.0 1993/08/18 12:06:53 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```



```

?RCS:
?MAKE:d_regcmp d_re_comp d_regcomp: Csym cat
?MAKE: -pick add $@ %<
?S:d_regcomp:
?S: This variable conditionally defines the HAS_REGCOMP symbol, which
?S: indicates to the C program that the regcomp() routine is available
?S: for regular
    pattern matching (usually on POSIX.2 conforming systems).
?S:.
?S:d_regcmp:
?S: This variable conditionally defines the HAS_REGCMP symbol, which
?S: indicates to the C program that the regcmp() routine is available
?S: for regular pattern matching (usually on System V).
?S:.
?S:d_re_comp:
?S: This variable conditionally defines the HAS_RECOMP symbol, which
?S: indicates to the C program that the re_comp() routine is available
?S: for regular pattern matching (usually on BSD). If so, it is likely that
?S: re_exec() exists.
?S:.
?C:HAS_REGCOMP (REGCOMP):
?C: This symbol, if defined, indicates that the regcomp() routine is
?C: available to do some regular pattern matching (usually on POSIX.2
?C: conforming systems).
?C:.
?C:HAS_REGCMP (REGCMP):
?C: This symbol, if defined, indicates that the regcmp() routine is
?C: available to do some regular pattern matching (usually on System V).
?C:.
?C:HAS_RECOMP (RECOMP):
?C: This symbol, if defined, indicates that the re_comp() routine is
?C: available
    to do some regular pattern matching (usually on BSD). If so,
?C: it is likely that re_exec() be available.
?C:.
?H:#$d_regcomp HAS_REGCOMP /* POSIX.2 */
?H:#$d_regcmp HAS_REGCMP /* sysV */
?H:#$d_re_comp HAS_RECOMP /* BSD */
?H:.
?T:val
: see if regcomp, regcmp, or re_comp exist, for regular pattern matching
echo " "
if set regcomp val -f d_regcomp; eval $csym; $val; then
echo 'regcomp() found.' >&4
d_regcomp="$define"
d_regcmp="$undef"
d_re_comp="$undef"
elif set regcmp val -f d_regcmp; eval $csym; $val; then

```

```

echo 'regcmp() found.' >&4
d_regcmp="$define"
d_regcomp="$undef"
d_re_comp="$undef"
elif set re_comp val -f d_re_comp; eval $csym; $val; then
echo 're_comp() found, assuming re_exec() also exists.' >&4
d_re_comp="$define"
d_regcomp="$undef"
d_regcmp="$undef"
else
$cat >&4 <<EOM
No regcmp(), regcmp() nor re_comp() found !! No regular pattern matching.
EOM
d_regcmp="$undef"
d_re_comp="$undef"
d_regcomp="$undef"
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_regcmp.U
```

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:i_pthread: Inhdr

?MAKE:-pick add \$@ %<

?S:i_pthread:

?S: This variable conditionally defines the I_PTHREAD symbol,

?S: and indicates whether a C program should include <pthread.h>.

?S:.

?C:I_PTHREAD:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <pthread.h>.

?C:.

?H:#\$i_pthread I_PTHREAD /**/

?H:.

?LINT:set i_pthread

: see if POSIX threads are available

set pthread.h i_pthread

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/i_pthread.U

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Oldsym.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:06:58 ram

?RCS: patch61: added support for src.U

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:13 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit follows the creation of the config.sh file. It adds some

?X: special symbols: defines from patchlevel.h file if any and CONFIG,

?X: which is set to true. Then, we try to keep all the new symbols that

?X: may come from a hint file or a previous config.sh file.

?X:

?MAKE:Oldsym:

Config_sh Options test hint src sed sort uniq

?MAKE: -pick add @\$ %<

?T:CONFIG sym tmp

?F:!UU

: add special variables

\$test -f \$src/patchlevel.h && \

awk '/^#define/ {printf "%s=%s\n", \$2, \$3}' \$src/patchlevel.h >>config.sh

echo "CONFIG=true" >>config.sh

: propagate old symbols

if \$test -f UU/config.sh; then

?X: Make sure each symbol is unique in oldconfig.sh

<UU/config.sh \$sort | \$uniq >UU/oldconfig.sh

?X:

?X: All the symbols that appear twice come only from config.sh (hence the

?X: two config.sh in the command line). These symbols will be removed by

?X: the uniq -u command. The oldsyms file thus contains all the symbols

?X: that did not appear in the produced config.sh (Larry Wall).

?X:

?X: Do not touch the -u flag of uniq. This means you too, Jarkko.

?X:

```
$sed -n 's/^\([a-zA-Z_0-9]*\)=.*\1/p' \  
config.sh config.sh UU/oldconfig.sh \  
$sort | $uniq -u >UU/oldsyms \  
set X `cat UU/oldsyms` \  
shift \  
case $# in \  
0) ;; \  
*) \  
cat <<EOM
```

Hmm... You had some extra variables I don't know about...I'll

try to keep 'em...

EOM

```
echo ": Variables propagated from previous config.sh file." >>config.sh \  
for sym in `cat UU/oldsyms`; do \  
echo " Propagating $hint variable ""$""$sym..." \  
eval 'tmp=""$""${sym}""' \  
echo "$tmp" | \  
sed -e "s/\/\""/g" -e "s/\/$sym=/'" -e "s/\/'/" >>config.sh \  
done \  
;; \  
esac \  
fi
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Oldsym.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2003 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_copysignl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_copysignl:

?S: This variable conditionally defines the HAS_COPYSIGNL symbol, which

?S: indicates to the C program that the copysignl() routine is available.

?S: If aintl is also present we can emulate modfl.

?S:.

?C:HAS_COPYSIGNL:

?C: This symbol, if defined, indicates that the copysignl routine is

?C: available. If aintl is also present we can emulate modfl.

?C:.

?H:#\$d_copysignl HAS_COPYSIGNL /**/

?H:.

?LINT:set d_copysignl

: see if copysignl exists

set copysignl d_copysignl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_copysignl.U

No license file was found, but licenses were detected in source scan.

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: voidflags.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 16:27:58 ram

?RCS: patch61: don't prompt them if the void support is high enough for us

?RCS:

?RCS: Revision 3.0.1.1 1995/01/11 15:37:44 ram

?RCS: patch45: cosmetic change to avoid spurious blank lines when using -s

?RCS:

?RCS: Revision 3.0 1993/08/18 12:10:01 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:voidflags defvoidused: cat sed rm rm_try contains +cc +ccflags package \

Oldconfig Myread

?MAKE: -pick add \$@ %<

?S:voidflags:

?S: This

variable contains the eventual value of the VOIDFLAGS symbol,

?S: which indicates how much support of the void type is given by this

?S: compiler. See VOIDFLAGS for more info.

?S:.

?S:defvoidused:

?S: This variable contains the default value of the VOIDUSED symbol (15).

?S:.

?X: Exceptionally, we have to explicitly alias the symbol name for

?X: config_h.SH, otherwise the comment would not appear.

```

?C:VOIDFLAGS ~ %<:
?C: This symbol indicates how much support of the void type is given by this
?C: compiler. What various bits mean:
?C:
?C: 1 = supports declaration of void
?C: 2 = supports arrays of pointers to functions returning void
?C: 4 = supports comparisons between pointers to void functions and
?C: addresses of void functions
?C: 8 = supports declaration of generic void pointers
?C:
?C: The package designer should define VOIDUSED to indicate the requirements
?C: of the package. This can be done either by #defining VOIDUSED before
?C: including
?C: config.h, or by defining defvoidused in Myinit.U. If the
?C: latter approach is taken, only those flags will be tested. If the
?C: level of void support necessary is not present, defines void to int.
?C:.
?H:%<:#ifndef VOIDUSED
?H:%<:#define VOIDUSED $defvoidused
?H:%<:#endif
?H:%<:#define VOIDFLAGS $voidflags
?H:%<:#if (VOIDFLAGS & VOIDUSED) != VOIDUSED
?H:%<:#define void int /* is void to be avoided? */
?H:%<:#define M_VOID /* Xenix strikes again */
?H:%<:#endif
?H:.
?W:%<:void
?F:!out !try.c !flags
?LINT:usefile .out flags try.c
?INIT:: full support for void wanted by default
?INIT:defvoidused=15
?INIT:
?LINT:known void M_VOID VOIDUSED
: check for void type
echo " "
echo "Checking to see how well your C compiler groks the void type..." >&4
$cat >flags <<EOM

```

Support flag bits are:

- 1: basic void declarations.
- 2: arrays of pointers to functions returning void.
- 4: operations between pointers to and addresses of void functions.
- 8: generic void pointers.

EOM

case

"\$voidflags" in

")

```

$cat >try.c <<'EOCP'
#if TRY & 1
void sub() {
#else
sub() {
#endif
extern void moo(); /* function returning void */
void (*goo)(); /* ptr to func returning void */
#if TRY & 8
void *hue; /* generic ptr */
#endif
#if TRY & 2
void (*foo[10])();
#endif

#if TRY & 4
if(goo == moo) {
    exit(0);
}
#endif
exit(0);
}
int main() { sub(); }
EOCP
?X: This unit used to use cc -S in those tests to try to speed up things, but
?X: unfortunately, AIX 3.2 does not support this option.
if $cc $ccflags -c -DTRY=$defvoidused try.c >.out 2>&1 ; then
    voidflags=$defvoidused
    echo "Good. It appears to support void to the level $package wants."
    if $contains warning .out >/dev/null 2>&1; then
        echo "However, you might get some warnings that look like this:"
        $sed -e 's/^/' .out
    fi
else
echo "Hmm, your compiler has some difficulty with void. Checking further..." >&4
$cat >&4 flags
$rm -f flags
if $cc $ccflags -c -DTRY=1 try.c >/dev/null 2>&1; then
    echo
    "It supports 1..."
    if $cc $ccflags -c -DTRY=3 try.c >/dev/null 2>&1; then
        echo "It also supports 2..."
    fi
    if $cc $ccflags -c -DTRY=7 try.c >/dev/null 2>&1; then
        voidflags=7
        echo "And it supports 4 but not 8 definitely."
    else
        echo "It doesn't support 4..."
    fi
    if $cc $ccflags -c -DTRY=11 try.c >/dev/null 2>&1; then

```

```

voidflags=11
echo "But it supports 8."
else
voidflags=3
echo "Neither does it support 8."
fi
fi
else
echo "It does not support 2..."
if $cc $ccflags -c -DTRY=13 try.c >/dev/null 2>&1; then
voidflags=13
echo "But it supports 4 and 8."
else
if $cc $ccflags -c -DTRY=5 try.c >/dev/null 2>&1; then
voidflags=5
echo "And it supports 4 but has not heard about 8."
else
echo "However it supports 8 but not 4."
fi
fi
fi
else
echo "There is no support at all for void."
voidflags=0
fi
fi
esac
?X: Only prompt user if support does not match the
level we want
case "$voidflags" in
"$defvoidused")
echo "Good. I already know it supports void to the level $package wants."
;;
*)
dflt="$voidflags";
test -f flags && $cat flags
rp="Your void support flags add up to what?"
./myread
voidflags="$ans"
;;
esac
$rm_try flags

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/voidflags.U

No license file was found, but licenses were detected in source scan.


```

?RCS: $Id: d_setprotoent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_setprotoent_r setprotoent_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_setprotoent_r:
?S: This variable conditionally defines the HAS_SETPROTOENT_R symbol,
?S: which indicates to the C program that the setprotoent_r()
?S: routine is available.
?S:.
?S:setprotoent_r_proto:
?S: This variable encodes the prototype of setprotoent_r.
?S: It is zero if d_setprotoent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setprotoent_r
?S: is defined.
?S:.
?C:HAS_SETPROTOENT_R:
?C: This symbol, if defined, indicates that the setprotoent_r
routine
?C: is available to setprotoent re-entrantly.
?C:.
?C:SETPROTOENT_R_PROTO:
?C: This symbol encodes the prototype of setprotoent_r.
?C: It is zero if d_setprotoent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setprotoent_r
?C: is defined.
?C:.
?H:#$d_setprotoent_r HAS_SETPROTOENT_R /**/
?H:#define SETPROTOENT_R_PROTO $setprotoent_r_proto /**/
?H:.
?T:try hdrs d_setprotoent_r_proto
: see if setprotoent_r exists
set setprotoent_r d_setprotoent_r
eval $inlibc
case "$d_setprotoent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_setprotoent_r_proto:$usethreads" in
":define") d_setprotoent_r_proto=define
set d_setprotoent_r_proto setprotoent_r $hdrs
eval $hasproto ;;
*) ;;

```

```

esac
case "$d_setprotoent_r_proto" in
define)
case "$setprotoent_r_proto" in
"|0) try='int setprotoent_r(int, struct protoent_data*);'
./protochk "$extern_C $try" $hdrs && setprotoent_r_proto=I_ID ;;
esac
case "$setprotoent_r_proto"
in
"|0) try='void setprotoent_r(int, struct protoent_data*);'
./protochk "$extern_C $try" $hdrs && setprotoent_r_proto=V_ID ;;
esac
case "$setprotoent_r_proto" in
"|0) d_setprotoent_r=undef
setprotoent_r_proto=0
echo "Disabling setprotoent_r, cannot determine prototype." >&4 ;;
* ) case "$setprotoent_r_proto" in
REENTRANT_PROTO*) ;;
*) setprotoent_r_proto="REENTRANT_PROTO_$setprotoent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susethreads" in
define) echo "setprotoent_r has no prototype, not using it." >&4 ;;
esac
d_setprotoent_r=undef
setprotoent_r_proto=0
;;
esac
;;
*) setprotoent_r_proto=0
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setprotoent_r.U

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?RCS: \$Id: d_dlsymun.U,v \$

?RCS:

?RCS: Copyright (c) 1996-1998, Andy Dougherty

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: d_dlsymun.U,v \$

```

?RCS:
?RCS:
?MAKE:d_dlsymun: cat cc ccflags ldflags ld rm Setvar dlsrc i_dlfcn i_stdlib \
cccdlflags ccdlflags lddlflags libs dlextr _o run to
?MAKE: -pick add $@ %<
?X: This is specific to perl5.
?S:d_dlsymun:
?S: This variable conditionally defines DLSYM_NEEDS_UNDERSCORE, which
?S: indicates that we need to prepend an underscore to the symbol
?S: name before calling dlsym().
?S:
?C:DLSYM_NEEDS_UNDERSCORE:
?C: This symbol, if defined, indicates that we need to prepend an
?C: underscore to the symbol name before calling dlsym(). This only
?C: makes sense if you *have* dlsym, which we will presume is the
?C: case if you're using dl_dlopen.xs.
?C:
?H:#$d_dlsymun DLSYM_NEEDS_UNDERSCORE /**/
?H:
?LINT:set
d_dlsymun
?T: xxx
?F:!fred
: Check if dlsym need a leading underscore
echo " "
val="$undef"

case "$dlsrc" in
dl_dlopen.xs)
echo "Checking whether your dlsym() needs a leading underscore ..." >&4
$cat >dyna.c <<'EOM'
fred () { }
EOM

$cat >fred.c<<EOM

#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#$i_dlfcn I_DLFCN
#ifdef I_DLFCN
#include <dlfcn.h> /* the dynamic linker include file for SunOS/Solaris */
#else
#include <sys/types.h>
#include <nlist.h>
#include <link.h>

```

```

#endif

extern int fred() ;

int main()
{
    void * handle ;
    void * symbol ;
#ifdef RTLD_LAZY
    int mode = 1 ;
#else
    int mode = RTLD_LAZY ;
#endif
    handle = dlopen("./dyna.$dlex", mode) ;
    if (handle == NULL) {
printf ("1\n") ;
fflush (stdout) ;
exit(0);
    }
    symbol = dlsym(handle, "fred") ;
    if (symbol == NULL) {
/* try putting a leading underscore */
symbol = dlsym(handle, "_fred") ;
if (symbol ==
NULL) {
    printf ("2\n") ;
    fflush (stdout) ;
    exit(0);
}
printf ("3\n") ;
    }
    else
printf ("4\n") ;
    fflush (stdout) ;
    exit(0);
}
EOM
: Call the object file tmp-dyna.o in case dlex=o.
if $cc $cflags $cccdlflags -c dyna.c > /dev/null 2>&1 &&
mv dyna${_o} tmp-dyna${_o} > /dev/null 2>&1 &&
$ld -o dyna.$dlex $ldflags $lddlflags tmp-dyna${_o} > /dev/null 2>&1 &&
$cc -o fred $cflags $ldflags $cccdlflags $ccdlflags fred.c $libs > /dev/null 2>&1 && $to dyna.$dlex; then
xxx=`$run ./fred`
case $xxx in
1) echo "Test program failed using dlopen." >&4
echo "Perhaps you should not use dynamic loading." >&4;;
2) echo "Test program failed using dlsym." >&4
echo "Perhaps you should not use dynamic loading." >&4;;

```

```

3) echo "dlsym needs a leading underscore" >&4
   val="$define" ;;
4) echo "dlsym doesn't need a leading underscore." >&4;;
   esac
else
   echo "I can't compile and run the test program." >&4
       echo "I'm guessing that dlsym
doesn't need a leading underscore." >&4
   fi
   ;;
esac

```

```
$rm -f fred fred.* dyna.$dlext dyna.* tmp-dyna.*
```

```
set d_dlsymun
```

```
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_dlsymun.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: libc.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: libc.U,v $
```

```
?RCS: Revision 3.0.1.10 1997/02/28 15:56:48 ram
```

```
?RCS: patch61: replaced .a with $_a all over the place
```

```
?RCS: patch61: added support for HPUX-10 nm output
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.9 1995/07/25 14:11:56 ram
```

```
?RCS: patch56: now knows about OS/2 platforms
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.8 1995/05/12 12:20:47 ram
```

```
?RCS: patch54: made sure only most recent version of shared lib is picked
```

```
?RCS: patch54: final "nm -p" check now uses xscan and xrun
```

```
like everybody
```

```
?RCS: patch54: can now grok Linux nm output with lead __IO (ADO)
```

```
?RCS: patch54: added support for Linux ELF output, using 'W' for alias (ADO)
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.7 1994/10/29 16:23:40 ram
```

?RCS: patch36: now looks for shared libraries before anything else (ADO)
?RCS: patch36: added new nm output format (ADO)
?RCS:
?RCS: Revision 3.0.1.6 1994/08/29 16:28:10 ram
?RCS: patch32: added I-type symbols for nm output parsing on Linux
?RCS:
?RCS: Revision 3.0.1.5 1994/06/20 07:03:24 ram
?RCS: patch30: checks are now presented by succession of if/elif
?RCS: patch30: uniformized checks for shared objects with new so symbol
?RCS:
?RCS: Revision 3.0.1.4 1994/05/06 15:06:33 ram
?RCS: patch23: added shared library knowledge (ADO and WED)
?RCS:
?RCS: Revision 3.0.1.3 1994/01/24 14:12:17 ram
?RCS: patch16: can now export nm_extract as an internal-use only variable
?RCS:
?RCS: Revision 3.0.1.2 1993/09/13 16:09:03 ram
?RCS: patch10: added special handling for Apollo systems (WAD)
?RCS:
?RCS: Revision 3.0.1.1 1993/08/27 14:40:03 ram
?RCS: patch7: added entry for /usr/shlib/libc.so (OSF/1 machines)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:57 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libc +nm_extract: echo n c rm test grep Getfile Myread Oldconfig Loc \
sed libs incpath libpth ar runnm nm nm_opt nm_so_opt contains xlibpth \
so _a _o osname trnl tr sort uniq sysroot
?MAKE: -pick add \$@ %<
?S:libc:
?S: This variable contains the location of the C library.
?S:.
?S:nm_extract:
?S: This variable holds the name of the extraction command used to process
?S: the output of nm and yield the list of defined symbols. It is used
?S: internally by Configure.
?S:.
?T:thislib try libnames xxx xscan xrun thisname com tans file
?F:!libnames !libc.tmp !tmp.imp
?LINT:extern PASE
?LINT:extern libnames
?LINT:change nm_opt
?INIT:libnames="
: Figure out where the libc is located
case "\$runnm" in
true)
?X: indentation is wrong on purpose--RAM

```

:
get list of predefined functions in a handy place
echo " "
case "$libc" in
") libc=unknown
case "$libs" in
*-lc_s*) libc=`./loc libc_s$_a $libc $libpth`
esac
;;
esac
case "$libs" in
") ;;
*) for thislib in $libs; do
case "$thislib" in
-lc|-lc_s)
: Handle C library specially below.
;;
-l*)
thislib=`echo $thislib | $sed -e 's/^-l//`
if try=`./loc lib$thislib.$so.*' X $libpth`; $test -f "$try"; then
:
elif try=`./loc lib$thislib.$so X $libpth`; $test -f "$try"; then
:
elif try=`./loc lib$thislib$_a X $libpth`; $test -f "$try"; then
:
elif try=`./loc $thislib$_a X $libpth`; $test -f "$try"; then
:
elif try=`./loc lib$thislib X $libpth`; $test -f "$try"; then
:
elif try=`./loc $thislib X $libpth`; $test -f "$try"; then
:
elif try=`./loc $lib$thislib$_a X $xlibpth`; $test -f "$try"; then
:
else
try="
fi
libnames="$libnames $try"
;;
*) libnames="$libnames $thislib" ;;
esac
done
;;
esac
?X:
?X: Some systems (e.g. DG/UX) use
"environmental" links, which make the test
?X: -f fail. Ditto for symbolic links. So in order to reliably check the
?X: existence of a file, we use test -r. It will still fail with DG/UX links

```

?X: though, but at least it will detect symbolic links. At some strategic
?X: points, we make use of (test -h), using a sub-shell in case builtin test
?X: does not implement the -h check for symbolic links. This makes it
?X: possible to preset libc in a hint file for instance and have it show up
?X: as-is in the question.

?X:

```
xxx=normal
case "$libc" in
unknown)
```

?X:

?X: The sed below transforms .so.9 .so.12 into something like .so.0009 .so.0012,
?X: then sorts on it to allow keeping .so.12 instead of .so.9 as the latest
?X: up-to-date library. The initial filename (before sed munging, saved in hold
?X: space via 'h') is appended via 'G' before sorting, then the leading munged
?X: part is removed after sorting. Nice efficient work from Tye McQueen.

?X: The initial blurfl is here to prevent the trailing
pipe from producing an

?X: empty string, causing Configure to output all its set variables!

?X:

```
set /lib/libc.$so
for xxx in $libpth; do
$test -r $1 || set $xxx/libc.$so
: The messy sed command sorts on library version numbers.
```

```
$test -r $1 || \
```

```
set `echo blurfl; echo $xxx/libc.$so.[0-9]* | \
```

```
tr ' ' $trnl | egrep -v \.[A-Za-z]*$' | $sed -e '
```

```
h
```

```
s/[0-9][0-9]*/0000&/g
```

```
s/0*\([0-9][0-9][0-9][0-9]\)\1/g
```

```
G
```

```
s\^n/ /' | \
```

```
$sort | $sed -e 's/^.*/'^
```

```
eval set \$$#
```

```
done
```

```
$test -r $1 || set $sysroot/usr/ccs/lib/libc.$so
```

```
$test -r $1 || set $sysroot/lib/libsys_s$_a
```

```
::
```

*)

?X: ensure the test below for the (shared) C library will fail

```
set blurfl
```

```
::
```

```
esac
```

```
if $test -r "$1"; then
```

```
echo "Your (shared) C library seems to be in $1."
```

```
libc="$1"
```

```
elif $test -r /lib/libc && $test -r /lib/clib; then
```

?X:

?X: Apollo has its C library in /lib/clib AND /lib/libc


```

?X: not to mention its math library in /lib/syslib...
?X:
echo "Your C library seems to be in both /lib/club
and /lib/libc."
xxx=apollo
libc='/lib/club /lib/libc'
if $test -r /lib/syslib; then
  echo "(Your math library is in /lib/syslib.)"
?X: Put syslib in libc -- not quite right, but won't hurt
  libc="$libc /lib/syslib"
fi
elif $test -r "$libc" || (test -h "$libc") >/dev/null 2>&1; then
echo "Your C library seems to be in $libc, as you said before."
?X: For mips, and...
elif $test -r $incpath/usr/lib/libc$_a; then
  libc=$incpath/usr/lib/libc$_a;
  echo "Your C library seems to be in $libc. That's fine."
elif $test -r /lib/libc$_a; then
  libc=/lib/libc$_a;
  echo "Your C library seems to be in $libc. You're normal."
else
if tans=`./loc libc$_a blurfl/dyick $libpth`; $test -r "$tans"; then
  :
elif tans=`./loc libc blurfl/dyick $libpth`; $test -r "$tans"; then
  libnames="$libnames "`./loc club blurfl/dyick $libpth`
elif tans=`./loc club blurfl/dyick $libpth`; $test -r "$tans"; then
  :
elif tans=`./loc Slibc$_a blurfl/dyick $xlibpth`; $test -r "$tans"; then
  :
elif tans=`./loc
Mlibc$_a blurfl/dyick $xlibpth`; $test -r "$tans"; then
  :
else
  tans=`./loc Llibc$_a blurfl/dyick $xlibpth`
fi
if $test -r "$tans"; then
  echo "Your C library seems to be in $tans, of all places."
  libc=$tans
else
  libc='blurfl'
fi
fi
if $test $xxx = apollo -o -r "$libc" || (test -h "$libc") >/dev/null 2>&1; then
  dflt="$libc"
cat <<EOM

```

If the guess above is wrong (which it might be if you're using a strange compiler, or your machine supports multiple models), you can override it here.

```
EOM
else
dflt=""
echo $libpth | $tr ' ' $trnl | $sort | $uniq > libpath
cat >&4 <<EOM
```

I can't seem to find your C library. I've looked in the following places:

```
EOM
$sed 's/^/ /' libpath
cat <<EOM
```

None of these seems to contain your C library. I need to get its name...

```
EOM
fi
fn=f
rp="Where is your C library?"
./getfile
libc="$sans"

echo " "
echo $libc $libnames | $tr ' ' $trnl | $sort | $uniq > libnames
set X `cat libnames`
shift
xxx=files
case $# in 1) xxx=file; esac
echo
"Extracting names from the following $xxx for later perusal:" >&4
echo " "
$sed 's/^/ /' libnames >&4
echo " "
$echo $n "This may take a while...$c" >&4
```

```
?X:
?X: Linux may need the special Dynamic option to nm for shared libraries.
?X: In general, this is stored in the nm_so_opt variable.
?X: Unfortunately, that option may be fatal on non-shared libraries.
?X:
for file in $*; do
case $file in
*$so*) $nm $nm_so_opt $nm_opt $file 2>/dev/null;;
*) $nm $nm_opt $file 2>/dev/null;;
esac
done >libc.tmp

$echo $n ".$c"
?X:
```

?X: To accelerate processing, we look at the correct 'sed' command

?X: by using a small subset of libc.tmp, i.e. fprintf function.

?X: When we know which sed command to use, do the name extraction

?X:

```
$grep fprintf libc.tmp > libc.ptf
```

?X:

?X: In order to enhance readability and save some space, we define

?X: some variables that will be "eval"ed.

?X:

```
xscan='eval "<libc.ptf $com >libc.list"; $echo $n ".$c" >&4'
```

```
xrun='eval "<libc.tmp $com >libc.list"; echo "done." >&4'
```

?X:

BSD-like output, I and W types added for Linux

?X: Some versions of Linux include a leading __IO in the symbol name.

?X: HP-UX 10 reportedly has trailing spaces, though I'm surprised it has

?X: BSD-like output. (AD).

?X: GNU extension: i is "indirect function"

```
xxx=[ADTSIW]
```

```
if com="$sed -n -e 's/___IO//' -e 's/^. *$xxx */p';\
```

```
eval $xscan;\
```

```
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
```

```
eval $xrun
```

?X: SYSV-like output

```
elif com="$sed -n -e 's/___ */' -e 's/^\([a-zA-Z_0-9]*\).*xtern.*\1/p';\
```

```
eval $xscan;\
```

```
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
```

```
eval $xrun
```

```
elif com="$sed -n -e '/|UNDEF/d' -e '/FUNC..GL/s/^. *|___ */p';\
```

```
eval $xscan;\
```

```
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
```

```
eval $xrun
```

```
elif com="$sed -n -e 's/^. *D ___ */p' -e 's/^. *D //p';\
```

```
eval $xscan;\
```

```
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
```

```
eval $xrun
```

```
elif com="$sed -n -e 's/___/' -e 's/^\([a-zA-Z_0-9]*\).*xtern.*text.*\1/p';\
```

```
eval $xscan;\
```

```
$contains '^fprintf$'
```

```
libc.list >/dev/null 2>&1; then
```

```
eval $xrun
```

```
elif com="$sed -n -e 's/^. *|FUNC |GLOB .*|/p';\
```

```
eval $xscan;\
```

```
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
```

```
eval $xrun
```

```
elif com="$grep '|' | $sed -n -e '/|COMMON/d' -e '/|DATA/d' \
```

```
-e '/file/d' -e 's/^\([ ]*\).*\1/p';\
```

```
eval $xscan;\
```

```
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
```

```

eval $xrun
elif com="$sed -n -e 's/^.*|FUNC |GLOB .*/p' -e 's/^.*|FUNC |WEAK .*/p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
?X: mips nm output (sysV)
elif com="$sed -n -e 's/^__/' -e '/|Undef/d' -e '/|Proc/s/ .*/p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$sed -n -e 's/^.*|Proc .*[Text *| */p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$sed -n -e '/Def. Text/s/.* \([^\ ]*\)\$/1/p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
?X: OS/2
nm output
elif com="$sed -n -e 's/^-0-9a-f ]*_\(.*)=.*/1/p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
elif com="$sed -n -e 's/.*\.text n\ \ \ \./p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
?X: AIX nm output
elif com="sed -n -e 's/^__.*/' -e 's/[ \ ]*D[ \ ]*[0-9]*.*//p'";\
eval $xscan;\
$contains '^fprintf$' libc.list >/dev/null 2>&1; then
eval $xrun
else
$nm -p $* 2>/dev/null >libc.tmp
$grep fprintf libc.tmp > libc.ptf
if com="$sed -n -e 's/^.* [ADTSIW] *[_.]*/p' -e 's/^.* [ADTSIW] //p'";\
eval $xscan; $contains '^fprintf$' libc.list >/dev/null 2>&1
then
nm_opt='-p'
eval $xrun
else
echo " "
echo "$nm didn't seem to work right. Trying $ar instead..." >&4
com="
if $ar t $libc > libc.tmp && \
$contains '^fprintf$' libc.tmp >/dev/null 2>&1
then

```

```

for thisname in $libnames $libc; do
  $ar t $thisname >>libc.tmp
done
$sed -e "s/\$_o\$//" < libc.tmp > libc.list
echo
"Ok." >&4
elif test "X$osname" = "Xos2" && $ar tv $libc > libc.tmp; then
?X: Repeat libc to extract forwarders to DLL entries too
  for thisname in $libnames $libc; do
    $ar tv $thisname >>libc.tmp
?X: Revision 50 of EMX has bug in ar: it will not extract forwarders
?X: to DLL entries. Use emximp which will extract exactly them.
    emximp -o tmp.imp $thisname \
      2>/dev/null && \
      $sed -e 's/^\([_a-zA-Z0-9]*\) .*$/1/p' \
      < tmp.imp >>libc.tmp
    $rm -f tmp.imp
  done
  $sed -e "s/\$_o\$//" -e 's/^\|+/' < libc.tmp > libc.list
  echo "Ok." >&4
else
  echo "$ar didn't seem to work right." >&4
  echo "Maybe this is a Cray...trying bld instead..." >&4
  if bld t $libc | \
    $sed -e 's/.*/' -e "s/\$_o:.*\$//" > libc.list &&
    $test -s libc.list
  then
    for thisname in $libnames; do
      bld t $libnames | \
        $sed -e 's/.*/' -e "s/\$_o:.*\$//" >>libc.list
      $ar t $thisname >>libc.tmp
    done
    echo "Ok." >&4
  else
    echo
    "That didn't work either. Giving up." >&4
    exit 1
  fi
fi
fi
fi
nm_extract="$com"
case "$PASE" in
define)
  echo " "
  echo "Since you are compiling for PASE, extracting more symbols from libc.a ..." >&4
  dump -Tv /lib/libc.a | awk '$7 == "/unix" {print $5 " " $8}' | grep "^SV" | awk '{print $2}' >> libc.list
  ;;

```

```

*) if $test -f /lib/syscalls.exp; then
echo " "
echo "Also extracting names from /lib/syscalls.exp for good ole AIX..." >&4
$sed -n 's/^\([^ ]*\)[ ]*syscall[0-9]*[ ]*$\1/p' \
/lib/syscalls.exp >>libc.list
fi
;;
esac
;;
esac
$rm -f libnames libpath

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/libc.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setegid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setegid.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:07 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setegid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setegid:
?S: This variable conditionally defines the HAS_SETEGID symbol, which
?S: indicates to the C program that the setegid() routine is available
?S: to change the effective gid of the current program.
?S:.
?C:HAS_SETEGID (SETEGID):
?C: This symbol, if defined, indicates that the setegid
routine is available
?C: to change the effective gid of the current program.
?C:.
?H:#$d_setegid HAS_SETEGID /**/
?H:.
?LINT:set d_setegid
: see if setegid exists
set setegid d_setegid

```

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setegid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sysman.U,v 3.0.1.2 1994/06/20 07:08:43 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: sysman.U,v \$

?RCS: Revision 3.0.1.2 1994/06/20 07:08:43 ram

?RCS: patch30: now explicitly states that /usr/man/man1 is the default

?RCS: patch30: added /usr/local/man/man1 to the search list

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 16:13:50 ram

?RCS: patch10: added support for /local/man/man1 (WAD)

?RCS: patch10: added temporary syspath variable to cut down on line length

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:55 ram

?RCS: Baseline for dist 3.0 worldwide

release.

?RCS:

?MAKE:sysman: test Loc Oldconfig

?MAKE: -pick add \$@ %<

?S:sysman:

?S: This variable holds the place where the manual is located on this

?S: system. It is not the place where the user wants to put his manual

?S: pages. Rather it is the place where Configure may look to find manual

?S: for unix commands (section 1 of the manual usually). See mansrc.

?S:.

?T:syspath

: determine where manual pages are on this system

echo " "

case "\$sysman" in

)

syspath='/usr/share/man/man1 /usr/man/man1'

syspath="\$syspath /usr/man/mann /usr/man/man1 /usr/man/local/man1"

syspath="\$syspath /usr/man/u_man/man1"

syspath="\$syspath /usr/catman/u_man/man1 /usr/man/l_man/man1"

syspath="\$syspath /usr/local/man/u_man/man1 /usr/local/man/l_man/man1"

```

syspath="$syspath /usr/man/man.L /local/man/man1 /usr/local/man/man1"
sysman=`./loc . /usr/man/man1 $syspath`
;;
esac
if $test -d "$sysman"; then
echo "System manual is in $sysman." >&4
else
echo "Could not find manual pages in source form."
>&4
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/sysman.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: cc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cc.U,v $
?RCS: Revision 3.0.1.4 1995/05/12 12:06:47 ram
?RCS: patch54: may now abort Configure when cc does not work
?RCS:
?RCS: Revision 3.0.1.3 1995/01/11 15:20:11 ram
?RCS: patch45: changed gcc checking message to a more explicit one (WED)
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:04:29 ram
?RCS: patch36: detect gcc even when not called as 'gcc' (ADO)
?RCS: patch36: simplified gcc version checking (ADO)
?RCS: patch36: added ?F: line for metalint
file checking
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:26:06 ram
?RCS: patch23: added support for gcc version (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:30 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:cc: Myread Oldconfig Checkcc test
?MAKE: -pick add $@ %<
?S:cc:

```


?S: This variable holds the name of a command to execute a C compiler which

?S: can resolve multiple global references that happen to have the same

?S: name. Usual values are 'cc' and 'gcc'.

?S: Ferrent ANSI compilers may be called 'c89'. AIX has xlc.

?S:.

?F:!cc.cbu

?D:cc='cc'

: Determine the C compiler to be used

```
echo " "
```

```
case "$cc" in
```

```
) dflt=cc;;
```

```
*) dflt="$cc";;
```

```
esac
```

```
rp="Use which C compiler?"
```

```
./myread
```

```
cc="$ans"
```

: See whether they have no cc but they do have gcc

```
./trygcc
```

?X: Look for a hint-file generated 'call-back-unit'. Now that the

?X: user has specified the compiler, we may need to set or change some

?X: other defaults.

```
if $test -f cc.cbu; then
```

```
./cc.cbu
```

```
fi
```

```
./checkcc
```

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cc.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_sysconf.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_sysconf.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:15:57 ram

?RCS: patch36: created by ADO

?RCS:
?MAKE:d_sysconf: Inlibc
?MAKE: -pick add \$@ %<
?S:d_sysconf:
?S: This variable conditionally defines the HAS_SYSCONF symbol, which
?S: indicates to the C program that the sysconf() routine is available
?S: to determine system related limits and options.
?S:.
?C:HAS_SYSCONF:
?C: This
symbol, if defined, indicates that sysconf() is available
?C: to determine system related limits and options.
?C:.
?H:#\$d_sysconf HAS_SYSCONF /**/
?H:.
?LINT:set d_sysconf
: see if sysconf exists
set sysconf d_sysconf
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sysconf.U

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2014-2014, Karl Williamson & H.Merijn Brand
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_wcsxfrm: Compile cat rm_try run Oldconfig Setvar
?MAKE: -pick add \$@ %<
?S:d_wcsxfrm:
?S: This variable conditionally defines the HAS_WCSXFRM symbol if the
?S: wcsxfrm() routine is available and can be used to compare wide
?S: character strings.
?S:.
?C:HAS_WCSXFRM:
?C: This symbol, if defined, indicates that the wcsxfrm routine is
?C: available to tranform a wide character string for wcsmp().
?C:.
?H:#\$d_wcsxfrm HAS_WCSXFRM /**/
?H:.
?F:!try
?LINT: set d_wcsxfrm

```

: look for wcsxfrm
echo " "
$cat >try.c <<'EOCP'
#include
<errno.h>
#include <wchar.h>
int main ()
{
    wchar_t dst[4], *src = L" ";
    errno = 0;
    return (wcsxfrm (dst, src, 1) ? errno ? errno : 0 : 1);
}
EOCP
set try
?X: if $cc $ccflags $ldflags -o try try.c $libs >/dev/null 2>&1 ; then
val="$undef"
if eval $compile; then
    `$run ./try`
    case "$?" in
    0) echo "A working wcsxfrm() found." >&4
        val="$define" ;;
    *) echo "wcsxfrm() found, but it doesn't work" >&4
        ;;
    esac
else
    echo "wcsxfrm() NOT found." >&4
fi
set d_wcsxfrm
eval $setvar
$rm_try

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_wcsxfrm.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_seteuid.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_seteuid.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:07:08 ram
```

?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setuid: Inlibc
?MAKE: -pick add \$@ %<
?S:d_setuid:
?S: This variable conditionally defines the HAS_SETEUID symbol, which
?S: indicates to the C program that the seteuid() routine is available
?S: to change the effective uid of the current program.
?S:.
?C:HAS_SETEUID (SETEUID):
?C: This symbol, if defined, indicates that the seteuid
routine is available
?C: to change the effective uid of the current program.
?C:.
?H:#\$d_setuid HAS_SETEUID /**/
?H:.
?LINT:set d_setuid
: see if seteuid exists
set seteuid d_setuid
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setuid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_preadv.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_preadv.U,v \$
?RCS:
?MAKE:d_preadv: Inlibc
?MAKE: -pick add \$@ %<
?S:d_preadv:
?S: This variable conditionally defines the HAS_PREADV symbol, which
?S: indicates to the C program that the preadv() routine is available.
?S:.
?C:HAS_PREADV :
?C: This symbol, if defined, indicates that the preadv routine is
?C: available to perform vectored reads on a file descriptor at a
?C: given offset.

```
?C:.
?H:#$d_preadv HAS_PREADV /**/
?H:.
?LINT:set d_preadv
:
  see if preadv exists
set preadv d_preadv
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_preadv.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_gethent.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_gethent: Inlibc
?MAKE: -pick add $@ %<
?S:d_gethent:
?S: This variable conditionally defines HAS_GETHOSTENT if gethostent() is
?S: available to dup file descriptors.
?S:.
?C:HAS_GETHOSTENT (GETHOSTENT):
?C: This symbol, if defined, indicates that the gethostent routine is
?C: available to lookup host names in some data base or other.
?C:.
?H:#$d_gethent HAS_GETHOSTENT /**/
?H:.
?LINT:set
  d_gethent
: see if gethostent exists
set gethostent d_gethent
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/dist/U/d_gethent.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_mkfifo.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_mkfifo.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:14:17 ram
?RCS: patch36: created by ADO
?RCS:
?RCS:
?MAKE:d_mkfifo: Inlibc
?MAKE: -pick add $@ %<
?S:d_mkfifo:
?S: This variable conditionally defines the HAS_MKFIFO symbol, which
?S: indicates to the C program that the mkfifo() routine is available.
?S:.
?C:HAS_MKFIFO :
?C: This symbol, if defined, indicates that the mkfifo
routine is
?C: available to create FIFOs. Otherwise, mknod should be able to
?C: do it for you. However, if mkfifo is there, mknod might require
?C: super-user privileges which mkfifo will not.
?C:.
?H:#$d_mkfifo HAS_MKFIFO /**/
?H:.
?LINT:set d_mkfifo
: see if mkfifo exists
set mkfifo d_mkfifo
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mkfifo.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: libpth.U,v \$
?RCS: Revision 3.0.1.6 1997/02/28 16:08:49 ram
?RCS: patch61: new loclibpth variable
?RCS:
?RCS: Revision 3.0.1.5 1995/01/11 15:31:30 ram
?RCS: patch45: call ./mips instead of just mips (WED)
?RCS:
?RCS: Revision 3.0.1.4 1994/08/29 16:29:15 ram
?RCS: patch32: added /lib/pa1.1 for HP-UX specially tuned PA-RISC libs (ADO)
?RCS: patch32: fixed information message, making it clearer (ADO)
?RCS:
?RCS: Revision 3.0.1.3 1994/06/20 07:03:54 ram
?RCS: patch30: added /usr/shlib to
glibpth for shared-only libraries
?RCS:
?RCS: Revision 3.0.1.2 1994/05/13 15:26:57 ram
?RCS: patch27: fixed a typo (libpth -> glibpth)
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 15:07:53 ram
?RCS: patch23: now asks for library directories to be searched (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:02 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit initializes the path for C library lookup.
?X:
?MAKE:libpth glibpth xlibpth plibpth loclibpth: \
usrinc incpath test cat Myread Oldconfig
?MAKE: -pick add \$@ %<
?S:libpth:
?S: This variable holds the general path (space-separated) used to find
?S: libraries. It is intended to be used by other units.
?S:.
?S:glibpth:
?S: This variable holds the general path (space-separated) used to
?S: find libraries. It may contain directories that do not exist on
?S: this platform, libpth is the cleaned-up version.
?S:.
?S:xlibpth:
?S: This variable holds extra path (space-separated) used to find

?S: libraries on this platform,
for example CPU-specific libraries

?S: (on multi-CPU platforms) may be listed here.

?S:.

?S:loclibpth:

?S: This variable holds the paths (space-separated) used to find local
?S: libraries. It is prepended to libpth, and is intended to be easily
?S: set from the command line.

?S:.

?S:plibpth:

?S: Holds the private path used by Configure to find out the libraries.
?S: Its value is prepend to libpth. This variable takes care of special
?S: machines, like the mips. Usually, it should be empty.

?S:.

?T: xxx dlist

?LINT:use usrinc

?INIT:: change the next line if compiling for Xenix/286 on Xenix/386

?INIT:xlibpth='/usr/lib/386 /lib/386'

?INIT:: Possible local library directories to search.

?INIT:loclibpth="/usr/local/lib /opt/local/lib /usr/gnu/lib"

?INIT:loclibpth="\$loclibpth /opt/gnu/lib /usr/GNU/lib /opt/GNU/lib"

?INIT:

?INIT:: general looking path for locating libraries

?INIT:glibpth="/lib /usr/lib \$xlibpth"

?INIT:glibpth="\$glibpth /usr/ccs/lib /usr/ucblib /usr/local/lib"

?X: /shlib

is for Digital Unix 4.0

?X: /usr/shlib is for OSF/1 systems.

?INIT:test -f /usr/shlib/libc.so && glibpth="/usr/shlib \$glibpth"

?INIT:test -f /shlib/libc.so && glibpth="/shlib \$glibpth"

?INIT:

?INIT:: Private path used by Configure to find libraries. Its value
?INIT:: is prepended to libpth. This variable takes care of special
?INIT:: machines, like the mips. Usually, it should be empty.

?INIT:plibpth="

?INIT:

: Set private lib path

case "\$plibpth" in

*) if ./mips; then

?X: on mips, we DO NOT want /lib, and we want \$incpath/usr/lib

plibpth="\$incpath/usr/lib /usr/local/lib /usr/ccs/lib"

fi;;

esac

case "\$libpth" in

*) dlist="";;

*) dlist="\$loclibpth \$plibpth \$glibpth";;

*) dlist="\$libpth";;

esac

: Now check and see which directories actually exist, avoiding duplicates

```
libpth="
for xxx in $dlist
do
  if $test -d $xxx; then
  case "$libpth" in
  *" $xxx "*) ;;
  *) libpth="$libpth $xxx";;
  esac
  fi
done
$cat <<'EOM'
```

Some systems have incompatible or broken versions of libraries. Among the directories listed in the question below, please remove any you know not to be holding relevant libraries, and add any that are needed. Say "none" for none.

```
EOM
case "$libpth" in
") dflt='none';;
*)
?X: strip leading space
set X $libpth
shift
dflt=${1+"$@"}
;;
esac
rp="Directories to use for library searches?"
./myread
case "$ans" in
none) libpth=' ';;
*) libpth="$ans";;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libpth.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_systypes.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_systypes.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:41 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: Look wether <sys/types.h> needs to be included.

?X:

?MAKE:i_systypes: Inhdr

?MAKE: -pick add \$@ %<

?S:i_systypes:

?S: This variable conditionally defines the I_SYS_TYPES symbol,

?S: and indicates whether a C program should include <sys/types.h>.

?S:.

?C:I_SYS_TYPES (I_SYSTYPES):

?C: This symbol, if defined, indicates to the C program
that it should

?C: include <sys/types.h>.

?C:.

?H:#\$i_systypes I_SYS_TYPES /**/

?H:.

?LINT:set i_systypes

: see if sys/types.h has to be included

set sys/types.h i_systypes

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/i_systypes.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sunmath.U,v \$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_sunmath: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_sunmath:

?S: This variable conditionally defines the I_SUNMATH symbol, and indicates

?S: whether a C program should include <sunmath.h>.

?S:.

?C:I_SUNMATH:

?C: This symbol, if defined, indicates that <sunmath.h> exists and

?C: should be included.

?C:.

?H:#\$i_sunmath I_SUNMATH /**/

?H:.

?LINT:set i_sunmath

: see if this is a sunmath.h system

set sunmath.h i_sunmath

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sunmath.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_setlocale_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_setlocale_r setlocale_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_locale extern_C

?MAKE: -pick add \$@ %<

?S:d_setlocale_r:

?S: This variable conditionally defines the HAS_SETLOCALE_R symbol,

?S: which indicates to the C program that the setlocale_r()

?S: routine is available.

?S:.

?S:setlocale_r_proto:

?S: This variable encodes the prototype of setlocale_r.

?S: It is zero if d_setlocale_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setlocale_r

?S: is defined.

?S:.

?C:HAS_SETLOCALE_R:

?C: This symbol, if defined, indicates that the setlocale_r routine

?C: is

available to setlocale re-entrantly.

?C:.

?C:SETLOCALE_R_PROTO:

?C: This symbol encodes the prototype of setlocale_r.

?C: It is zero if d_setlocale_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setlocale_r

?C: is defined.

?C:.

```

?H:#$d_setlocale_r HAS_SETLOCALE_R /**/
?H:#define SETLOCALE_R_PROTO $setlocale_r_proto /**/
?H:.
?T:try hdrs d_setlocale_r_proto
: see if setlocale_r exists
set setlocale_r d_setlocale_r
eval $inlibc
case "$d_setlocale_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_locale locale.h"
case "$d_setlocale_r_proto:$usethreads" in
":define") d_setlocale_r_proto=define
set d_setlocale_r_proto setlocale_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_setlocale_r_proto" in
define)
case "$setlocale_r_proto" in
"|0) try='int setlocale_r(int, const char*, char*, int);'
./prochck "$extern_C $try" $hdrs && setlocale_r_proto=I_ICBI ;;
esac
case "$setlocale_r_proto" in
"|0) d_setlocale_r=undef
setlocale_r_proto=0
echo
"Disabling setlocale_r, cannot determine prototype." >&4 ;;
* ) case "$setlocale_r_proto" in
REENTRANT_PROTO*) ;;
*) setlocale_r_proto="REENTRANT_PROTO_$setlocale_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "setlocale_r has no prototype, not using it." >&4 ;;
esac
d_setlocale_r=undef
setlocale_r_proto=0
;;
esac
;;
*) setlocale_r_proto=0
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/threads/d_setlocale_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_memory.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_memory.U,v \$

?RCS: Revision 3.0.1.3 1994/06/20 07:01:55 ram

?RCS: patch30: cosmetic changes

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:23:56 ram

?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:02:25 ram

?RCS: patch23: avoid conflicts with <string.h>

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:22 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:i_memory: Inhdr strings cppstdin

cppflags cppminus contains rm Setvar

?MAKE: -pick add \$@ %<

?S:i_memory:

?S: This variable conditionally defines the I_MEMORY symbol, and indicates

?S: whether a C program should include <memory.h>.

?S:.

?C:I_MEMORY:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <memory.h>.

?C:.

?H:#\$i_memory I_MEMORY /**/

?H:.

?LINT:set i_memory

?X:

?X: Unfortunately, the definitions of memory functions sometimes

?X: conflict with those in <string.h>. We'll assume that if

?X: <string.h> contains memcpy, then we don't need memory.h

?X:

: see if memory.h is available.

val="

set memory.h val

```
eval $inhdr
```

```
: See if it conflicts with string.h
```

```
case "$sval" in
$define)
case "$strings" in
") ;;
*)
$cpptestin $cpptestflags $cpptestminus < $strings > mem.h
if $contains 'memcpy' mem.h >/dev/null 2>&1; then
echo " "
echo "We won't be including <memory.h>."
val="$sundef"
fi
$rm -f mem.h
;;
esac
esac
set i_memory
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_memory.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_fcntl_can_lock.U,v$
```

```
?RCS:
```

```
?RCS: Copyright (c) 2000, Andrew Dougherty
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?RCS: $Log: d_fcntl_can_lock.U,v $
```

```
?RCS:
```

```
?MAKE:d_fcntl_can_lock: d_fcntl Compile Setvar cat rm_try run signal_t i_stdlib
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_fcntl_can_lock:
```

```
?S: This variable conditionally defines the FCNTL_CAN_LOCK symbol
```

```
?S: and indicates whether file locking with fcntl() works.
```

```
?S:.
```

```
?C:FCNTL_CAN_LOCK:
```

```
?C: This symbol, if defined, indicates that fcntl() can be used
```

```
?C: for file locking. Normally on Unix systems this is defined.
```

```
?C: It may be undefined on VMS.
```

```
?C:.
```

```
?H:#$d_fcntl_can_lock FCNTL_CAN_LOCK /**/
```

```
?H:.
```

```

?F:!try
?LINT: set d_fcctl_can_lock
?X: fcctl may not be fully functional. As of November 2000, on VMS and
?X: DOS/DJGPP, fcctl-based locking doesn't work.
?X: Thanks
to Craig A. Berry <craig.berry@psinetcs.com> for this test.
: See if fcctl-based locking works.
echo " "
$cat >try.c <<EOCP
#i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <unistd.h>
#include <fcctl.h>
#include <signal.h>
$signal_t blech(int x) { exit(3); }
int main() {
#if defined(F_SETLK) && defined(F_SETLKW)
    struct flock flock;
    int retval, fd;
    fd = open("try.c", O_RDONLY);
    flock.l_type = F_RDLCK;
    flock.l_whence = SEEK_SET;
    flock.l_start = flock.l_len = 0;
    signal(SIGALRM, blech);
    alarm(10);
    retval = fcctl(fd, F_SETLK, &flock);
    close(fd);
    (retval < 0 ? exit(2) : exit(0));
#else
    exit(2);
#endif
}
EOCP
echo "Checking if fcctl-based file locking works... "
case "$d_fcctl" in
"$define")
set try
if eval $compile_ok; then
if $run ./try; then
echo "Yes, it seems to work."
val="$define"
else
echo "Nope, it didn't work."
val="$undef"
case "$?" in
3) $cat >&4 <<EOM

```

```
***
*** I had to
forcibly timeout from fcntl(..., F_SETLK, ...).
*** This is (almost) impossible.
*** If your NFS lock daemons are not feeling well, something like
*** this may happen, please investigate. Cannot continue, aborting.
***
```

EOM

```
    exit 1
    ;;
    esac
fi
else
    echo "I'm unable to compile the test program, so I'll assume not."
    val="$undef"
fi
;;
*) val="$undef";
    echo "Nope, since you don't even have fcntl()."
    ;;
esac
set d_fcntl_can_lock
eval $setvar
$rm_try
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fcntl_can_lock.U
```

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```
?RCS: $Id: i_neterno.U,v 3.0.1.3 1994/10/29 16:20:29 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: i_neterno.U,v $
?RCS: Revision 3.0.1.3 1994/10/29 16:20:29 ram
?RCS: patch36: forgot to initialize 'val' to an empty value (ADO)
?RCS:
?RCS: Revision 3.0.1.2 1994/08/29 16:22:10 ram
?RCS: patch32: removed spurious echo
```



```

?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 07:02:05 ram
?RCS: patch30: created by ADO
?RCS:
?MAKE:i_neterrno: Inhdr +cc +ccflags rm_try Setvar
?MAKE: -pick
add $@ %<
?S:i_neterrno:
?S: This variable conditionally defines the I_NET_ERRNO symbol, which
?S: indicates to the C program that <net/errno.h> exists and should
?S: be included.
?S:.
?C:I_NET_ERRNO:
?C: This symbol, if defined, indicates that <net/errno.h> exists and
?C: should be included.
?C:.
?H:#$i_neterrno I_NET_ERRNO /**/
?H:.
?LINT:set i_neterrno
: see if net/errno.h is available
val="
set net/errno.h val
eval $inhdr

```

: Unfortunately, it causes problems on some systems. Arrgh.

```

case "$val" in
$define)
cat > try.c <<'EOM'
#include <stdio.h>
#include <errno.h>
#include <net/errno.h>
int func()
{
return ENOTSOCK;
}
EOM
if $cc $ccflags -c try.c >/dev/null 2>&1; then
echo "We'll be including <net/errno.h>." >&4
else
echo "We won't be including <net/errno.h>." >&4
val="$undef"
fi
$rm_try
;;
esac
set i_neterrno
eval $setvar

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_neterrno.U

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_snprintf d_vsnprintf : Inlibc Compile cat run rm_try

?MAKE: -pick add \$@ %<

?S:d_snprintf:

?S: This variable conditionally defines the HAS_SNPRINTF symbol, which

?S: indicates to the C program that the snprintf () library function

?S: is available.

?S:.

?S:d_vsnprintf:

?S: This variable conditionally defines the HAS_VSNPRINTF symbol, which

?S: indicates to the C program that the vsnprintf () library function

?S: is available.

?S:.

?C:HAS_SNPRINTF:

?C: This symbol, if defined, indicates that the snprintf () library

?C: function

is available for use.

?C:.

?C:HAS_VSNPRINTF:

?C: This symbol, if defined, indicates that the vsnprintf () library

?C: function is available for use.

?C:.

?H:#\$d_snprintf HAS_SNPRINTF /**/

?H:#\$d_vsnprintf HAS_VSNPRINTF /**/

?H:.

?F:!try

: see if snprintf exists

set snprintf d_snprintf

eval \$inlibc

: see if vsnprintf exists

set vsnprintf d_vsnprintf

eval \$inlibc

case "\$d_snprintf-\$d_vsnprintf" in

"\$define-\$define")

```
$cat <<EOM
```

Checking whether your snprintf() and vsnprintf() work okay...

```
EOM
```

```
$cat >try.c <<'EOCP'
```

```
/* v?snprintf testing logic courtesy of Russ Allbery.
```

```
* According to C99:
```

```
* - if the buffer is too short it still must be \0-terminated
```

```
* - if the buffer is too short the potentially required length
```

```
* must be returned and not -1
```

```
* - if the buffer is NULL the potentially required length
```

```
* must be returned and not -1 or core dump
```

```
*/
```

```
#include <stdio.h>
```

```
#include <stdarg.h>
```

```
char buf[2];
```

```
int test (char *format, ...)
```

```
{
```

```
    va_list args;
```

```
    int count;
```

```
    va_start
```

```
(args, format);
```

```
    count = vsnprintf (buf, sizeof buf, format, args);
```

```
    va_end (args);
```

```
    return count;
```

```
}
```

```
int main ()
```

```
{
```

```
    return ((test ("%s", "abcd") == 4 && buf[0] == 'a' && buf[1] == '\0'  
              && snprintf (NULL, 0, "%s", "abcd") == 4) ? 0 : 1);
```

```
}
```

```
EOCP
```

```
set try
```

```
if eval $compile; then
```

```
`$run ./try`
```

```
case "$?" in
```

```
0) echo "Your snprintf() and vsnprintf() seem to be working okay." ;;
```

```
*) cat <<EOM >&4
```

Your snprintf() and vsnprintf() don't seem to be working okay.

```
EOM
```

```
    d_snprintf="$undef"
```

```
    d_vsnprintf="$undef"
```

```
;;
```

```
esac
```

```
else
```

```
echo "(I can't seem to compile the test program--assuming they don't)"
d_snprintf="$undef"
d_vsnprintf="$undef"
fi
$rm_try
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_snprintf.U
```

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?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_attribut.U,v \$

?RCS: Revision 3.0.1.3 1995/01/30 14:33:45 ram

?RCS: patch49: test C program now includes <stdio.h> (WED)

?RCS:

?RCS: Revision 3.0.1.2 1995/01/11 15:25:47 ram

?RCS: patch45: fixed typo in the d_attribut variable (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:08:55 ram

?RCS: patch36: created by ADO

?RCS:

?MAKE:d_attribut: Myread Oldconfig cat cc cflags rm Setvar contains

?MAKE: -pick add \$@ %<

?S:d_attribut

(d_attrib):

?S: This variable conditionally defines HASATTRIBUTE, which

?S: indicates the C compiler can check for function attributes,

?S: such as printf formats.

?S:.

?C:HASATTRIBUTE ~ %< (GNUC_ATTRIBUTE_CHECK):

?C: This symbol indicates the C compiler can check for function attributes,

?C: such as printf formats. This is normally only supported by GNU cc.

?C:.

?H:%<:#\$d_attribut HASATTRIBUTE /**/

```

?H:?%<:#ifndef HASATTRIBUTE
?H:?%<:#define __attribute__( _arg_ )
?H:?%<:#endif
?H:.
?W:?%<: __attribute__
?LINT:set d_attribut
?LINT:known __attribute__
: Look for GNU-cc style attribute checking
echo " "
echo "Checking whether your compiler can handle __attribute__ ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
void croak (char* pat,...) __attribute__((format(printf,1,2),noreturn));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
if $contains 'warning' attrib.out >/dev/null 2>&1; then
echo "Your C compiler doesn't fully support __attribute__."
val="$undef"
else
echo
"Your C compiler supports __attribute__."
val="$define"
fi
else
echo "Your C compiler doesn't seem to understand __attribute__ at all."
val="$undef"
fi
set d_attribut
eval $setvar
$rm -f attrib*

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_attribut.U

```

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```

?RCS: $Id: i_math.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:

```

```

?RCS: $Log: i_math.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:21:59 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:i_math: Inhdr
?MAKE: -pick add $@ %<
?X: Are there really systems that *DON'T* have math.h?
?S:i_math:
?S: This variable conditionally defines the I_MATH symbol, and indicates
?S: whether a C program may include <math.h>.
?S:.
?C:I_MATH:
?C: This symbol, if defined, indicates
to the C program that it should
?C: include <math.h>.
?C:.
?H:#$i_math I_MATH /**/
?H:.
?LINT:set i_math
: see if this is a math.h system
set math.h i_math
eval $inhdr

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/i_math.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_systimeb.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_systimeb.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:37 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit looks wether <sys/timeb.h> should be included
?X: or not when using ftime() (for struct timeb definition).
?X:
?X: Force looking for <sys/time.h> for struct timeb.
?X:INC: i_systime

```

```

?MAKE:i_systimeb: test contains Loc Setvar Findhdr
?MAKE: -pick add $@ %<
?S:i_systimeb:
?S: This variable conditionally defines I_SYS_TIMEB,
  which indicates
?S: to the C program that it should include <sys/timeb.h>.
?S:.
?C:I_SYS_TIMEB (I_SYSTIMEB):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/timeb.h>, in order to define struct timeb (some systems
?C: define this in <sys/time.h>). This is useful when using ftime().
?C: You should include <sys/time.h> if I_SYS_TIMEB is not defined,
?C: nor is I_SYS_TIME.
?C:.
?H:#$i_systimeb I_SYS_TIMEB /**/
?H:.
?T:xxx
?LINT:set i_systimeb
: see where struct timeb is defined
echo " "
xxx=`./findhdr sys/timeb.h`
if $test "$xxx"; then
if $contains 'struct timeb' $xxx >/dev/null 2>&1; then
  val="$define"
  echo "You have struct timeb defined in <sys/timeb.h>." >&4
else
  val="$undef"
  echo "Assuming struct timeb is defined in <sys/time.h>." >&4
fi
else
  val="$undef"
echo "No <sys/timeb.h> -- Assuming struct timeb is defined in <sys/time.h>." >&4
fi
set i_systimeb
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/i_systimeb.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_usendir.U 1 2006-08-24 12:32:52Z rmanfredi $

```

```

?RCS:

```

```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

```

```

?RCS:

```

```

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_usendir.U,v \$
?RCS: Revision 3.0.1.1 1997/02/28 15:47:34 ram
?RCS: patch61: replaced .a with \$_a all over the place
?RCS: patch61: likewise for .o replaced by \$_o
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:52 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_usendir i_ndir ndirlib: test Setvar Findhdr d_readdir _a
?MAKE: -pick add \$@ %<
?S:d_usendir:
?S: This variable conditionally defines the EMULATE_NDIR symbol, which
?S: indicates
to the C program that it should compile the ndir.c code
?S: provided with the package.
?S:.
?S:i_ndir (d_libndir):
?S: This variable conditionally defines the I_NDIR symbol, which
?S: indicates to the C program that it should include the system's
?S: version of ndir.h, rather than the one with this package.
?S:.
?S:ndirlib:
?S: The name of the library to include at linking stage to resolve ndir
?S: symbols. It is up to the makefile to use this value.
?S:.
?C:EMULATE_NDIR (USENDIR):
?C: This symbol, if defined, indicates that the program should compile
?C: the ndir.c code provided with the package.
?C:.
?C:I_NDIR (LIBNDIR):
?C: This symbol, if defined, indicates that the program should include the
?C: system's version of ndir.h, rather than the one with this package.
?C:.
?H:#\$d_usendir EMULATE_NDIR /**/
?H:#\$i_ndir I_NDIR /**/
?H:.
?T:val2
?LINT: set d_usendir i_ndir
: see if there are directory access routines out there
echo " "
if \$test `./findhdr ndir.h` && \
(\$test -r /usr/lib/libndir\$_a
|| \$test -r /usr/local/lib/libndir\$_a); then
echo "Ndir library found." >&4
if \$test -r /usr/lib/libndir\$_a; then


```

ndirlib='-lndir'
else
ndirlib="/usr/local/lib/libndir$_a"
fi
val2="$define"
val="$undef"
else
ndirlib=""
val2="$undef"
case "$d_readdir" in
"$define")
echo "No ndir library found, but you have readdir() so we'll use that." >&4
val="$undef";
;;
*)
echo "No ndir library found." >&4
val="$define"
;;
esac
fi
set d_usendir
eval $setvar
val="$val2"
set i_ndir
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_usendir.U

```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_logb: Inlibc

?MAKE: -pick add \$@ %<

?S:d_logb:

?S: This variable conditionally defines the HAS_LOGB symbol, which

?S: indicates to the C program that the logb() routine is available

?S: to extract the exponent of x.

?S:.

?C:HAS_LOGB:

?C: This symbol, if defined, indicates that the logb routine is

?C: available to do the logb function.

?C:.

?H:#\$d_logb HAS_LOGB /**/

?H:.

?LINT:set d_logb

```
: see if logb exists
set logb d_logb
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_logb.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_socks.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:i_socks: Inhdr Hasfield
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_socks:
```

```
?S: This variable conditionally defines the I_SOCKS symbol, and indicates
```

```
?S: whether a C program should include <socks.h>.
```

```
?S:.
```

```
?C:I_SOCKS:
```

```
?C: This symbol, if defined, indicates that <socks.h> exists and
```

```
?C: should be included.
```

```
?C:.
```

```
?H:#$i_socks I_SOCKS /**/
```

```
?H:.
```

```
?LINT:set i_socks
```

```
: see if this is a socks.h system
```

```
set socks.h i_socks
```

```
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_socks.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Warn.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```

?RCS: $Log: Extract.U,v $
?X:
?X: This unit produces a shell script which can be run in order to emit
?X: an important warning to the user, which will be remembered and shown
?X: at the end of the Configure run as well.
?X:
?X: A typical use would be:
?X:
?X: ./warn <<EOM
?X: Problem with your C compiler: can't turn debugging on.
?X: EOM
?X:
?X: or:
?X:
?X: ./warn "Problem with your C compiler: can't turn debugging on."
?X:
?X: Which will both display to the user:
?X:
?X: ***
WARNING:
?X: *** Problem with your C compiler: can't turn debugging on.
?X: ***
?X:
?MAKE:Warn: startsh eunicefix
?MAKE: -pick add $@ %<
?F:./warn
: script used to emit important warnings
cat >warn <<EOS
$startsh
?X: Read the whole warning message from stdin into a temporary file
?X: when no argument was supplied.
if test $# -gt 0; then
echo "\$@" >msg
else
cat >msg
fi
?X: Emit the warning, prefixing all lines with '*** '
echo "*** WARNING:" >&4
sed -e 's/^/*** //' <msg >&4
echo "*** " >&4
?X: Save the warning in the logs, which will be shown again at the end
cat msg >>config.msg
echo " " >>config.msg
rm -f msg
EOS
chmod +x warn
$eunicefix warn

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Warn.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_erfc: Inlibc

?MAKE: -pick add \$@ %<

?S:d_erfc:

?S: This variable conditionally defines the HAS_ERFC symbol, which

?S: indicates to the C program that the erfc() routine is available.

?S:.

?C:HAS_ERFC:

?C: This symbol, if defined, indicates that the erfc routine is

?C: available to do the complementary error function.

?C:.

?H:#\$d_erfc HAS_ERFC /**/

?H:.

?LINT:set d_erfc

: see if erfc exists

set erfc d_erfc

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_erfc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_poll.U 15 2006-08-30 18:21:51Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_poll.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:38:17 ram

?RCS: patch61: mention that <poll.h> can be included if HAS_POLL defined

?RCS:

?RCS: Revision 3.0.1.1 1995/01/11 15:26:31 ram

?RCS: patch45: created

?RCS:

?MAKE:d_poll: Inlibc

```
?MAKE: -pick add $@ %<
?S:d_poll:
?S: This variable conditionally defines the HAS_POLL symbol, which
?S: indicates to the C program that the poll() routine is available
?S: to poll active file descriptors.
?S:.
?C:HAS_POLL
:
?C: This symbol, if defined, indicates that the poll routine is
?C: available to poll active file descriptors. Please check I_POLL and
?C: I_SYS_POLL to know which header should be included as well.
?C:.
?H:#$d_poll HAS_POLL /**/
?H:.
?LINT:set d_poll
: see if poll exists
set poll d_poll
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_poll.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strtok.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strtok.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:38 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: The strtok routine now appears to be a standard one, but it was
?X: missing in early BSD systems.
?X:
?MAKE:d_strtok: Inlibc
?MAKE: -pick add $@ %<
?S:d_strtok:
?S: This variable conditionally defines HAS_STRTok if strtok() is
?S: available to scan strings for tokens.
?S:.
```

?C:HAS_STRTOK (STRTOK):
?C: This symbol, if defined, indicates
that the strtok routine is
?C: available to scan strings for tokens.
?C:.
?H:#\$d_strtok HAS_STRTOK /**/
?H:.
?LINT:set d_strtok
: see if strtok exists
set strtok d_strtok
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strtok.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getmntent: Inlibc
?MAKE: -pick add \$@ %<
?S:d_getmntent:
?S: This variable conditionally defines the HAS_GETMNTENT symbol, which
?S: indicates to the C program that the getmntent() routine is available
?S: to iterate through mounted files to get their mount info.
?S:.
?C:HAS_GETMNTENT:
?C: This symbol, if defined, indicates that the getmntent routine is
?C: available to iterate through mounted file systems to get their info.
?C:.
?H:#\$d_getmntent HAS_GETMNTENT /**/
?H:.
?LINT:set d_getmntent
: see if getmntent exists
set getmntent d_getmntent
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getmntent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

```

?RCS:
?RCS: Copyright (c) 1998, Jarkko Hietaniemi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:selectminbits: Compile cat rm_try Oldconfig d_select \
i_time i_systime i_systimek i_sysselet selecttype d_socket \
byteorder Myread Setvar run i_stdlib ptrsize
?MAKE: -pick add $@ %<
?S:selectminbits:
?S: This variable holds the minimum number of bits operated by select.
?S: That is, if you do select(n, ...), how many bits at least will be
?S: cleared in the masks if some activity is detected. Usually this
?S: is either n or 32*ceil(n/32), especially many little-endians do
?S: the latter. This is only useful if
you have select(), naturally.
?S:.
?C:SELECT_MIN_BITS:
?C: This symbol holds the minimum number of bits operated by select.
?C: That is, if you do select(n, ...), how many bits at least will be
?C: cleared in the masks if some activity is detected. Usually this
?C: is either n or 32*ceil(n/32), especially many little-endians do
?C: the latter. This is only useful if you have select(), naturally.
?C:.
?H:#define SELECT_MIN_BITS $selectminbits /**/
?H:.
?T:bits
?T:safebits
?F:!try
: check for the select 'width'
case "$selectminbits" in
") safebits=`expr $ptrsize \* 8`
case "$d_select" in
$define)
$cat <<EOM

```

Checking to see on how many bits at a time your select() operates...

```

EOM
$cat >try.c <<EOCP
#include <sys/types.h>
#$i_time I_TIME
#$i_systime I_SYS_TIME
#$i_systimek I_SYS_TIME_KERNEL
#ifdef I_TIME

```

```

# include <time.h>
#endif
#ifdef I_SYS_TIME
# ifdef I_SYS_TIME_KERNEL
# define KERNEL
# endif
# include <sys/time.h>
# ifdef I_SYS_TIME_KERNEL
# undef KERNEL
# endif
#endif
#$i_sysselect
I_SYS_SELECT
#ifdef I_SYS_SELECT
#include <sys/select.h>
#endif
#$d_socket HAS_SOCKET
#ifdef HAS_SOCKET
# include <sys/socket.h> /* Might include <sys/bsdtypes.h> */
#endif
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
$selecttype b;
#define S sizeof(*(b))
#define MINBITS 64
#define NBYTES (S * 8 > MINBITS ? S : MINBITS/8)
#define NBITS (NBYTES * 8)
int main() {
    char *s = (char *)malloc(NBYTES);
    struct timeval t;
    int i;
    FILE* fp;
    int fd;

    if (!s)
    exit(1);
    fclose(stdin);
    fp = fopen("try.c", "r");
    if (fp == 0)
        exit(2);
    fd = fileno(fp);
    if (fd < 0)
        exit(3);
    b = ($selecttype)s;
    for (i = 0; i < NBITS; i++)

```



```

FD_SET(i, b);
t.tv_sec = 0;
t.tv_usec = 0;
select(fd + 1, b, 0, 0, &t);
for (i = NBITS - 1; i > fd && FD_ISSET(i, b); i--);
free(s);
printf("%d\n", i + 1);
return 0;
}

```

EOCP

```

set try
if eval $compile_ok; then
selectminbits=`$run
./try 2>/dev/null`
case "$selectminbits" in
") cat >&4 <<EOM

```

Cannot figure out on how many bits at a time your select() operates.

I'll play safe and guess it is \$safebits bits.

EOM

```

selectminbits=$safebits
bits="$safebits bits"
;;
1) bits="1 bit" ;;
*) bits="$selectminbits bits" ;;
esac
echo "Your select() operates on $bits at a time." >&4
else
rp='What is the minimum number of bits your select() operates on?'
case "$byteorder" in
12345678) dflt=64 ;;
1234) dflt=32 ;;
*) dflt=1 ;;
esac
./myread
val=$ans
selectminbits="$val"
fi
$rm_try
;;
*) : no select, so pick a harmless default
selectminbits=$safebits
;;
esac
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/selectminbits.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fpos64_t: \
  Inlibc Setvar Compile rm_try cat fpossize
?MAKE: -pick add $@ %<
?S:d_fpos64_t:
?S: This symbol will be defined if the C compiler supports fpos64_t.
?S:.
?C:HAS_FPOS64_T:
?C: This symbol will be defined if the C compiler supports fpos64_t.
?C:.
?H:#$d_fpos64_t HAS_FPOS64_T /**/
?H:.
?LINT:set d_fpos64_t
: check for fpos64_t
echo " "
echo "Checking to see if you have fpos64_t..." >&4
$cat >try.c <<EOCP
#include <stdio.h>
int main() { fpos64_t x = 7; }
EOCP
set try
if eval $compile; then
  val="$define"
  echo "You have fpos64_t."
else
  val="$undef"
  echo "You do not have fpos64_t."
  case "$fpossize" in
  8) echo "(Your fpos_t is 64 bits, so you could use that.)" ;;
  esac
fi
$rm_try
set
  d_fpos64_t
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/d_fpos64_t.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_wifstat.U,v 3.0.1.3 1997/02/28 15:47:43 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_wifstat.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:47:43 ram
?RCS: patch61: added a ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.2 1995/07/25 14:09:10 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.1 1995/03/21 08:47:46 ram
?RCS: patch52: created
?RCS:
?MAKE:d_wifstat: Compile d_uwait Oldconfig cat rm
?MAKE: -pick add $@ %<
?S:d_wifstat:
?S: This symbol conditionally defines USE_WIFSTAT
if the C program can
?S: safely use the WIFxxx macros with the kind of wait() parameter
?S: declared in the program (see UNION_WAIT), or if it can't. Should
?S: only matter on HP-UX, where the macros are incorrectly written and
?S: therefore cause programs using them with an 'union wait' variable
?S: to not compile properly.
?S:.
?C:USE_WIFSTAT:
?C: This symbol, if defined, indicates to the C program that the argument
?C: for the WIFxxx set of macros such as WIFSIGNALED or WIFEXITED can
?C: be of the same kind as the one used to hold the wait() status. Should
?C: only matter on HP-UX, where the macros are incorrectly written and
?C: therefore cause programs using them with an 'union wait' variable
?C: to not compile properly. See also UNION_WAIT.
?C:.
?H:#$d_wifstat USE_WIFSTAT /**/
?H:.
?T:type
?F:!foo
: see if we can use WIFxxx macros
echo " "
case "$d_wifstat" in
```

```

"$define") echo "As before, you can safely use WIFEXITED and friends!" >&4;;
"$undef") echo "You still can't use WIFEXITED
and friends!" >&4;;
*)
echo "Let's see whether you can use the WIFEXITED(status) macro and its"
case "$d_uwait" in
"$define") type='union wait';
*) type='int';;
esac
echo "friends with status declared as '$type status'..."
$cat >foo.c <<EOCP
#include <sys/types.h>
#include <sys/wait.h>

int main()
{
$type status;
int e = 0;

#ifdef WIFEXITED
if (WIFEXITED(status))
printf("\n");
exit(0);
#else
exit(2);
#endif
}
EOCP
d_wifstat="$undef"
set foo
if eval $compile; then
if ./foo >/dev/null; then
echo "Great! Looks like we can use the WIFxxx macros." >&4
d_wifstat="$define"
else
echo "You don't seem to have WIFxxx macros, but that's ok." >&4
fi
else
echo "Apparently you can't use WIFxxx macros properly." >&4
fi
$rm -f foo.* foo core
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_wifstat.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sitebin.U,v \$

?RCS:

?RCS: Copyright (c) 1999 Andy Dougherty

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: sitebin.U,v \$

?RCS:

?MAKE:sitebin sitebinexp installsitebin : Getfile Oldconfig \
Setprefixvar siteprefix

Setprefixvar siteprefix

?MAKE: -pick add \$@ %<

?Y:TOP

?D:sitebin="

?S:sitebin:

?S: This variable holds the name of the directory in which the user wants

?S: to put add-on publicly executable files for the package in question. It

?S: is most often a local directory such as /usr/local/bin. Programs using

?S: this variable must be prepared to deal with ~name substitution.

?S: The standard distribution will put nothing

in this directory.

?S: After perl has been installed, users may install their own local

?S: executables in this directory with

?S: MakeMaker Makefile.PL

?S: or equivalent. See INSTALL for details.

?S:.

?D:sitebinexp="

?S:sitebinexp:

?S: This is the same as the sitebin variable, but is filename expanded at

?S: configuration time, for use in your makefiles.

?S:.

?D:installsitebin="

?S:installsitebin:

?S: This variable is usually the same as sitebinexp, unless you are on

?S: a system running AFS, in which case they may differ slightly. You

?S: should always use this variable within your makefiles for portability.

?S:.

?LINT:change prefixvar

?LINT:set installsitebin

?LINT:set sitebin

?LINT:set sitebinexp

: determine where add-on public executables go

case "\$sitebin" in

```

") dflt=$siteprefix/bin ;;
*) dflt=$sitebin ;;
esac
fn=d~
rp='Pathname where the add-on public executables should be installed?'
./getfile
prefixvar=sitebin
./setprefixvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitebin.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_db.U,v 3.0.1.3 1995/07/25 14:10:22 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
```

```
?RCS:
```

```
?RCS: $Log: i_db.U,v $
```

```
?RCS: Revision 3.0.1.3 1995/07/25 14:10:22 ram
```

```
?RCS: patch56: conditionally use const in test programs (ADO)
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.2 1995/05/12 12:14:42 ram
```

```
?RCS: patch54: extended for more intimate DB probing (ADO)
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1994/08/29 16:21:50 ram
```

```
?RCS: patch32: created by ADO
```

```
?RCS:
```

```
?MAKE:i_db db_hashtype db_prefixtype \
```

```
db_version_major
```

```
db_version_minor db_version_patch : \
```

```
Inhdr +cc +ccflags rm_try contains cat \
```

```
Compile libs sed run i_stdlib
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_db:
```

```
?S: This variable conditionally defines the I_DB symbol, and indicates
```

```
?S: whether a C program may include Berkeley's DB include file <db.h>.
```

```
?S:.
```

```
?S:db_hashtype:
```

```
?S: This variable contains the type of the hash structure element
```

?S: in the <db.h> header file. In older versions of DB, it was
?S: int, while in newer ones it is u_int32_t.
?S:.
?S:db_prefixtype:
?S: This variable contains the type of the prefix structure element
?S: in the <db.h> header file. In older versions of DB, it was
?S: int, while in newer ones it is size_t.
?S:.
?S:db_version_major:
?S: This variable contains the major version number of
?S: Berkeley DB found in the <db.h> header file.
?S:.
?S:db_version_minor:
?S: This variable contains the minor version number of
?S: Berkeley DB found in the <db.h> header file.
?S: For DB version 1 this is always 0.
?S:.
?S:db_version_patch:
?S: This
variable contains the patch version number of
?S: Berkeley DB found in the <db.h> header file.
?S: For DB version 1 this is always 0.
?S:.
?C:I_DB:
?C: This symbol, if defined, indicates to the C program that it should
?C: include Berkeley's DB include file <db.h>.
?C:.
?C:DB_Prefix_t:
?C: This symbol contains the type of the prefix structure element
?C: in the <db.h> header file. In older versions of DB, it was
?C: int, while in newer ones it is u_int32_t.
?C:.
?C:DB_Hash_t:
?C: This symbol contains the type of the prefix structure element
?C: in the <db.h> header file. In older versions of DB, it was
?C: int, while in newer ones it is size_t.
?C:.
?C:DB_VERSION_MAJOR_CFG:
?C: This symbol, if defined, defines the major version number of
?C: Berkeley DB found in the <db.h> header when Perl was configured.
?C:.
?C:DB_VERSION_MINOR_CFG:
?C: This symbol, if defined, defines the minor version number of
?C: Berkeley DB found in the <db.h> header when Perl was configured.
?C: For
DB version 1 this is always 0.
?C:.
?C:DB_VERSION_PATCH_CFG:

?C: This symbol, if defined, defines the patch version number of
?C: Berkeley DB found in the <db.h> header when Perl was configured.
?C: For DB version 1 this is always 0.
?C:.
?H:#\$i_db I_DB /**/
?H:#define DB_Hash_t \$db_hashtype /**/
?H:#define DB_Prefix_t \$db_prefixtype /**/
?H:#define DB_VERSION_MAJOR_CFG \$db_version_major /**/
?H:#define DB_VERSION_MINOR_CFG \$db_version_minor /**/
?H:#define DB_VERSION_PATCH_CFG \$db_version_patch /**/
?H:.
?F:!try
?LINT:change libs
: see if this is a db.h system
set db.h i_db
eval \$inhdr

```

case "$i_db" in
$define)
: Check db version.
echo " "
echo "Checking Berkeley DB version ..." >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <db.h>
int main(int argc, char *argv[])
{
#ifdef DB_VERSION_MAJOR /* DB version >= 2 */
int Major, Minor, Patch ;
unsigned long Version ;
(void)db_version(&Major,
&Minor, &Patch) ;
if (argc == 2) {
printf("%d %d %d %d %d %d\n",
DB_VERSION_MAJOR, DB_VERSION_MINOR, DB_VERSION_PATCH,
Major, Minor, Patch);
exit(0);
}
printf("You have Berkeley DB Version 2 or greater.\n");

printf("db.h is from Berkeley DB Version %d.%d.%d\n",
DB_VERSION_MAJOR, DB_VERSION_MINOR, DB_VERSION_PATCH);
printf("libdb is from Berkeley DB Version %d.%d.%d\n",

```



```

Major, Minor, Patch) ;

/* check that db.h & libdb are compatible */
if (DB_VERSION_MAJOR != Major || DB_VERSION_MINOR != Minor || DB_VERSION_PATCH != Patch) {
printf("db.h and libdb are incompatible.\n") ;
    exit(3);
}

printf("db.h and libdb are compatible.\n") ;

Version = DB_VERSION_MAJOR * 1000000 + DB_VERSION_MINOR * 1000
+ DB_VERSION_PATCH ;

/* needs to be >= 2.3.4 */
if (Version < 2003004) {
/* if (DB_VERSION_MAJOR == 2 && DB_VERSION_MINOR == 0 && DB_VERSION_PATCH < 5) { */
printf("Perl needs
Berkeley DB 2.3.4 or greater.\n") ;
    exit(2);
}

exit(0);
#else
#if defined(_DB_H_) && defined(BTREEMAGIC) && defined(HASHMAGIC)
if (argc == 2) {
    printf("1 0 0\n");
    exit(0);
}
printf("You have Berkeley DB Version 1.\n");
exit(0); /* DB version < 2: the coast is clear. */
#else
exit(1); /* <db.h> not Berkeley DB? */
#endif
#endif
}
EOCP
set try
if eval $compile_ok && $run ./try; then
echo 'Looks OK.' >&4
set ` $run ./try 1 `
db_version_major=$1
db_version_minor=$2
db_version_patch=$3
else
echo "I can't use Berkeley DB with your <db.h>. I'll disable Berkeley DB." >&4
i_db=$undef
case " $libs " in
*" -ldb "*" )

```

```

: Remove db from list of libraries to use
echo "Removing unusable -ldb from library list" >&4
set `echo X $libs | $sed -e 's/-ldb //' -e 's/-ldb$/'^
shift
libs="$*"
echo "libs = $libs" >&4
;;
esac
fi
$rm_try
;;
esac

@if DB_Hash_t
case "$i_db" in
define)
: Check the return type needed
for hash
echo " "
echo "Checking return type needed for hash for Berkeley DB ..." >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#include <db.h>

#ifdef DB_VERSION_MAJOR
u_int32_t hash_cb (const void* ptr, size_t size)
{
return 0;
}
HASHINFO info;
int main()
{
info.hash = hash_cb;
}
#endif
EOCP
if $cc $cflags -c try.c >try.out 2>&1 ; then
if $contains warning try.out >>/dev/null 2>&1 ; then
db_hashtype='int'
else
db_hashtype='u_int32_t'
fi
else
: XXX Maybe we should just give up here.
db_hashtype=u_int32_t
$cat try.out >&4
echo "Help: I can't seem to compile the db test program." >&4
echo "Something's wrong, but I'll assume you use $db_hashtype." >&4

```

```

fi
$rm_try
echo "Your version of Berkeley DB uses $db_hashtype for hash."
;;
*) db_hashtype=u_int32_t
;;
esac
@end
@if DB_Prefix_t
case "$i_db" in
define)
: Check the return type needed for prefix
echo " "
echo "Checking return type needed for prefix for Berkeley DB ..." >&4
cat >try.c <<EOCP
#include
<sys/types.h>
#include <db.h>

#ifndef DB_VERSION_MAJOR
size_t prefix_cb (const DBT *key1, const DBT *key2)
{
return 0;
}
BTREEINFO info;
int main()
{
info.prefix = prefix_cb;
}
#endif
EOCP
if $cc $ccflags -c try.c >try.out 2>&1 ; then
if $contains warning try.out >>/dev/null 2>&1 ; then
db_prefixtype='int'
else
db_prefixtype='size_t'
fi
else
db_prefixtype='size_t'
: XXX Maybe we should just give up here.
$cat try.out >&4
echo "Help: I can't seem to compile the db test program." >&4
echo "Something's wrong, but I'll assume you use $db_prefixtype." >&4
fi
$rm_try
echo "Your version of Berkeley DB uses $db_prefixtype for prefix."
;;
*) db_prefixtype='size_t'

```

```
;;
esac
@end
```

Found in path(s):

```
*/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_db.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vendorarch.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999, Andy Dougherty
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

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```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: vendorarch.U,v $
```

```
?RCS: Revision 1.1 1999/07/08 18:32:57 doughera
```

```
?RCS: Initial revision
```

```
?RCS:
```

```
?MAKE:d_vendorarch vendorarch vendorarchexp installvendorarch: sed Getfile \
```

```
Setprefixvar Oldconfig Prefixit archname vendorlib vendorprefix test
```

```
?MAKE: -pick add $@ %<
```

```
?Y:TOP
```

```
?S:vendorarch:
```

```
?S: This variable contains the value of the PERL_VENDORARCH symbol.
```

```
?S: It may have a ~ on the front.
```

```
?S: The standard distribution will put nothing in this directory.
```

```
?S: Vendors
```

```
who distribute perl may wish to place their own
```

```
?S: architecture-dependent modules and extensions in this directory with
```

```
?S: MakeMaker Makefile.PL INSTALLDIRS=vendor
```

```
?S: or equivalent. See INSTALL for details.
```

```
?S:.
```

```
?S:vendorarchexp:
```

```
?S: This variable is the ~name expanded version of vendorarch, so that you
```

```
?S: may use it directly in Makefiles or shell scripts.
```

```
?S:.
```

```
?D:installvendorarch="
```

```
?S:installvendorarch:
```

```
?S: This variable is really the same as vendorarchexp but may differ on
```

```
?S: those systems using AFS. For extra portability, only this variable
```

```
?S: should be used in makefiles.
```

```
?S:.
```

```
?S:d_vendorarch:
```

?S: This variable conditionally defined PERL_VENDORARCH.

?S:.

?C:PERL_VENDORARCH:

?C: If defined, this symbol contains the name of a private library.

?C: The library is private in the sense that it needn't be in anyone's

?C: execution path, but it should be accessible by the world.

?C: It may have a ~ on the front.

?C: The standard distribution will put nothing in this directory.

?C: Vendors who distribute perl may wish to place their own

?C: architecture-dependent modules and extensions in this directory with

?C: MakeMaker Makefile.PL INSTALLDIRS=vendor

?C: or equivalent. See INSTALL for details.

?C:.

?C:PERL_VENDORARCH_EXP:

?C: This symbol contains the ~name expanded version of PERL_VENDORARCH, to be used

?C: in programs that are not prepared to deal with ~ expansion at run-time.

?C:.

?H:#\$d_vendorarch PERL_VENDORARCH "\$vendorarch" /**/

?H:#\$d_vendorarch PERL_VENDORARCH_EXP "\$vendorarchexp" /**/

?H:.

?LINT:change prefixvar

?LINT:set installvendorarch

: Set the vendorarch variables

case "\$vendorprefix" in

) d_vendorarch="\$undef"

vendorarch="

vendorarchexp="

;;

*) d_vendorarch="\$define"

: determine where vendor-supplied architecture-dependent libraries go.

: vendorlib default is /usr/local/lib/perl5/vendor_perl/\$version

: vendorarch default is /usr/local/lib/perl5/vendor_perl/\$version/\$archname

: vendorlib may have an optional trailing

/share.

case "\$vendorarch" in

) dflt=`echo \$vendorlib | \$sed 's,/share\$,,'`

dflt="\$dflt/\$archname"

;;

*) dflt="\$vendorarch" ;;

esac

fn=d~+

rp='Pathname for vendor-supplied architecture-dependent files?'

. ./getfile

vendorarch="\$ans"

vendorarchexp="\$ansexp"

;;

esac

```
prefixvar=vendorarch
./installprefix
if $test X"$vendorarch" = X"$vendorlib"; then
  d_vendorarch="$undef"
else
  d_vendorarch="$define"
fi
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorarch.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: i_neterrno.U,v \$

?RCS: Revision 3.0.1.3 1994/10/29 16:20:29 ram

?RCS: patch36: forgot to initialize 'val' to an empty value (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1994/08/29 16:22:10 ram

?RCS: patch32: removed spurious echo

?RCS:

?RCS: Revision 3.0.1.1 1994/06/20 07:02:05 ram

?RCS: patch30: created by ADO

?RCS:

?MAKE:i_neterrno: Inhdr +cc +ccflags rm_try Setvar

?MAKE: -pick add \$@ %<

?S:i_neterrno:

?S: This variable

conditionally defines the I_NET_ERRNO symbol, which

?S: indicates to the C program that <net/errno.h> exists and should

?S: be included.

?S:.

?C:I_NET_ERRNO:

?C: This symbol, if defined, indicates that <net/errno.h> exists and

?C: should be included.

?C:.

?H:#\$i_neterrno I_NET_ERRNO /**/

```

?H:
?LINT:set i_netermno
: see if net/errno.h is available
val="
set net/errno.h val
eval $inhdr

: Unfortunately, it causes problems on some systems. Arrgh.
case "$sval" in
$define)
cat > try.c <<'EOM'
#include <stdio.h>
#include <errno.h>
#include <net/errno.h>
int func()
{
return ENOTSOCK;
}
EOM
if $cc $ccflags -c try.c >/dev/null 2>&1; then
echo "We'll be including <net/errno.h>." >&4
else
echo "We won't be including <net/errno.h>." >&4
val="$undef"
fi
$rm_try
;;
esac
set i_netermno
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_netermno.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_getgrnam_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getgrnam_r getgrnam_r_proto: Inlibc Protochk Hasproto i_systypes \
usethreads i_grp extern_C
?MAKE:-pick add $@ %<
?S:d_getgrnam_r:

```

?S: This variable conditionally defines the HAS_GETGRNAM_R symbol,
 ?S: which indicates to the C program that the getgrnam_r()
 ?S: routine is available.
 ?S:.
 ?S:getgrnam_r_proto:
 ?S: This variable encodes the prototype of getgrnam_r.
 ?S: It is zero if d_getgrnam_r is undef, and one of the
 ?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrnam_r
 ?S: is defined.
 ?S:.
 ?C:HAS_GETGRNAM_R:
 ?C: This symbol, if defined, indicates that the getgrnam_r routine
 ?C: is available to
 getgrnam re-entrantly.
 ?C:.
 ?C:GETGRNAM_R_PROTO:
 ?C: This symbol encodes the prototype of getgrnam_r.
 ?C: It is zero if d_getgrnam_r is undef, and one of the
 ?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrnam_r
 ?C: is defined.
 ?C:.
 ?H:#\$d_getgrnam_r HAS_GETGRNAM_R /**/
 ?H:#define GETGRNAM_R_PROTO \$getgrnam_r_proto /**/
 ?H:.
 ?T:try hdrs d_getgrnam_r_proto
 : see if getgrnam_r exists
 set getgrnam_r d_getgrnam_r
 eval \$inlibc
 case "\$d_getgrnam_r" in
 "\$define")
 hdrs="\$i_systypes sys/types.h define stdio.h \$i_grp grp.h"
 case "\$d_getgrnam_r_proto:\$usetthreads" in
 ":define") d_getgrnam_r_proto=define
 set d_getgrnam_r_proto getgrnam_r \$hdrs
 eval \$hasproto ;;
 *) ;;
 esac
 case "\$d_getgrnam_r_proto" in
 define)
 case "\$getgrnam_r_proto" in
 "|0) try='int getgrnam_r(const char*, struct group*, char*, size_t, struct group**);'
 ./protochk "\$extern_C \$try" \$hdrs && getgrnam_r_proto=I_CSBWR ;;
 esac
 case "\$getgrnam_r_proto" in
 "|0) try='int getgrnam_r(const char*, struct group*, char*,
 int, struct group**);'
 ./protochk "\$extern_C \$try" \$hdrs && getgrnam_r_proto=I_CSBIR ;;
 esac


```

case "$getgrnam_r_proto" in
"|0) try='struct group* getgrnam_r(const char*, char*, int);'
./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=S_CBI ;;
esac
case "$getgrnam_r_proto" in
"|0) try='int getgrnam_r(const char*, struct group*, char*, int);'
./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=I_CSBI ;;
esac
case "$getgrnam_r_proto" in
"|0) try='struct group* getgrnam_r(const char*, struct group*, char*, int);'
./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=S_CSBI ;;
esac
case "$getgrnam_r_proto" in
"|0) d_getgrnam_r=undef
getgrnam_r_proto=0
echo "Disabling getgrnam_r, cannot determine prototype." >&4 ;;
*) case "$getgrnam_r_proto" in
REENTRANT_PROTO*) ;;
*) getgrnam_r_proto="REENTRANT_PROTO_$getgrnam_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susetthreads" in
define) echo "getgrnam_r has no prototype, not using it."
>&4 ;;
esac
d_getgrnam_r=undef
getgrnam_r_proto=0
;;
esac
;;
*) getgrnam_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getgrnam_r.U
```

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?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: Loc.U,v \$
?RCS: Revision 3.0.1.10 1997/02/28 15:04:16 ram
?RCS: patch61: allow users to specify paths on the command line
?RCS: patch61: will now substitute cp for ln if not supported
?RCS:
?RCS: Revision 3.0.1.9 1995/09/25 09:11:24 ram
?RCS: patch59: commented the purpose of the #un-def directive
?RCS: patch59: abort Configure run when mandatory command is missing
?RCS:
?RCS: Revision 3.0.1.8 1995/07/25 13:40:40 ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.7
1995/01/11 15:13:37 ram
?RCS: patch45: protected "sh -c" within backquotes for Linux and SGI
?RCS: patch45: added path lookup for the 'comm' program
?RCS:
?RCS: Revision 3.0.1.6 1994/10/29 15:56:14 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: be careful and guard against wildcard searching (ADO)
?RCS:
?RCS: Revision 3.0.1.5 1994/06/20 06:54:55 ram
?RCS: patch30: now locates find
?RCS:
?RCS: Revision 3.0.1.4 1994/05/13 15:18:15 ram
?RCS: patch27: added byacc to the trylist (ADO)
?RCS: patch27: lint lines reformatted (ADO)
?RCS:
?RCS: Revision 3.0.1.3 1994/01/24 14:01:44 ram
?RCS: patch16: added metalint hint on changed PATH variable
?RCS:
?RCS: Revision 3.0.1.2 1993/12/15 08:16:52 ram
?RCS: patch15: now set _test variable when test is built-in
?RCS: patch15: fixed rare cases where echo is not needed
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 15:47:13 ram
?RCS: patch10: test program not always in /bin/test (WAD)
?RCS:
?RCS: Revision
3.0 1993/08/18 12:05:05 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a shell script "loc" which can be used to find out
?X: where in a list of directories something is. It then uses loc to

?X: determine the location of commonly used programs. It leaves loc sitting
?X: around for other Configure units to use, but arranges for its demise
?X: at the end of Configure.
?X:
?X: To add a new program to find, add it both to the ?MAKE: line and to either
?X: the loclist or trylist variable.
?X:
?X: I put startsh at the end of the dependency list, in order to avoid the
?X: loading of the spitshell unit before the instructions.
?X:
?MAKE:Loc awk ar bash bison byacc cat chgrp chmod chown \
comm compress cp cpio cpp csh date echo egrep emacs expr find flex \
gmake gzip grep inews ksh less line lint ln lp lpr ls mail mailx \
make mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
shar sleep smail sort submit tail tar tbl tee test touch tr troff
\
uname uniq uuname vi zcat zip: eunicefix n c startsh Instruct Warn
?MAKE: -pick weed \$@ %<
?LINT:describe awk ar bash bison byacc cat chgrp chmod chown \
comm compress cp cpio cpp csh date echo egrep emacs expr find flex \
gmake gzip grep inews ksh less line lint ln lp lpr ls mail mailx \
make mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
shar sleep smail sort submit tail tar tbl tee test touch tr troff \
uname uniq uuname vi zcat zip
?V::pth loclist trylist
?F:./loc
?T:thisthing thing xxx dir file say DJGPP
?T:_test _grep _cp _gmake _egrep _ln _make dflt
?LINT: change PATH
: find out where common programs are
echo " "
echo "Locating common programs..." >&4
cat <<EOESC >loc
\$startsh
case \$# in
0) exit 1;;
esac
thing=\${1
shift
dflt=\${1
shift
for dir in \\${*}; do
case "\\$thing" in
.)
if test -d \\$dir/\\$thing; then
echo \\$dir
exit 0
fi

```
::  
*)
```

?X: Be careful in case thing includes wildcards that might expand to multiple
?X: files. Choose the last one.

This happens when searching for shared

?X: libraries with version numbers. How to choose which one we want is

?X: probably an insoluble problem, in general.

?X: Some folks leave things like libc.so.orig around w/o read

?X: permission. A -r test would handle that, but since ./loc is

?X: also used to find executables (which are installed w/o read

?X: permission on SCO ODT 3.0, we can't include the -r test.

```
for thisthing in `ls -ld $dir/$thing`; do
```

```
  : just loop through to pick last item
```

```
done
```

```
if test -f $thisthing; then
```

```
  echo $thisthing
```

```
  exit 0
```

```
elif test -f $thisthing$_exe; then
```

```
  echo $thisthing
```

```
  exit 0
```

```
elif test -f $dir/$thing.exe; then
```

```
  if test -n "$DJGPP"; then
```

```
    echo $dir/$thing.exe
```

```
  else
```

```
    : on Eunice apparently
```

```
    echo $dir/$thing
```

```
  fi
```

```
  exit 0
```

```
fi
```

```
::
```

```
esac
```

```
done
```

```
echo `ls -ld $dflt`
```

```
exit 1
```

```
EOSC
```

```
chmod +x loc
```

```
$eunicefix loc
```

```
loclist=""
```

```
?awk:awk
```

```
?cat:cat
```

```
?chgrp:chgrp
```

```
?chmod:chmod
```

```
?chown:chown
```

```
?comm:comm
```

```
?cp:cp
```

```
?echo:echo
```

```
?expr:expr
```

```
?find:find
```

?grep:grep
?ls:ls
?mkdir:mkdir
?mv:mv
?rm:rm
?sed:sed
?sleep:sleep
?sort:sort
?tail:tail
?touch:touch
?tr:tr
?uniq:uniq
"
trylist="
?Mcc:Mcc
?ar:ar
?bash:bash
?bison:bison
?byacc:byacc
?compress:compress
?cpio:cpio
?cpp:cpp
?csh:csh
?date:date
?egrep:egrep
?emacs:emacs
?flex:flex
?gmake:gmake
?gzip:gzip
?inews:inews
?ksh:ksh
?less:less
?line:line
?lint:lint
?ln:ln
?lp:lp
?lpr:lpr
?mail:mail
?mailx:mailx
?make:make
?more:more
?nm:nm
?nroff:nroff
?perl:perl
?pg:pg
?pmake:pmake
?pr:pr
?rmail:rmail

```

?sendmail:sendmail
?shar:shar
?smail:smail
?submit:submit
?tar:tar
?tbl:tbl
?tee:tee
?test:test
?troff:troff
?uname:uname
?uuname:uuname
?vi:vi
?zcat:zcat
?zip:zip
"
?LINT:set
awk ar bash bison byacc cat chgrp chmod chown \
comm compress cp cpio cpp csh date echo emacs expr find flex \
gmake gzip grep inews ksh less line lint lp lpr ls mail mailx \
mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
shar sleep smail sort submit tail tar tbl tee touch tr troff \
uname uniq uuname vi zcat zip
pth=`echo $PATH | sed
-e "s/$p_/ /g"`
pth="$pth /lib /usr/lib"
for file in $loclist; do
?X:
?X: Allow them to -Dmake=pmake on the command line for instance...
?X: If the file is not fully qualified, as in -Dmake=pmake, then we
?X: look the for the specified command (pmake here). If they say
?X: -Dmake=/sbin/make for instance, then we make sure the file
?X: exists, or we die...
?X:
eval xxx=\$$file
case "$xxx" in
/*|?:[\\]*)
if test -f "$xxx"; then
: ok
else
./warn "no $xxx -- ignoring your setting for $file."
xxx=`./loc $file $file $pth`
fi
;;
*) xxx=`./loc $file $file $pth`;
*) xxx=`./loc $xxx $xxx $pth`;
esac
eval $file=$xxx$_exe
eval _$file=$xxx

```

```

case "$xxx" in
/*)
    echo $file is in $xxx.
    ;;
?X: Under OS/2, we have PC-like paths
?:[\V]*)
    echo $file is in $xxx.
    ;;
*)
    echo "I don't know where '$file' is, and my life depends on it." >&4
    echo "Go find a public domain implementation or fix your PATH setting!" >&4
    exit 1
    ;;
esac
done
echo " "
echo "Don't worry
if any of the following aren't found..."
say=offhand
for file in $trylist; do
?X: Allow them to -Dmake=pmake on the command line for instance (see above)
eval xxx=\$$file
case "$xxx" in
/*|?:[\V]*)
    if test -f "$xxx"; then
        : ok
    else
        ./warn "no $xxx -- ignoring your setting for $file."
        xxx=`./loc $file $file $pth`
    fi
    ;;
") xxx=`./loc $file $file $pth`;
*) xxx=`./loc $xxx $xxx $pth`;
esac
eval $file=$xxx$_exe
eval _$file=$xxx
case "$xxx" in
/*)
    echo $file is in $xxx.
    ;;
?X: Under OS/2, we have PC-like paths
?:[\V]*)
    echo $file is in $xxx.
    ;;
*)
    echo "I don't see $file out there, $say."
    say=either
    ;;

```

```

esac
done
case "$egrep" in
egrep)
echo "Substituting grep for egrep."
egrep=$grep
_egrep=$_grep
;;
esac
@if ln
case "$ln" in
ln)
echo "Substituting cp for ln."
ln=$cp
_ln=$_cp
;;
esac
@end
@if make || gmake
case "$make" in
make)
case "$gmake" in
gmake)
echo "I can't find make or gmake, and my life depends on it." >&4
echo "Go find a
public domain implementation or fix your PATH setting!" >&4
exit 1
;;
esac
;;
esac
case "$gmake" in
gmake) ;;
*) # We can't have osname yet.
if test -f "/system/gnu_library/bin/ar.pm"; then # Stratus VOS
# Assume that gmake, if found, is definitely GNU make
# and prefer it over the system make.
echo "Substituting gmake for make."
make=$gmake
_make=$_gmake
fi
;;
esac
@end
case "$test" in
test)
echo "Hopefully test is built into your sh."
;;

```



```

*)
if `sh -c "PATH= test true" >/dev/null 2>&1`; then
    echo "Using the test built into your sh."
?X:
?X: We need to set both test and _test, since Oldconfig.U will use the _test
?X: value to systematically restore computed paths, which may be wrong if
?X: we choose to load an old config.sh generated on another platform.
?X:
    test=test
    _test=test
fi
;;
esac
?LINT:change n c
case "$echo" in
echo)
    echo "Hopefully echo is built into your sh."
    ;;
?X: For those rare cases where we don't need $echo...
") ;;
*)
    echo " "
    echo "Checking
compatibility between $echo and builtin echo (if any)..." >&4
$echo $n "hi there$c" >foo1
echo $n "hi there$c" >foo2
if cmp foo1 foo2 >/dev/null 2>&1; then
    echo "They are compatible. In fact, they may be identical."
else
    case "$n" in
'-n') n=" c='\c';;
*) n='-n' c="";;
esac
cat <<FOO
They are not compatible! You are probably running ksh on a non-USG system.
I'll have to use $echo instead of the builtin, since Bourne shell doesn't
have echo built in and we may have to run some Bourne shell scripts. That
means I'll have to use '$n$c' to suppress newlines now. Life is ridiculous.

FOO
$echo $n "The star should be here-->$c"
$echo "*"
fi
$rm -f foo1 foo2
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Loc.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: selecttype.U,v 3.0.1.3 1997/02/28 16:20:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: selecttype.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 16:20:09 ram
?RCS: patch61: always include <sys/select.h> when available for test
?RCS:
?RCS: Revision 3.0.1.2 1995/07/25 14:14:06 ram
?RCS: patch56: removed harmful spaces in assignment
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 07:06:31 ram
?RCS: patch30: created by ADO
?RCS:
?MAKE:selecttype: Protochk Oldconfig Myread cat
\
d_fd_set d_select d_socket i_systime i_sysselect extern_C
?MAKE: -pick add $@ %<
?S:selecttype:
?S: This variable holds the type used for the 2nd, 3rd, and 4th
?S: arguments to select. Usually, this is 'fd_set *', if HAS_FD_SET
?S: is defined, and 'int *' otherwise. This is only useful if you
?S: have select(), naturally.
?S:.
?C:Select_fd_set_t:
?C: This symbol holds the type used for the 2nd, 3rd, and 4th
?C: arguments to select. Usually, this is 'fd_set *', if HAS_FD_SET
?C: is defined, and 'int *' otherwise. This is only useful if you
?C: have select(), of course.
?C:.
?H:#define Select_fd_set_t $selecttype /**/
?H:.
?T:xxx nfd tmo try hdrs val
: check for type of arguments to select.
case "$selecttype" in
") case "$d_select" in
```

```

$define)
echo " "
$cat <<EOM
Checking to see what type of arguments are accepted by select().

```

EOM

```

hdrs="$define sys/types.h
$i_systime sys/time.h
$i_sysselect sys/select.h
$d_socket sys/socket.h"
: The first arg can be int, unsigned,
or size_t
: The last arg may or may not be 'const'
val="
: void pointer has been seen but using that
: breaks the selectminbits test
for xxx in 'fd_set *' 'int *'; do
for nfd in 'int' 'size_t' 'unsigned long' 'unsigned' ; do
for tmo in 'struct timeval *' 'const struct timeval *'; do
case "$val" in
") try="$extern_C select _(($nfd, $xxx, $xxx, $xxx, $tmo));"
if ./protochk "$try" $hdrs; then
echo "Your system accepts $xxx."
val="$xxx"
fi
;;
esac
done
done
done

```

?X: In the unlikely event that none of those worked, prompt the user.

```

case "$val" in
") rp='What is the type for the 2nd, 3rd, and 4th arguments to select?'
case "$d_fd_set" in
$define) dflt="fd_set *" ;;
*) dflt="int *" ;;
esac
. ./myread
val=$ans
;;
esac
selecttype="$val"
;;
*) : no select, so pick a harmless default
selecttype='int *'
;;
esac
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/selecttype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_localeconv_1: Inlibc

?MAKE: -pick add \$@ %<

?S:d_localeconv_1:

?S: This variable conditionally defines the HAS_LOCALECONV_L symbol, which

?S: indicates to the C program that the localeconv_1() routine is available.

?S:.

?C:HAS_LOCALECONV_L:

?C: This symbol, if defined, indicates that the localeconv_1 routine is

?C: available to query certain information about a locale.

?C:.

?H:#\$d_localeconv_1 HAS_LOCALECONV_L /**/

?H:.

?LINT:set d_localeconv_1

: see if localeconv_1 exists

set localeconv_1 d_localeconv_1

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_localeconv_1.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: inc_version_list.U,v \$

?RCS:

?RCS: Copyright (c) 2000 Andy Dougherty

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: inc_version_list.U,v \$

?RCS:

?MAKE:inc_version_list inc_version_list_init d_inc_version_list: cat sed \

```

Getfile perl5 version api_versionstring rm Myread archname \
prefix sitelib_stem exe_ext
?MAKE: -pick add $@ %<
?Y:TOP
?S:inc_version_list:
?S: This variable specifies the list of subdirectories in over
?S: which perl.c:incpush() and lib/lib.pm will automatically
?S: search when adding directories to @INC. The elements in
?S: the list are separated by spaces. This is only useful
?S: if
you have a perl library directory tree structured like the
?S: default one. See INSTALL for how this works. The versioned
?S: site_perl directory was introduced in 5.005, so that is the
?S: lowest possible value.
?S:
?S: This list includes architecture-dependent directories back to
?S: version $api_versionstring (e.g. 5.5.640) and
?S: architecture-independent directories all the way back to
?S: 5.005.
?S:.
?S:inc_version_list_init:
?S: This variable holds the same list as inc_version_list, but
?S: each item is enclosed in double quotes and separated by commas,
?S: suitable for use in the PERL_INC_VERSION_LIST initialization.
?S:.
?S:d_inc_version_list:
?S: This variable conditionally defines PERL_INC_VERSION_LIST.
?S: It is set to undef when PERL_INC_VERSION_LIST is empty.
?S:.
?C:PERL_INC_VERSION_LIST:
?C: This variable specifies the list of subdirectories in over
?C: which perl.c:incpush() and lib/lib.pm will automatically
?C: search when adding directories to @INC, in a format suitable
?C: for
a C initialization string. See the inc_version_list entry
?C: in Porting/Glossary for more details.
?C:.
?H:#$d_inc_version_list PERL_INC_VERSION_LIST $inc_version_list_init /**/
?H:.
?T:stem
: Determine list of previous versions to include in @INC
$cat > getverlist <<EOPL
#!$perl5 -w
use File::Basename;
\ $api_versionstring = "$api_versionstring";
\ $version = "$version";
\ $stem = "$sitelib_stem";
\ $archname = "$archname";

```

EOPL

```
$cat >> getverlist <<'EOPL'  
# The list found is store twice for each entry: the original name, and  
# the binary broken down version as pack "sss", so sorting is easy and  
# unambiguous. This will work for all versions that have a maximum of  
# three digit groups, separate by '.'s or '_'s. Names are extended with  
# ".0.0" to ensure at least three elements for the pack.  
# -- H.Merijn Brand (m)'06 23-10-2006  
  
# Can't have leading @ because metaconfig interprets it as a command!  
;@inc_version_list=();  
# XXX Redo to do opendir/readdir?  
if (-d $stem)  
{  
  chdir($stem);  
  ;@candidates = map {  
    [ $_, pack "sss", split m/[. _]/, "$_.0.0" ] } glob("5.*");  
  ;@candidates = sort { $a->[1] cmp $b->[1]} @candidates;  
}  
else {  
  ;@candidates = ();  
}  
  
($pversion, $saverion, $vs5005) = map {  
  pack "sss", split m/[. _]/, "$_.0.0" } $version, $api_versionstring, "5.005";  
foreach $d (@candidates) {  
  if ($d->[1] lt $pversion) {  
  if ($d->[1] ge $saverion) {  
    unshift(@inc_version_list, grep { -d } $d->[0]."/$archname", $d->[0]);  
  }  
  elsif ($d->[1] ge $vs5005) {  
    unshift(@inc_version_list, grep { -d } $d->[0]);  
  }  
  }  
  else {  
  # Skip newer version. I.e. don't look in  
  # 5.7.0 if we're installing 5.6.1.  
  }  
}  
  
if (@inc_version_list) {  
  print join(' ', @inc_version_list);  
}  
else {  
  # Blank space to preserve value for next Configure run.  
  print " ";  
}  
EOPL
```

```

chmod +x getverlist
case "$inc_version_list" in
*) if test -x "$perl5$exe_ext"; then
    dflt=`$perl5 getverlist`
else
    dflt='none'
fi
;;
$undef) dflt='none'
;;
?X:  Configure -Dinc_version_list='5.6.0/$archname 5.6.0' ...
*) eval dflt="\$inc_version_list" ;;
esac
case "$dflt" in
"|' ') dflt=none ;;
esac
case "$dflt" in
5.005) dflt=none ;;
esac
$cat <<EOM

```

In order to ease the process of upgrading, this version of perl can be configured to use modules built and installed with earlier versions of perl that were installed under \$prefix. Specify here the list of earlier versions that this version of perl should check. If Configure detected no earlier versions of perl installed under \$prefix, then the list will be empty. Answer 'none' to tell perl to not search earlier versions.

The default should almost always be sensible, so if you're not sure, just accept the default.

EOM

```

rp='List of earlier versions to include in @INC?'
./myread
case "$ans" in
[Nn]one|"|" |$undef) inc_version_list=' ' ;;
*) inc_version_list="$ans" ;;
esac
case "$inc_version_list" in
"|' ')
inc_version_list_init='0'
d_inc_version_list="$undef"
;;
*) inc_version_list_init=`echo
$inc_version_list |
$sed -e 's/^"/' -e 's/ /","/g' -e 's/$/"/,0/^
d_inc_version_list="$define"

```

```
;;
esac
$rm -f getverlist
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/inc_version_list.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getnetprotos.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?MAKE:d_getnetprotos : Hasproto i_netdb
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_getnetprotos:
```

```
?S: This variable conditionally defines the HAS_GETNET_PROTOS symbol,
```

```
?S: which indicates to the C program that <netdb.h> supplies
```

```
?S: prototypes for the various getnet*() functions.
```

```
?S: See also netdbtype.U for probing for various netdb types.
```

```
?S:.
```

```
?C:HAS_GETNET_PROTOS:
```

```
?C: This symbol, if defined, indicates that <netdb.h> includes
```

```
?C: prototypes for getnetent(), getnetbyname(), and
```

```
?C: getnetbyaddr(). Otherwise,
```

```
it is up to the program to guess
```

```
?C: them. See netdbtype.U for probing for various Netdb_xxx_t types.
```

```
?C:.
```

```
?H:#$d_getnetprotos HAS_GETNET_PROTOS /**/
```

```
?H:.
```

```
?LINT:set d_getnetprotos
```

```
: see if prototypes for various getnetxxx netdb.h functions are available
```

```
echo " "
```

```
set d_getnetprotos getnetent $i_netdb netdb.h
```

```
eval $hasproto
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_getnetprotos.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_libutil.U,v $
```



```

?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_libutil: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_libutil:
?S: This variable conditionally defines the I_LIBUTIL symbol, and indicates
?S: whether a C program should include <libutil.h>.
?S:.
?C:I_LIBUTIL:
?C: This symbol, if defined, indicates that <libutil.h> exists and
?C: should be included.
?C:.
?H:#$i_libutil I_LIBUTIL /**/
?H:.
?LINT:set i_libutil
: see if this is a libutil.h system
set libutil.h i_libutil
eval $inhdr

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_libutil.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_open3.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:37:12 ram
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.1 1995/07/25 13:58:26 ram
?RCS: patch56: added knowledge of the O_NONBLOCK symbol
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:44 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:

```

```

?MAKE:d_open3: test +cc cat +cppflags h_fcntl h_sysfile rm Setvar Findhdr Warn
?MAKE: -pick add $@ %<
?X: It would be easy to separate the h_O_stuff from this.
?X: Is there a reason
to do so? -- HMS
?S:d_open3:
?S: This variable conditionally defines the HAS_OPEN3 manifest constant,
?S: which indicates to the C program that the 3 argument version of
?S: the open(2) function is available.
?S:.
?C:HAS_OPEN3 (OPEN3):
?C: This manifest constant lets the C program know that the three
?C: argument form of open(2) is available.
?C:.
?H:#$d_open3 HAS_OPEN3 /**/
?H:.
?W:%<:O_RDONLY O_WRONLY O_RDWR O_NDELAY O_APPEND O_SYNC O_CREAT O_TRUNC
?W:%<:O_EXCL O_NONBLOCK
?F!:open3
?LINT:set d_open3
?LINT:change h_fcntl h_sysfile
: Locate the flags for 'open()'
echo " "
$cat >open3.c <<'EOCP'
#include <sys/types.h>
#ifdef I_FCNTL
#include <fcntl.h>
#endif
#ifdef I_SYS_FILE
#include <sys/file.h>
#endif
int main() {
if(O_RDONLY);
#ifdef O_TRUNC
exit(0);
#else
exit(1);
#endif
}
EOCP
: check sys/file.h first to get FREAD on Sun
if $test `./findhdr sys/file.h` && \
$cc $cppflags "-DI_SYS_FILE" -o open3 open3.c >/dev/null 2>&1 ; then
h_sysfile=true;
echo "<sys/file.h> defines the
O_* constants..." >&4
if ./open3; then
echo "and you have the 3 argument form of open()." >&4

```

```

val="$define"
else
echo "but not the 3 argument form of open(). Oh, well." >&4
val="$undef"
fi
elif $test `./findhdr fcntl.h` && \
$cc "-DI_FCNTL" -o open3 open3.c >/dev/null 2>&1 ; then
h_fcntl=true;
echo "<fcntl.h> defines the O_* constants..." >&4
if ./open3; then
echo "and you have the 3 argument form of open()." >&4
val="$define"
else
echo "but not the 3 argument form of open(). Oh, well." >&4
val="$undef"
fi
else
val="$undef"
./warn "I can't find the O_* constant definitions! You got problems."
fi
set d_open3
eval $setvar
$rm -f open3*

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_open3.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_sanemcmp.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:41:19 ram

?RCS: patch61: created

?RCS:

?RCS:

?MAKE:d_sanemcmp: cat d_memcmp +cc +optimize +ccflags +libs +ldflags rm \

i_memory i_stdlib i_string i_unistd Oldconfig Setvar

?MAKE: -pick add \$@ %<

?S:d_sanemcmp:

?S: This variable conditionally defines the HAS_SANE_MEMCMP symbol if

?S: the memcmp() routine is available and can be used to compare relative

?S: magnitudes of chars with their high bits set.

?S:.

?C:HAS_SANE_MEMCMP:

?C: This symbol,

if defined, indicates that the memcmp routine is available

?C: and can be used to compare relative magnitudes of chars with their high

?C: bits set. If it is not defined, roll your own version.

?C:.

?H:#\$d_sanemcmp HAS_SANE_MEMCMP /**/

?H:.

?F:!sanemcmp

?LINT: set d_sanemcmp

: can memcmp be trusted to compare relative magnitude?

?X: assume the worst

val="\$undef"

case "\$d_memcmp" in

"\$define")

echo " "

echo \

"Checking to see if your memcmp() can compare relative magnitude..." >&4

\$cat >foo.c <<EOCP

#\$i_memory I_MEMORY

#\$i_stdlib I_STDLIB

#\$i_string I_STRING

#\$i_unistd I_UNISTD

EOCP

\$cat >>foo.c <<'EOCP'

#include <stdio.h>

#ifdef I_MEMORY

include <memory.h>

#endif

#ifdef I_STDLIB

include <stdlib.h>

#endif

#ifdef I_STRING

include <string.h>

#else

include <strings.h>

#endif

#ifdef I_UNISTD

include <unistd.h> /* Needed for NetBSD */

#endif

int main()

{

char a = -1;

char b = 0;

```

if ((a < b) && memcmp(&a, &b, 1) < 0)
    exit(1);
exit(0);
}
EOCP
if $cc $optimize $ccflags
$ldflags \
    -o sanemcmp foo.c $libs >/dev/null 2>&1; then
if ./sanemcmp 2>/dev/null; then
    echo "Yes, it can."
    val="$define"
else
    echo "No, it can't (it uses signed chars)."

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sanemcmp.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: cpp_trad.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cpp_stuff.U,v $
?MAKE:cpp_trad: cpp cat contains rm
?MAKE: -pick add $@ %<
?S:cpp_trad:
?S: This variable contains the program to run to get traditional C
?S: preprocessor semantics and not ISO C semantics: we want something
?S: that knows as little about C as possible to use as a more general
?S: purpose preprocessor.
?S:.
?F:!foo.c !foo.cpp

```

```

: how do we get traditional cpp semantics?
echo " "
echo "Checking to see how to get traditional cpp semantics..."
>&4
$cat >foo.c <<'EOF'
#define A(x) x
#define B(y) y
A(a)B(b)
EOF
if $cpp foo.c >foo.cpp; $contains ab foo.cpp >/dev/null 2>&1; then
echo "Plain '$cpp' works just fine."
cpp_trad="$cpp"
elif $cpp -traditional foo.c >foo.cpp; \
$contains ab foo.cpp >/dev/null 2>&1; then
echo "We'll use '$cpp -traditional' to get proper semantics."
cpp_trad="$cpp -traditional"
else
echo "I don't know how to get traditional semantics with '$cpp'." >&4
cpp_trad="$cpp"
fi
$rm -f foo.c foo.cpp

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cpp_trad.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_chroot.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_chroot.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:07:17 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_chroot: Inlibc
?MAKE: -pick add $@ %<
?S:d_chroot:
?S: This variable conditionally defines the HAS_CHROOT symbol, which
?S: indicates to the C program that the chroot() routine is available.

```

?S:.
?C:HAS_CHROOT :
?C: This symbol, if defined, indicates that the chroot routine
is
?C: available.
?C:.
?H:#\$d_chroot HAS_CHROOT /**/
?H:.
?LINT:set d_chroot
: see if chroot exists
set chroot d_chroot
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_chroot.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_getpgrp.U,v \$
?RCS: Revision 3.0.1.1 1997/02/28 15:34:28 ram
?RCS: patch61: new USE_BSD_GETPGRP to detect the getpgrp() flavour
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:15 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getpgrp d_bsdgetpgrp: Guess Inlibc Setvar cat rm \
+cc +ccflags +ldflags +libs i_unistd
?MAKE: -pick add \$@ %<
?S:d_getpgrp:
?S: This variable conditionally defines HAS_GETPGRP if getpgrp() is
?S: available to get the current process group.
?S:.
?S:d_bsdgetpgrp:
?S: This
variable conditionally defines USE_BSD_GETPGRP if
?S: getpgrp needs one arguments whereas USG one needs none.
?S:.
?C:HAS_GETPGRP (GETPGRP):

?C: This symbol, if defined, indicates that the getpgrp routine is

?C: available to get the current process group.

?C:.

?C:USE_BSD_GETPGRP:

?C: This symbol, if defined, indicates that getpgrp needs one

?C: arguments whereas USG one needs none.

?C:.

?H:#\$d_getpgrp HAS_GETPGRP /**/

?H:#\$d_bsdgetpgrp USE_BSD_GETPGRP /**/

?H:.

?F:!set !set.c

?T:xxx

?LINT:set d_getpgrp d_bsdgetpgrp

: see if getpgrp exists

set getpgrp d_getpgrp

eval \$inlibc

@if USE_BSD_GETPGRP || d_bsdgetpgrp

case "\$d_getpgrp" in

"\$define")

echo " "

echo "Checking to see which flavor of getpgrp is in use..."

\$cat >set.c <<EOP

#\$i_unistd I_UNISTD

#include <sys/types.h>

#ifdef I_UNISTD

include <unistd.h>

#endif

int main()

{

if (getuid() == 0) {

printf("(I see you are running Configure as super-user...)\n");

setuid(1);

}

#ifdef TRY_BSD_PGRP

if (getpgrp(1) ==

0)

exit(0);

#else

if (getpgrp() > 0)

exit(0);

#endif

exit(1);

}

EOP

if \$cc -DTRY_BSD_PGRP \$ccflags \$ldflags -o set set.c \$libs >/dev/null 2>&1

&& ./set

then


```

echo "You have to use getpgrp(pid) instead of getpgrp()." >&4
val="$define"
elif $cc $ccflags $ldflags -o set set.c $libs >/dev/null 2>&1 && ./set; then
echo "You have to use getpgrp() instead of getpgrp(pid)." >&4
val="$undef"
else
echo "I can't seem to compile and run the test program."
if ./usg; then
xxx="a USG one, i.e. you use getpgrp()."
else
# SVR4 systems can appear rather BSD-ish.
case "$i_unistd" in
$undef)
xxx="a BSD one, i.e. you use getpgrp(pid)."
val="$define"
;;
$define)
xxx="probably a USG one, i.e. you use getpgrp()."
val="$undef"
;;
esac
fi
echo "Assuming your getpgrp is $xxx" >&4
fi
;;
*) val="$undef";;
esac
set d_bsdgetpgrp
eval $setvar
$rm -f set set.c
@end

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getpgrp.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sunscanf.U,v 3.0 1993/08/18 12:09:54 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: sunscanf.U,v \$

```

?RCS: Revision 3.0 1993/08/18 12:09:54 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:sunscanf: cat rm Compile Myread test Setvar
?MAKE: -pick add $@ %<
?S:sunscanf:
?S: This variable is set if this system runs with the Sun version
?S: of scanf.
?S:.
?C:SUNSCANF:
?C: This variable is set if this system runs with the Sun version
?C: of scanf.
?C:.
?H:#$sunscanf SUNSCANF /**/
?H:.
?LINT:set sunscanf
?F:!scanf
: check to see what
  kinda scanf your using.
echo " "
echo "Checking to see what flavor of scanf you have..." >&4
$cat >scanf.c <<'EOCP'
int main()
{
  float value;

  sscanf("4.5", "%g", &value);
  printf("%d\n", value == 4.5);
}
EOCP
set scanf
if eval $compile_ok; then
if $test `./scanf` = 0; then
  echo "Hmm.. seems you are not running the USG flavor.."
  val="$undef"
else
  echo "Uh... you are running the USG flavor of scanf."
  val="$define"
fi
else
  echo "(I can't seem to compile the test program... Guessing)"
  val="$undef"
fi
set sunscanf
eval $setvar
$rm -f scanf*

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/sunscanf.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: shm_for.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: shm_for.U,v \$
?RCS: Revision 3.0.1.1 1994/10/29 16:28:37 ram
?RCS: patch36: call ./Cpplib explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:46 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:shm_for shm_att shm_lim: Cpplib Myread ipc uname
?MAKE: -pick add \$@ %<
?S:shm_for:
?S: This variable tells us the type of machine we're expecting the
?S: shared memory code to run on. The value is available to C
programs
?S: in the C_SHM_FOR manifest.
?S:.
?S:shm_att:
?S: This variable tells us where a shared memory segment should be
?S: attached. Good values are HIGH, LOW, and ZERO.
?S:.
?S:shm_lim:
?S: This variable tells us if shared memory attached HIGH should
?S: have an upper limit.
?S:.
?X: -----
?X: It's a potential lose to define anything beginning with SHM...
?X: At least we can think that S_ stands for "String version of ..." -- HMS
?X: -----
?C:S_SHM_FOR ~ %<:
?C: This symbol identifies what we chose for the target system's
?C: default shared memory configuration parameters.
?C:.
?C:S_SHM_ATT ~ %<:
?C: This symbol holds the default "place" to attach shared memory.
?C: Values are "HIGH", "ZERO", and "LOW".

```

?C:.
?C:S_SHM_LIM ~ %<:
?C: This symbol holds the default upper bound address limit if shared
?C: memory is attached HIGH. If zero, there is no upper limit.
?C:.
?H:?%<:#ifdef
SERVE_SHM
?H:?%<:#define S_SHM_FOR "$shm_for"
?H:?%<:#define S_SHM_ATT "$shm_att"
?H:?%<:#define S_SHM_LIM "$shm_lim"
?H:?%<:#endif
?H:.
?W:%<:S_SHM_FOR S_SHM_ATT S_SHM_LIM
: see how to attach shared memory
echo " "
echo "Deciding how to attach shared memory..." >&4

case "$ipc" in
shm)
shm_for='Default case'
shm_att='HIGH'
shm_lim='0x0'
if ./Cppsym tower32 tower32_600; then
echo "NCR Towers are usually normal..."
: echo "Oh, an NCR Tower."
: This works for the 600
shm_for='NCR Tower 32'
shm_att='LOW'
else
case "$uname" in
*/uname)
case "`uname -m`" in
ACS??68*)
echo "Oh, an Altos 3068."
shm_for='Altos 3068:'
shm_lim='0x800000'
;;
esac
;;
*)
echo "Looks normal to me..."
;;
esac
fi

dflt="$shm_for"
rp='Description of shared memory configuration?'
. ./myread

```

```

shm_for="$ans"

dflt="$shm_att"
rp='Where should shared memory be attached?'
./myread
shm_att="$ans"

case "$shm_att" in
HIGH)
dflt="$shm_lim"
rp='What is
the upper address limit for shared memory?'
./myread
shm_lim="$ans"
;;
*)
shm_lim="
;;
esac
;;

*)
echo "but you aren't using shared memory so I won't bother." >&4
shm_for='NOT CONFIGURED'
shm_att='NONE'
shm_lim='-1'
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/shm_for.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_charsprf.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_charsprf.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:49 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:

```

```

?MAKE:d_charsprf: cat rm +cc Setvar
?MAKE: -pick add $@ %<
?S:d_charsprf:
?S: This variable conditionally defines CHARSPRINTF if this system
?S: declares "char *sprintf()" in stdio.h. The trend seems to be to
?S: declare it as "int sprintf()".
?S:.
?C:CHARSPRINTF:
?C: This symbol is defined if this system declares "char *sprintf()" in
?C: stdio.h.
    The trend seems to be to declare it as "int sprintf()". It
?C: is up to the package author to declare sprintf correctly based on the
?C: symbol.
?C:.
?H:#$d_charsprf CHARSPRINTF /**/
?H:.
?F:!ucbsprf.c !ucbsprf
?LINT:set d_charsprf
: see if sprintf is declared as int or pointer to char
echo " "
$cat >ucbsprf.c <<'EOF'
int main()
{
    int sprintf();
    char buf[10];
    exit((unsigned long)sprintf(buf,"%s","foo") > 10L);
}
EOF
if $cc -o ucbsprf ucbsprf.c >/dev/null 2>&1 && ./ucbsprf; then
    echo "Your sprintf() returns (int)." >&4
    val="$undef"
else
    echo "Your sprintf() returns (char*)." >&4
    val="$define"
fi
set d_charsprf
eval $setvar
$rm -f ucbsprf*

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_charsprf.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: ebcdic.U,v 3.0.1.3 1994/05/06 15:11:49 doughera Exp $

```

```

?RCS:

```

```

?RCS: Copyright (c) 1998 Andy Dougherty

```

```

?RCS:

```

```

?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Original author Jarkko Hietaniemi <jhi@iki.fi>
?RCS: Merged into dist by Andy Dougherty July 13, 1998
?RCS:
?MAKE:ebcdic: Compile Setvar cat rm_try run
?MAKE: -pick add $@ %<
?S:ebcdic:
?S: This variable conditionally defines EBCDIC if this
?S: system uses EBCDIC encoding.
?S:.
?C:EBCDIC:
?C: This symbol, if defined, indicates that this system uses
?C: EBCDIC encoding.
?C:.
?H:#$ebcdic EBCDIC /**/
?H:.
?F:!try
?LINT:set ebcdic
: Determine if this is an EBCDIC system
echo " "
echo "Determining whether or not we are on an EBCDIC system..." >&4
$cat >try.c <<'EOM'
int main()
{
if ('M'==0xd4) return 0;
return 1;
}
EOM

val=$undef
set try
if eval
$compile_ok; then
if $run ./try; then
echo "You seem to speak EBCDIC." >&4
val="$define"
else
echo "Nope, no EBCDIC, probably ASCII or some ISO Latin. Or UTF-8." >&4
fi
else
echo "I'm unable to compile the test program." >&4
echo "I'll assume ASCII or some ISO Latin. Or UTF8." >&4
fi
$rm_try
set ebcdic
eval $setvar

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/ebcdic/ebcdic.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_setpent.U,v 3.0 1993/08/18 12:06:09 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d_setpent.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_setpent: Inlibc

?MAKE: -pick add \$@ %<

?S:d_setpent:

?S: This variable conditionally defines HAS_SETPROTOENT if setprotoent() is

?S: available.

?S:.

?C:HAS_SETPROTOENT:

?C: This symbol, if defined, indicates that the setprotoent() routine is

?C: available.

?C:.

?H:#\$d_setpent HAS_SETPROTOENT /**/

?H:.

?LINT:set d_setpent

: see if setprotoent

exists

set setprotoent d_setpent

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setpent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: make.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:


```

?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: make.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 16:09:40 ram
?RCS: patch61: created
?RCS:
?MAKE:make_set_make : Loc rm sed make
?MAKE: -pick add $@ %<
?S:make_set_make:
?S: Some versions of 'make' set the variable MAKE. Others do not.
?S: This variable contains the string to be included in Makefile.SH
?S: so that MAKE is set if needed, and not if not needed.
?S: Possible values are:
?S:
?S: make_set_make='#' #
If your make program handles this for you,
?S:
?S: make_set_make="MAKE=$make" # if it doesn't.
?S:
?S: This uses a comment character so that we can distinguish a
?S: 'set' value (from a previous config.sh or Configure -D option)
?S: from an uncomputed value.
?S:.
?LINT: extern MAKE
?LINT: change MAKE
?X: This test is based on one from an autoconf-generated configure
?X: script. Autoconf stole a lot from Configure, but now it's our
?X: turn to do so... ;-) -- RAM, 21/02/97
: check whether make sets MAKE
echo " "
echo "Checking if your $make program sets \$(MAKE)..." >&4
case "$make_set_make" in
")
?X: Use sed so we don't have a line begining with @echo. Metaconfig
?X: will think that's a command like @if or @end.
$sed 's/^X //' > testmake.mak << 'EOF'
Xall:
X @echo 'maketemp="\$(MAKE)'"
EOF
?X: GNU make sometimes prints "make[1]: Entering...", which would confuse us
case "`$make -f testmake.mak 2>/dev/null`" in
*maketemp=*) make_set_make='#' ;;
*) make_set_make="MAKE=$make" ;;
esac

```

```
$rm
-f testmake.mak
;;
esac
case "$make_set_make" in
'#) echo "Yup, it does.";;
*) echo "Nope, it doesn't.";;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/make.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_modfl d_modflproto: Inlibc Compile Hasproto cat \
test ccflags uselongdouble \
d_sqrtl d_aintl d_copysignl d_ilogbl d_scalbnl d_frexp d_ldexpl \
d_truncl

?MAKE: -pick add \$@ %<

?S:d_modfl:

?S: This variable conditionally defines the HAS_MODFL symbol, which

?S: indicates to the C program that the modfl() routine is available.

?S:.

?S:d_modflproto:

?S: This symbol, if defined, indicates that the system provides

?S: a prototype for the modfl() function. Otherwise, it is up

?S: to the program to supply one. C99 says it should be

?S: long double modfl(long double, long double *);

?S:.

?C:HAS_MODFL:

?C: This symbol, if defined, indicates that the modfl routine is

?C: available to split a long double

x into a fractional part f and

?C: an integer part i such that $|f| < 1.0$ and $(f + i) = x$.

?C:.

?C:HAS_MODFL_PROTO:

?C: This symbol, if defined, indicates that the system provides

?C: a prototype for the modfl() function. Otherwise, it is up

?C: to the program to supply one.

?C:.

?H:#\$d_modfl HAS_MODFL /**/

```

?H:#$d_modflproto HAS_MODFL_PROTO /**/
?H:.
?T:message
?LINT:set d_modfl
?LINT:set d_modflproto
?LINT:change ccflags
: see if modfl exists
set modfl d_modfl
eval $inlibc

: see if prototype for modfl is available
echo " "
set d_modflproto modfl define math.h
eval $hasproto

if $test "$uselongdouble" = "$define"; then
    message=""
    if $test "$d_sqrtl" != "$define"; then
        message="$message sqrtl"
    fi
    if $test "$d_modfl" != "$define"; then
        if $test "$d_trunc:$d_copysignl" = "$define:$define"; then
            echo "You have both trunc and copysignl, so I can emulate modfl."
        else
            if $test "$d_aintl:$d_copysignl" = "$define:$define"; then
                echo "You have both aintl
and copysignl, so I can emulate modfl."
            else
                message="$message modfl"
            fi
        fi
    fi
    if $test "$d_frexp" != "$define"; then
        if $test "$d_ilogbl:$d_scalbnl" = "$define:$define"; then
            echo "You have both ilogbl and scalbnl, so I can emulate frexp."
        else
            message="$message frexp"
        fi
    fi
    if $test "$d_ldexpl" != "$define"; then
        message="$message ldexpl"
    fi

    if $test "$message" != ""; then
$cat <<EOM >&4

*** You requested the use of long doubles but you do not seem to have
*** the following mathematical functions needed for long double support:

```

*** \$message
*** Please rerun Configure without -Duselondouble and/or -Dusemorebits.
*** Cannot continue, aborting.

EOM

```
exit 1
fi
fi
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_modfl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: mallocsrc.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 16:10:26 ram

?RCS: patch61: added support for Free_t, the type of free()

?RCS: patch61: replaced .o with \$_o all over the place

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:10:46 ram

?RCS: patch23: added support for MYMALLOC, mainly for perl5 (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:12 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:mallocsrc mallocobj usemymalloc malloctype d_mymalloc \

freetype: Myread \

Oldconfig

package Guess Setvar rm cat +cc +cflags Findhdr \

i_malloc i_stdlib sed libs _o ptrsize

?MAKE: -pick add \$@ %<

?X: Put near top so that other tests don't erroneously include

?X: -lmalloc. --AD 22 June 1998

?Y:TOP

?S:usemymalloc:

?S: This variable contains y if the malloc that comes with this package

?S: is desired over the system's version of malloc. People often include

?S: special versions of malloc for efficiency, but such versions are often
?S: less portable. See also malloclsrc and mallocobj.
?S: If this is 'y', then -lmalloc is removed from \$libs.
?S:.
?S:malloclsrc:
?S: This variable contains the name of the malloc.c that comes with
?S: the package, if that malloc.c is preferred over the system malloc.
?S: Otherwise the value is null. This variable is intended for generating
?S: Makefiles.
?S:.
?S:d_mymalloc:
?S: This variable conditionally defines MYMALLOC in case other parts
?S: of the source want to take special action if MYMALLOC is used.
?S: This may include different sorts
?S: of profiling or error detection.
?S:.
?S:mallocobj:
?S: This variable contains the name of the malloc.o that this package
?S: generates, if that malloc.o is preferred over the system malloc.
?S: Otherwise the value is null. This variable is intended for generating
?S: Makefiles. See malloclsrc.
?S:.
?S:freetype:
?S: This variable contains the return type of free(). It is usually
?S: void, but occasionally int.
?S:.
?S:malloctype:
?S: This variable contains the kind of ptr returned by malloc and realloc.
?S:.
?C:Free_t:
?C: This variable contains the return type of free(). It is usually
?C: void, but occasionally int.
?C:.
?C:Malloc_t (MALLOC_PTRTYPE):
?C: This symbol is the type of pointer returned by malloc and realloc.
?C:.
?H:#define Malloc_t \$malloctype /**/
?H:#define Free_t \$freetype /**/
?H:.
?C:MYMALLOC:
?C: This symbol, if defined, indicates that we're using our own malloc.
?C:.
?H:#\$d_mymalloc MYMALLOC /**/
?H:.
?LINT:change libs
?X: Cannot test for malloclsrc; it
is the unit's name and there is a bug in
?X: the interpreter which defines all the names, even though they are not used.

```

@if mallocobj
: determine which malloc to compile in
echo " "
case "$usemymalloc" in
[yY]*|true|$define) dflt='y' ;;
[nN]*|false|$undef) dflt='n' ;;
*)
case "$ptrsize" in
4) dflt='y' ;;
*) dflt='n' ;;
esac
;;
esac
rp="Do you wish to attempt to use the malloc that comes with $package?"
./myread
usemymalloc="$ans"
case "$ans" in
y*|true)
usemymalloc='y'
mallosrc='malloc.c'
mallocobj="malloc$_o"
d_mymalloc="$define"
?X: Maybe libs.U should be dependent on mallosrc.U, but then
?X: most packages that use dist probably don't supply their own
?X: malloc, so this is probably an o.k. compromise
case "$libs" in
*-lmalloc*)
: Remove malloc from list of libraries to use
echo "Removing unneeded -lmalloc from library list" >&4
set `echo X $libs | $sed -e 's/-lmalloc //' -e 's/-lmalloc$/'`
shift
libs="$*"
echo "libs = $libs" >&4
;;
esac
;;
*)
usemymalloc='n'
mallosrc=""
mallocobj=""
d_mymalloc="$undef"
;;
esac

@end
@if
MALLOCPTRTYPE || Malloc_t || Free_t
: compute the return types of malloc and free

```

```

echo " "
$cat >malloc.c <<END
#$i_malloc I_MALLOC
#$i_stdlib I_STDLIB
#include <stdio.h>
#include <sys/types.h>
#ifdef I_MALLOC
#include <malloc.h>
#endif
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#ifdef TRY_MALLOC
void *malloc();
#endif
#ifdef TRY_FREE
void free();
#endif
END
@if MALLOCPTRTYPE || Malloc_t
case "$malloctype" in
")
if $cc $ccflags -c -DTRY_MALLOC malloc.c >/dev/null 2>&1; then
malloctype='void *'
else
malloctype='char *'
fi
;;
esac
echo "Your system wants malloc to return '$malloctype', it would seem." >&4
@end

@if Free_t
case "$freetype" in
")
if $cc $ccflags -c -DTRY_FREE malloc.c >/dev/null 2>&1; then
freetype='void'
else
freetype='int'
fi
;;
esac
echo "Your system uses $freetype free(), it would seem." >&4
@end
$rm -f malloc.[co]
@end

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mallocalsrc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998, Jarkko Hietaniemi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:i_netinettcp: Inhdr

?MAKE: -pick add \$@ %<

?S:i_netinettcp:

?S: This variable conditionally defines the I_NETINET_TCP symbol,

?S: and indicates whether a C program should include <netinet/tcp.h>.

?S:.

?C:I_NETINET_TCP:

?C: This symbol, if defined, indicates to the C program that it should

?C: include <netinet/tcp.h>.

?C:.

?H:#\$i_netinettcp I_NETINET_TCP /**/

?H:.

?LINT:set i_netinettcp

: see if inetnet/tcp.h is available

set inetnet/tcp.h i_netinettcp

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_netinettcp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: perlpath.U,v 3.0.1.2 1995/09/25 09:17:04 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: This file is included with or a derivative work of a file included

?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.

?RCS: In accordance with clause 7 of dist's modified Artistic License:

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: perlpath.U,v \$

?RCS:
?RCS: Special perl5 unit -- we haven't installed perl yet.
?RCS:
?RCS: Revision 3.0.1.2 1995/09/25 09:17:04 ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.1 1995/01/11 15:33:53 ram
?RCS: patch45: can now use Loc variables since path stripping is deferred
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:32 ram
?RCS: Baseline for dist
3.0 netwide release.
?RCS:
?X:
?X: The purpose of this unit is to locate perl good enough to construct a #!
?X:
?MAKE:perlpath: cat Getfile Loc Myread Oldconfig initialinstalllocation \
startperl version versiononly
?MAKE: -pick add \$@ %<
?Y:TOP
?S:perlpath:
?S: This variable contains the eventual value of the PERLPATH symbol,
?S: which contains the name of the perl interpreter to be used in
?S: shell scripts and in the "eval 'exec'" idiom. This variable is
?S: not necessarily the pathname of the file containing the perl
?S: interpreter; you must append the executable extension (_exe) if
?S: it is not already present. Note that Perl code that runs during
?S: the Perl build process cannot reference this variable, as Perl
?S: may not have been installed, or even if installed, may be a
?S: different version of Perl.
?S:.
?C:PERLPATH:
?C: This symbol contains the name of the perl interpreter to be
?C: used in shell scripts and in the "eval 'exec'" idiom.
?C:.
?H:#define PERLPATH "\$perlpath" /**/
?H:.
:
figure best path for perl in scripts
case "\$perlpath" in
")
case "\$versiononly" in
"\$define") perlpath="\$initialinstalllocation/perl\$version";;
*) perlpath="\$initialinstalllocation/perl";;
esac
case "\$startperl" in
!) ;;
*)

```
$cat <<EOH
```

I will use the "eval 'exec'" idiom to start Perl on your system.
I can use the full path of your Perl binary for this purpose, but
doing so may cause problems if you want to share those scripts and
Perl is not always in a standard place (\$initialinstalllocation/perl).

```
EOH
```

```
dflt="$initialinstalllocation/perl"  
rp="What path shall I use in \"eval 'exec'\"?"  
./myread  
perlpath="$ans"  
;;  
esac  
;;  
esac  
case "$startperl" in  
*!*) ;;  
*) echo "I'll use $perlpath in \"eval 'exec'\"";;  
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/perlpath.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Chk_whoami.U 1 2006-08-24 12:32:52Z rmanfredi $  
?RCS:  
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi  
?RCS:  
?RCS: You may redistribute only under the terms of the Artistic Licence,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic Licence; a copy of which may be found at the root  
?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: $Log: Chk_whoami.U,v $  
?RCS: Revision 3.0 1993/08/18 12:04:46 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit makes sure we don't try to include whoami.h if uname() exists.  
?X:  
?MAKE:Chk_whoami: d_uname i_whoami  
?MAKE: -pick add $@ %<  
?LINT:change i_whoami  
: weed out incompatibilities  
case "$d_uname" in
```

```
"$define") i_whoami="$undef" ;;  
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Chk_whoami.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sethent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: d_sethent.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_sethent: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_sethent:
```

```
?S: This variable conditionally defines HAS_SETHOSTENT if sethostent() is
```

```
?S: available.
```

```
?S:.
```

```
?C:HAS_SETHOSTENT:
```

```
?C: This symbol, if defined, indicates that the sethostent() routine is
```

```
?C: available.
```

```
?C:.
```

```
?H:#$d_sethent HAS_SETHOSTENT /**/
```

```
?H:.
```

```
?LINT:set d_sethent
```

```
: see if sethostent exists
```

```
set
```

```
sethostent d_sethent
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_sethent.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_unistd.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: i_unistd.U,v \$
?RCS: Revision 3.0 1993/08/18 12:08:46 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_unistd: Inhdr
?MAKE: -pick add \$@ %<
?S:i_unistd:
?S: This variable conditionally defines the I_UNISTD symbol, and indicates
?S: whether a C program should include <unistd.h>.
?S:.
?C:I_UNISTD:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <unistd.h>.
?C:.
?H:#\$i_unistd I_UNISTD /**/
?H:.
?LINT:set
i_unistd
: see if this is a unistd.h system
set unistd.h i_unistd
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_unistd.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: bin.U,v 3.1 1999/07/09 18:20:13 doughera Exp doughera \$
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: bin.U,v \$
?RCS: Revision 3.1 1999/07/09 18:20:13 doughera
?RCS: Updated for installprefix
?RCS:

?RCS: Revision 3.0.1.4 1995/09/25 09:15:32 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.3 1995/01/30 14:32:40 ram

?RCS: patch49: can now handle installation prefix changes (from WED)

?RCS:

?RCS: Revision 3.0.1.2 1994/08/29 16:05:28 ram

?RCS: patch32: now uses installation prefix

?RCS:

?RCS:

Revision 3.0.1.1 1993/09/13 15:56:51 ram

?RCS: patch10: made prompting more explicit (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:26 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:bin binexp installbin userelocatableinc initialinstalllocation: \
 Myread Prefixit Getfile Setvar Setprefixvar Oldconfig \
 test prefix prefixexp

?MAKE: -pick add \$@ %<

?Y:TOP

?D:bin="

?S:bin:

?S: This variable holds the name of the directory in which the user wants
 ?S: to put publicly executable images for the package in question. It
 ?S: is most often a local directory such as /usr/local/bin. Programs using
 ?S: this variable must be prepared to deal with ~name substitution.

?S:.

?D:binexp="

?S:binexp:

?S: This is the same as the bin variable, but is filename expanded at
 ?S: configuration time, for use in your makefiles.

?S:.

?D:installbin="

?S:installbin:

?S: This variable is the same as binexp unless AFS is running in which case
 ?S: the user is explicitly prompted for it. This variable
 should always
 ?S: be used in your makefiles for maximum portability.

?S:.

?D:userelocatableinc="

?S:userelocatableinc:

?S: This variable is set to true to indicate that perl should relocate
 ?S: @INC entries at runtime based on the path to the perl binary.
 ?S: Any @INC paths starting ".../" are relocated relative to the directory
 ?S: containing the perl binary, and a logical cleanup of the path is then
 ?S: made around the join point (removing "dir../" pairs)

?S:.

?S:initialinstalllocation:
?S: When userelocatableinc is true, this variable holds the location
?S: that make install should copy the perl binary to, with all the
?S: run-time relocatable paths calculated from this at install time.
?S: When used, it is initialized to the original value of binexp, and
?S: then binexp is set to '.../', as the other binaries are found
?S: relative to the perl binary.
?S:.
?C:BIN:
?C: This symbol holds the path of the bin directory where the package will
?C: be installed. Program must be
prepared to deal with ~name substitution.
?C:.
?C:BIN_EXP:
?C: This symbol is the filename expanded version of the BIN symbol, for
?C: programs that do not want to deal with that at run-time.
?C:.
?C:PERL_RELOCATABLE_INC:
?C: This symbol, if defined, indicates that we'd like to relocate entries
?C: in @INC at run time based on the location of the perl binary.
?C:.
?H:#define BIN "\$bin" /**/
?H:#define BIN_EXP "\$binexp" /**/
?H:#define PERL_RELOCATABLE_INC "\$userelocatableinc" /**/
?H:.
?D:bin='/usr/local/bin'
?LINT:change prefix
?LINT:change prefixexp
?LINT:change prefixvar
?LINT:change installprefixexp
?LINT:set userelocatableinc
: determine where public executables go
echo " "
set dflt bin bin
eval \$prefixit
fn=d~
rp='Pathname where the public executables will reside?'
./getfile
if \$test "X\$sansexp" != "X\$binexp"; then
installbin="
fi
prefixvar=bin
: XXX Bug? -- ignores Configure -Dinstallprefix setting.
: XXX If this is fixed, also fix the "start perl" hunk below, which relies on
:
this via initialinstalllocation
./setprefixvar

```

case "$user relocatable inc" in
$define|true|[yY]*) dflt='y' ;;
*) dflt='n' ;;
esac
cat <<EOM

```

Would you like to build Perl so that the installation is relocatable, so that library paths in @INC are determined relative to the path of the perl binary? This is not advised for system Perl installs, or if you need to run setid scripts or scripts under taint mode.

If this doesn't make any sense to you, just accept the default '\$dflt'.

```

EOM
rp='Use relocatable @INC?'
./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef" ;;
esac
set user relocatable inc
eval $setvar

```

```

initialinstalllocation="$binexp"
: Default prefix is now "up one level from where the binaries are"
case "$user relocatable inc" in
$define|true|[yY]*)
  bin="..."
  binexp="..."
  prefix="..."
  prefixexp="..."
  installprefixexp="..."
  ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/bin.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: vendorbin.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $

```

```

?RCS:

```

```

?RCS: Copyright (c) 1999, Andy Dougherty

```

```

?RCS:

```

```

?RCS: You may redistribute only under the terms of the Artistic License,

```

```

?RCS: as specified in the README file that comes with the distribution.

```

```

?RCS: You may reuse parts of this distribution only within the terms of

```

```

?RCS: that same Artistic License; a copy of which may be found at the root

```

```

?RCS: of the source tree for dist 3.0.

```

?RCS:
?RCS: \$Log: vendorbin.U,v \$
?RCS: Revision 1.1 1999/07/08 18:32:57 doughera
?RCS: Initial revision
?RCS:
?MAKE:d_vendorbin vendorbin vendorbinexp installvendorbin: Getfile \
Setprefixvar Oldconfig Prefixit vendorprefix
?MAKE: -pick add \$@ %<
?Y:TOP
?S:vendorbin:
?S: This variable contains the eventual value of the VENDORBIN symbol.
?S: It may have a ~ on the front.
?S: The standard distribution will put nothing in this directory.
?S: Vendors who distribute perl
may wish to place additional
?S: binaries in this directory with
?S: MakeMaker Makefile.PL INSTALLDIRS=vendor
?S: or equivalent. See INSTALL for details.
?S:.
?S:vendorbinexp:
?S: This variable is the ~name expanded version of vendorbin, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installvendorbin="
?S:installvendorbin:
?S: This variable is really the same as vendorbinexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?S:d_vendorbin:
?S: This variable conditionally defines PERL_VENDORBIN.
?S:.
?C:PERL_VENDORBIN:
?C: If defined, this symbol contains the name of a directory
?C: for holding vendor-supplied executables.
?C: It may have a ~ on the front.
?C: The standard distribution will put nothing in this directory.
?C: Vendors who distribute perl may wish to place additional
?C: binaries in this directory with
?C: MakeMaker Makefile.PL INSTALLDIRS=vendor
?C: or equivalent.
See INSTALL for details.
?C:.
?C:PERL_VENDORBIN_EXP:
?C: This symbol contains the ~name expanded version of VENDORBIN, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?H:#\$d_vendorbin PERL_VENDORBIN "\$vendorbin" /**/


```

?H:#$d_vendorbin PERL_VENDORBIN_EXP "$vendorbinexp" /**/
?H:.
?LINT:change prefixvar
?LINT:set installvendorbin
: Set the vendorbin variables
case "$vendorprefix" in
") d_vendorbin="$undef"
vendorbin="
vendorbinexp="
;;
*) d_vendorbin="$define"
: determine where vendor-supplied executables go.
case "$vendorbin" in
") dflt=$vendorprefix/bin ;;
*) dflt="$vendorbin" ;;
esac
fn=d~+
rp='Pathname for the vendor-supplied executables directory?'
./getfile
vendorbin="$ans"
vendorbinexp="$ansexp"
;;
esac
prefixvar=vendorbin
./installprefix

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorbin.U

```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_fmin: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fmin:

?S: This variable conditionally defines the HAS_FMIN symbol, which

?S: indicates to the C program that the fmin() routine is available.

?S:.

?C:HAS_FMIN:

?C: This symbol, if defined, indicates that the fmin routine is

?C: available to do the minimum function.

?C:.

```

?H:#$d_fmin HAS_FMIN /**/

```

?H:.

?LINT:set d_fmin

: see if fmin exists

```
set fmin d_fmin
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fmin.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_isnan: Inlibc cat Compile rm_try Setvar

?MAKE: -pick add \$@ %<

?S:d_isnan:

?S: This variable conditionally defines the HAS_ISNAN symbol, which

?S: indicates to the C program that the isnan() routine is available.

?S:.

?C:HAS_ISNAN:

?C: This symbol, if defined, indicates that the isnan routine is

?C: available to check whether a double is a NaN.

?C:.

?H:#\$d_isnan HAS_ISNAN /**/

?H:.

?LINT:set d_isnan

: check for isnan

echo "Checking to see if you have isnan..." >&4

\$cat >try.c <<EOCP

```
#include <math.h>
```

```
int main() { return isnan(0.0); }
```

EOCP

set try

if eval \$compile; then

val="\$define"

echo "You have isnan."

else

val="\$undef"

echo "You do not have isnan."

fi

\$rm_try

set d_isnan

eval \$setvar

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isnan.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: doublesize.U,v 3.0.1.1 1994/10/29 16:17:06 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: doublesize.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:17:06 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:06 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:doublesize: cat rm_try Myread Compile run i_stdlib

?MAKE: -pick add \$@ %<

?S:doublesize:

?S: This variable contains the value of the DOUBLESIZE symbol, which

?S: indicates to the C program how many bytes there are in a double.

?S:.

?C:DOUBLESIZE:

?C: This

symbol contains the size of a double, so that the C preprocessor

?C: can make decisions based on it.

?C:.

?H:#define DOUBLESIZE \$doublesize /**/

?H:.

?F:!try

: check for length of double

echo " "

case "\$doublesize" in

")

echo "Checking to see how big your double precision numbers are..." >&4

\$cat >try.c <<EOCP

#include <stdio.h>

#\$i_stdlib I_STDLIB

#ifdef I_STDLIB

#include <stdlib.h>

#endif

int main()

```

{
    printf("%d\n", (int)sizeof(double));
    exit(0);
}
EOCP
set try
if eval $compile_ok; then
    doublesize=`$run ./try`
    echo "Your double is $doublesize bytes long."
else
    dflt='8'
    echo "(I can't seem to compile the test program.  Guessing...)"
    rp="What is the size of a double precision number (in bytes)?"
    ./myread
    doublesize="$ans"
fi
;;
esac
$rm_try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/doublesize.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Typedef.U,v 3.0.1.3 1995/07/25 13:42:07 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Typedef.U,v $
?RCS: Revision 3.0.1.3 1995/07/25 13:42:07 ram
?RCS: patch56: added backslash escapes within evals to prevent space problems
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:01:16 ram
?RCS: patch36: don't clobber visible 'val' variable, use 'varval' instead
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:05:14 ram
?RCS: patch32: created
?RCS:
?X:
?X: This unit checks for the definition of a given typedef.
?X:

```

?X: To use it, say:

?X: set typedef
 val_t default [includes]

?X: eval \$typedef

?X:

?MAKE:Typedef: cppstdin cppminus cppflags rm sed contains Oldconfig Myread

?MAKE: -pick add \$@ %<

?LINT:define typedef

?LINT:define typedef_ask

?V:typedef typedef_ask

?S:typedef:

?S: This shell variable is used internally by Configure to check
 whether a given typedef is defined or not. A typical use is:

?S: set typedef val_t default [includes]

?S: eval \$typedef

?S: That will return val_t set to default if the typedef was not found,
 to typedef otherwise. If no includes are specified, look in sys/types.h.

?S:.

?S:typedef_ask:

?S: This shell variable is used internally by Configure to check
 whether a given typedef is defined or not. If it is not defined,
 this will call the ./myread script to prompt for an answer.
 It is intended to be used to avoid unnecessary prompts.
 A typical use is

?S: rp="What is the type for file position used by fsetpos()?"

?S: set fpos_t fpostype long stdio.h sys/types.h

?S: eval \$typedef_ask

?S: This
 will set fpostype=fpos_t, if fpos_t is available. Otherwise
 it will call myread with a default of 'long', and a prompt of \$rp.

?S:.

?T:type var def inclist varval inc

?F:!temp.c

: define an is-a-typedef? function

```
typedef='type=$1; var=$2; def=$3; shift; shift; shift; inclist=$@;
case "$inclist" in
"" ) inclist="sys/types.h";;
esac;
eval "varval=\$$var";
case "$varval" in
"" )
$rm -f temp.c;
for inc in $inclist; do
  echo "#include <$inc>" >>temp.c;
done;
```

?X: Maybe it's a #define instead of a typedef.

```
echo "#ifdef $type" >> temp.c;
echo "printf(\"We have $type\");" >> temp.c;
```

```

echo "#endif" >> temp.c;
Scppstdin Scppflags Scppminus < temp.c >temp.E 2>/dev/null;
if $contains $type temp.E >/dev/null 2>&1; then
    eval "$var=\$type";
else
    eval "$var=\$def";
fi;
$rm -f temp.?;;
*) eval "$var=\$varval";;
esac'

```

?X: Originally, I eval'd \$typedef and then checked the results against

?X: \$type. Unfortunately, it then became complicated to check

?X: whether you are re-using

an old config.sh value, and the logic got

?X: so convoluted it became easier to just copy the function above

?X: and alter it slightly. A.D. 3/1998

: define an is-a-typedef? function that prompts if the type is not available.

```
typedef_ask='type=$1; var=$2; def=$3; shift; shift; shift; inclist=$@;
```

```
case "$inclist" in
```

```
"" ) inclist="sys/types.h";;
```

```
esac;
```

```
eval "varval=\$$var";
```

```
case "$varval" in
```

```
"" )
```

```
$rm -f temp.c;
```

```
for inc in $inclist; do
```

```
    echo "#include <$inc>" >>temp.c;
```

```
done;
```

?X: Maybe it's a #define instead of a typedef.

```
echo "#ifdef $type" >> temp.c;
```

```
echo "printf(\"We have $type\");" >> temp.c;
```

```
echo "#endif" >> temp.c;
```

```
Scppstdin Scppflags Scppminus < temp.c >temp.E 2>/dev/null;
```

```
echo " " ;
```

```
echo "$rp" | $sed -e "s/What is/Looking for/" -e "s/?/./";
```

```
if $contains $type temp.E >/dev/null 2>&1; then
```

```
    echo "$type found." >&4;
```

```
    eval "$var=\$type";
```

```
else
```

```
    echo "$type NOT found." >&4;
```

```
    dflt="$def";
```

```
    ./myread ;
```

```
    eval "$var=\$ans";
```

```
fi;
```

```
$rm -f temp.?;;
```

```
*) eval "$var=\$varval";;
```

```
esac'
```

Found

in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/Typedef.U

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?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:sitehtml3dir sitehtml3direxp installsitehtml3dir: Getfile \

Setprefixvar prefix siteprefix html3dir sed

?MAKE: -pick add \$@ %<

?Y:TOP

?D:sitehtml3dir="

?S:sitehtml3dir:

?S: This variable contains the name of the directory in which site-specific

?S: library html source pages are to be put. It is the responsibility of the

?S: Makefile.SH to get the value of this into the proper command.

?S: You must be prepared to do the ~name expansion yourself.

?S: The standard distribution will put nothing in this directory.

?S: After

perl has been installed, users may install their own local

?S: library html pages in this directory with

?S: MakeMaker Makefile.PL

?S: or equivalent. See INSTALL for details.

?S:.

?D:sitehtml3direxp="

?S:sitehtml3direxp:

?S: This variable is the same as the sitehtml3dir variable, but is filename

?S: expanded at configuration time, for convenient use in makefiles.

?S:.

?D:installsitehtml3dir="

?S:installsitehtml3dir:

?S: This variable is really the same as sitehtml3direxp, unless you are using

?S: AFS in which case it points to the read/write location whereas

?S: html3direxp only points to the read-only access location. For extra

?S: portability, you should only use this variable within your makefiles.

?S:.

?LINT:change prefixvar

?LINT:set installsitehtml3dir

```

?LINT:set sitehtml3dir
?LINT:set sitehtml3direxp
: determine where add-on library html pages go
: There is no standard location, so try to copy the previously-selected
: directory structure for the core html pages.
case
"$sitehtml3dir" in
")  dflt=`echo "$html3dir" | $sed "s#^$prefix#$siteprefix#"` ;;
*)  dflt=$sitehtml3dir ;;
esac
case "$dflt" in
"|' ') dflt=none ;;
esac
fn=dn+~
rp='Pathname where the site-specific library html pages should be installed?'
./getfile
prefixvar=sitehtml3dir
./setprefixvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitehtml3dir.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: sig_name.U,v \$

?RCS: Revision 3.0.1.5 1997/02/28 16:21:25 ram

?RCS: patch61: brand new algorithm for sig_name and (new!) sig_num

?RCS:

?RCS: Revision 3.0.1.4 1995/07/25 14:14:54 ram

?RCS: patch56: added <asm/signal.h> lookup for linux

?RCS:

?RCS: Revision 3.0.1.3 1995/05/12 12:24:11 ram

?RCS: patch54: now looks for <linux/signal.h> too (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1994/06/20 07:06:57 ram

?RCS: patch30: final echo was missing to close awk-printed string

?RCS:

?RCS: Revision 3.0.1.1

1994/05/06 15:17:55 ram

?RCS: patch23: signal list now formatted to avoid scroll-ups (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:47 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:sig_name sig_name_init sig_num sig_num_init sig_count sig_size: \
awk Signal Oldconfig rm

?MAKE: -pick add \$@ %<

?S:sig_name:

?S: This variable holds the signal names, space separated. The leading

?S: SIG in signal name is removed. A ZERO is prepended to the

?S: list. This is currently not used.

?S:.

?S:sig_name_init:

?S: This variable holds the signal names, enclosed in double quotes and

?S: separated by commas, suitable for use in the SIG_NAME definition

?S: below. A "ZERO" is prepended to the list, and the list is

?S: terminated with a plain 0. The leading SIG in signal names

?S: is removed. See sig_num.

?S:.

?S:sig_num:

?S: This variable holds the signal numbers, space separated. A ZERO is

?S: prepended to the list (corresponding to the fake SIGZERO), and

?S: the list is terminated

with a 0. Those numbers correspond to

?S: the value of the signal listed in the same place within the

?S: sig_name list.

?S:.

?S:sig_num_init:

?S: This variable holds the signal numbers, enclosed in double quotes and

?S: separated by commas, suitable for use in the SIG_NUM definition

?S: below. A "ZERO" is prepended to the list, and the list is

?S: terminated with a plain 0.

?S:.

?S:sig_count (sig_name.U):

?S: This variable holds a number larger than the largest valid

?S: signal number. This is usually the same as the NSIG macro.

?S:.

?S:sig_size:

?S: This variable contains the number of elements of the sig_name

?S: and sig_num arrays, excluding the final NULL entry.

?S:.

?C:SIG_NAME:

?C: This symbol contains a list of signal names in order of

?C: signal number. This is intended

?C: to be used as a static array initialization, like this:

?C: char *sig_name[] = { SIG_NAME };

?C: The signals in the list are separated with commas, and each signal
?C: is surrounded by double
quotes. There is no leading SIG in the signal
?C: name, i.e. SIGQUIT is known as "QUIT".
?C: Gaps in the signal numbers (up to NSIG) are filled in with NUMnn,
?C: etc., where nn is the actual signal number (e.g. NUM37).
?C: The signal number for sig_name[i] is stored in sig_num[i].
?C: The last element is 0 to terminate the list with a NULL. This
?C: corresponds to the 0 at the end of the sig_num list.
?C:.
?C:SIG_NUM:
?C: This symbol contains a list of signal numbers, in the same order as the
?C: SIG_NAME list. It is suitable for static array initialization, as in:
?C: int sig_num[] = { SIG_NUM };
?C: The signals in the list are separated with commas, and the indices
?C: within that list and the SIG_NAME list match, so it's easy to compute
?C: the signal name from a number or vice versa at the price of a small
?C: dynamic linear lookup.
?C: Duplicates are allowed, but are moved to the end of the list.
?C: The signal number corresponding to sig_name[i] is sig_number[i].
?C: if (i
< NSIG) then sig_number[i] == i.
?C: The last element is 0, corresponding to the 0 at the end of
?C: the sig_name list.
?C:.
?C:SIG_COUNT:
?C: This variable contains a number larger than the largest
?C: signal number. This is usually the same as the NSIG macro.
?C:.
?C:SIG_SIZE:
?C: This variable contains the number of elements of the sig_name
?C: and sig_num arrays, excluding the final NULL entry.
?C:.
?H:#define SIG_NAME \$sig_name_init /**/
?H:#define SIG_NUM \$sig_num_init /**/
?H:#define SIG_COUNT \$sig_count /**/
?H:#define SIG_SIZE \$sig_size /**/
?H:.
?T:i doinit
?F:!= !signal_cmd
?X: signal.cmd creates a file signal.lst which has two columns:
?X: NAME number, e.g.
?X: HUP 1
?X: The list is sorted on signal number, with duplicates moved to
?X: the end..
: generate list of signal names
echo " "
case "\$sig_name_init" in

```

") doinit=yes ;;
*) case "$sig_num_init" in
  |*,*) doinit=yes ;;
  esac ;;
esac
case "$doinit" in
yes)
echo "Generating a list of signal names and
numbers..." >&4
./signal_cmd
sig_count=`$awk '/^NSIG/ { printf "%d", $2 }' signal.lst`
sig_name=`$awk 'BEGIN { printf "ZERO " }
!/^NSIG/ { printf "%s ", $1 }' signal.lst`
sig_num=`$awk 'BEGIN { printf "0 " }
!/^NSIG/ { printf "%d ", $2 }' signal.lst`
sig_name_init=`$awk 'BEGIN { printf "\"ZERO\", " }
!/^NSIG/ { printf "\"%s\", ", $1 }
END { printf "0\n" }' signal.lst`
sig_num_init=`$awk 'BEGIN { printf "0, " }
!/^NSIG/ { printf "%d, ", $2 }
END { printf "0\n" }' signal.lst`
;;
esac
echo "The following $sig_count signals are available:"
echo " "
echo $sig_name | $awk \
'BEGIN { linelen = 0 }
{
for (i = 1; i <= NF; i++) {
name = "SIG" $i " "
linelen = linelen + length(name)
if (linelen > 70) {
printf "\n"
linelen = length(name)
}
printf "%s", name
}
printf "\n"
}'
sig_size=`echo $sig_name | awk '{print NF}'`
$rm -f signal signal.c signal.awk signal.lst signal_cmd

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sig_name.U

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?RCS: \$Id\$

?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: package.U,v \$
?RCS: Revision 3.0.1.3 1994/10/29 16:27:21 ram
?RCS: patch36: beware of non-ascii character sets when translating case
?RCS:
?RCS: Revision 3.0.1.2 1993/11/10 17:37:02 ram
?RCS: patch14: skip definition of spackage if not otherwise used
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:11:10 ram
?RCS: patch10: added package, suitable for starting sentences
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:28 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:package spackage:
Nothing
?MAKE: -pick wipe \$@ %<
?S:package:
?S: This variable contains the name of the package being constructed.
?S: It is primarily intended for the use of later Configure units.
?S:.
?S:spackage:
?S: This variable contains the name of the package being constructed,
?S: with the first letter uppercased, i.e. suitable for starting
?S: sentences.
?S:.
?C:PACKAGE:
?C: This variable contains the name of the package being built.
?C:.
?H:#define PACKAGE "\$package"
?H:.
?T:first last
: set package name
package='<PACKAGENAME>'
@if spackage
first=`echo \$package | sed -e 's/^(.).*\1/'`
last=`echo \$package | sed -e 's/^(.*)\1/'`
?X:
?X: So early in the Configure script, we don't have ./tr set up and can't
?X: include Tr in our dependency or that would create a cycle. Therefore,

?X: we have to somehow duplicate the work done in Tr. That's life.

?X:

```
case ``echo AbyZ | tr '[:lower:]' '[:upper:]' 2>/dev/null`` in
ABYZ) spackage=`echo $first | tr '[:lower:]' '[:upper:]'`$last;;
*) spackage=`echo
$first | tr '[a-z]' '[A-Z]`'$last;;
esac
@end
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/package.U
```

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?RCS: \$Id: Oldsym.U 1 2006-08-24 12:32:52Z rmanfredi \$

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Oldsym.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:06:58 ram

?RCS: patch61: added support for src.U

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:13 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit follows the creation of the config.sh file. It adds some

?X: special symbols: defines from patchlevel.h file if any and PERL_CONFIG_SH,

?X: which is set to true. Then, we try to keep all the new symbols that

?X: may come from a hint

file or a previous config.sh file.

?X:

?MAKE:Oldsym: Config_sh cat test hint src sed sort uniq perl_patchlevel

?MAKE: -pick add \$@ %<

?T:PERL_CONFIG_SH PERL_PATCHLEVEL sym tmp

?F:!UU

: add special variables

\$test -f \$src/patchlevel.h && \

awk '/^#define[]+PERL_/ {printf "%s=%s\n", \$2, \$3}' \$src/patchlevel.h >>config.sh

echo "PERL_PATCHLEVEL='\$perl_patchlevel'" >>config.sh

echo "PERL_CONFIG_SH=true" >>config.sh

```

: propagate old symbols
if $test -f UU/config.sh; then
?X: Make sure each symbol is unique in oldconfig.sh
<UU/config.sh $sort | $uniq >UU/oldconfig.sh
?X:
?X: All the symbols that appear twice come only from config.sh (hence the
?X: two config.sh in the command line). These symbols will be removed by
?X: the uniq -u command. The oldsyms file thus contains all the symbols
?X: that did not appear in the produced config.sh (Larry Wall).
?X:
?X: Do not touch the -u flag of uniq. This means you too, Jarkko.
?X:
$sed -n 's/^\([a-zA-Z_0-9]*\)=.*\1/p' \
config.sh config.sh UU/oldconfig.sh
\
$sort | $uniq -u >UU/oldsyms
set X ` $cat UU/oldsyms `
shift
case $# in
0) ;;
*)
$cat <<EOM
Hmm...You had some extra variables I don't know about...I'll try to keep 'em...
EOM
echo ": Variables propagated from previous config.sh file." >>config.sh
for sym in ` $cat UU/oldsyms `; do
echo " Propagating $hint variable ""$""$sym..."
eval `tmp=""$""${sym}""`
echo "$tmp" | \
sed -e "s/^\[""/g" -e "s/^\$sym=/'" -e "s/$/'" >>config.sh
done
;;
esac
fi

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/modified/Oldsym.U

```

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```

?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_dlopen.U,v $
?RCS: Revision 3.0.1.2 1995/07/25 13:52:56 ram
?RCS: patch56: force compile-link test since symbol might lie in crt0.o (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:07:34 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_dlopen: Inlibc runnm
?MAKE: -pick add $@ %<
?S:d_dlopen:
?S: This variable conditionally defines the HAS_DLOPEN symbol, which
?S: indicates to the C program that the dlopen() routine
is available.
?S:.
?C:HAS_DLOPEN :
?C: This symbol, if defined, indicates that the dlopen routine is
?C: available.
?C:.
?H:#$d_dlopen HAS_DLOPEN /**/
?H:.
?T: xxx_runnm
?LINT:set d_dlopen
?X: We don't permanently change runnm, but we do temporarily.
?LINT: change runnm
: see if dlopen exists
?X: On NetBSD and FreeBSD, dlopen is available, but it is in
?X: /usr/lib/crt0.o, not in any of the libraries. Therefore, do not
?X: use the nm extraction, but use a real compile and link test instead.
xxx_runnm="$runnm"
runnm=false
set dlopen d_dlopen
eval $inlibc
runnm="$xxx_runnm"

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_dlopen.U

```

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```

?RCS: $Id: sh.U,v 3.0.1.1 1997/02/28 16:20:13 ram Exp $
?RCS:
?RCS: Copyright (c) 1997, Chip Salzenberg
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:

```

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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: sh.U,v \$
?RCS: Revision 3.0.1.1 1997/02/28 16:20:13 ram
?RCS: patch61: created
?RCS:
?MAKE:sh targetsh: Head
?MAKE: -pick wipe \$@ %<
?S:sh:
?S: This variable contains the full pathname of the shell used
?S: on this system to execute Bourne shell scripts. Usually, this will be
?S: /bin/sh, though it's possible that some systems will have /bin/ksh,
?S: /bin/pdksh, /bin/ash, /bin/bash, or even something such as
?S: D:/bin/sh.exe.
?S: This
unit comes before Options.U, so you can't set sh with a -D
?S: option, though you can override this (and startsh)
?S: with -O -Dsh=/bin/whatever -Dstartsh=whatever
?S:.
?S:targetsh:
?S: If cross-compiling, this variable contains the location of sh on the
?S: target system.
?S: If not, this will be the same as \$sh.
?S:.
?C:SH_PATH:
?C: This symbol contains the full pathname to the shell used on this
?C: on this system to execute Bourne shell scripts. Usually, this will be
?C: /bin/sh, though it's possible that some systems will have /bin/ksh,
?C: /bin/pdksh, /bin/ash, /bin/bash, or even something such as
?C: D:/bin/sh.exe.
?C:.
?H:#define SH_PATH "\$targetsh" /**/
?H:.
?T:xxx try pth p SYSTYPE
?LINT:extern maintloc maintname _exe
?X:
?X: Be quiet unless something unusual happens because this gets
?X: loaded up even before options are processed.
?X: Can't use ./loc because that depends on startsh, which, in turn
?X: depends on this unit.
?X:
: Find the basic shell for
Bourne shell scripts
case "\$sh" in


```

")
?X: SYSTYPE is for some older MIPS systems.
?X: I do not know if it is still needed.
case "$SYSTYPE" in
*bsd*|sys5*) xxx="/$SYSTYPE/bin/sh";;
*) xxx="/bin/sh";;
esac
if test -f "$xxx"; then
sh="$xxx"
else
: Build up a list and do a single loop so we can 'break' out.
pth=`echo $PATH | sed -e "s/$p_/ /g"`
for xxx in sh bash ksh pdksh ash; do
for p in $pth; do
try="$try ${p}/${xxx}"
done
done
for xxx in $try; do
if test -f "$xxx"; then
sh="$xxx";
break
elif test "X$_exe" != X -a -f "$xxx$_exe"; then
sh="$xxx";
break
elif test -f "$xxx.exe"; then
sh="$xxx";
break
fi
done
fi
;;
esac

```

?X: fd 4 isn't open yet...

```

case "$sh" in
") cat >&2 <<EOM

```

\$me: Fatal Error: I can't find a Bourne Shell anywhere.

Usually it's in /bin/sh. How did you even get this far?
Please contact me (<\$maintname>) at <\$maintloc> and
we'll try to straighten this all out.

```

EOM
exit 1
;;
esac

```

: When cross-compiling

we need to separate the sh-to-run-Configure-with from the sh-to-use-in-Perl
: default both to the same thing, cross-compilers can then set targetsh differently if they like
targetsh=\$sh

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/sh.U

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```
?RCS: $Id: d_setvbuf.U,v 3.0.1.1 1994/08/29 16:11:57 ram Exp $
?RCS:
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?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_setvbuf.U,v $
?RCS:
?MAKE:d_setvbuf: Inlibc
?MAKE: -pick add $@ %<
?S:d_setvbuf:
?S: This variable conditionally defines the HAS_SETVBUF symbol, which
?S: indicates to the C program that the setvbuf() routine is available
?S: to change buffering on an open stdio stream.
?S:.
?C:HAS_SETVBUF :
?C: This symbol, if defined, indicates that the setvbuf routine is
?C: available to change buffering on an open stdio stream.
?C: to a line-buffered mode.
?C:.
?H:#$d_setvbuf HAS_SETVBUF /**/
?H:.
?LINT:set d_setvbuf
: see if setvbuf exists
set setvbuf d_setvbuf
eval $inlibc
```

Found

in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setvbuf.U

No license file was found, but licenses were detected in source scan.

```
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
```

?MAKE:d_strerror_l: Inlibc
?MAKE: -pick add \$@ %<
?S:d_strerror_l:
?S: This variable conditionally defines the HAS_STRERROR_L symbol, which
?S: indicates to the C program that the strerror_l() routine is available
?S: to return the error message for a given errno value in a particular
?S: locale (identified by a locale_t object).
?S:.
?C:HAS_STRERROR_L:
?C: This symbol, if defined, indicates that the strerror_l routine is
?C: available to return the error message for a given errno value in
?C: a particular locale (identified by a locale_t object).
?C:.
?H:#\$d_strerror_l HAS_STRERROR_L /**/
?H:.
?LINT:set d_strerror_l
: see if strerror_l exists
set strerror_l d_strerror_l
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strerror_l.U

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: \$Log: d_gconvert.U,v \$
?RCS: Revision 3.0.1.3 1997/02/28 15:33:38 ram
?RCS: patch61: integrated new unit from perl5
?RCS:
?RCS: Revision 3.0.1.2 1995/07/25 13:55:59 ram
?RCS: patch56: improved comments about the Gconvert macro (ADO)
?RCS: patch56: force compile-link test since it may exist but be unusable (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:12:51 ram
?RCS: patch36: created by ADO
?RCS:

```

?MAKE:d_Gconvert:
cat cc cflags ldflags libs rm_try _o
?MAKE: -pick add $@ %<
?S:d_Gconvert:
?S: This variable holds what Gconvert is defined as to convert
?S: floating point numbers into strings. It could be 'gconvert'
?S: or a more complex macro emulating gconvert with gcvt() or sprintf.
?S:.
?C:Gconvert:
?C: This preprocessor macro is defined to convert a floating point
?C: number to a string without a trailing decimal point. This
?C: emulates the behavior of sprintf("%g"), but is sometimes much more
?C: efficient. If gconvert() is not available, but gcvt() drops the
?C: trailing decimal point, then gcvt() is used. If all else fails,
?C: a macro using sprintf("%g") is used. Arguments for the Gconvert
?C: macro are: value, number of digits, whether trailing zeros should
?C: be retained, and the output buffer.
?C: Possible values are:
?C: d_Gconvert='gconvert((x),(n),(t),(b))'
?C: d_Gconvert='gcvt((x),(n),(b))'
?C: d_Gconvert='sprintf((b),"%.*g",(n),(x))'
?C: The last two assume trailing zeros should
not be kept.
?C:.
?H:#define Gconvert(x,n,t,b) $d_Gconvert
?H:.
?T: xxx_list xxx_convert
?F:!try
?X:
: Check how to convert floats to strings.
echo " "
echo "Checking for an efficient way to convert floats to strings."
?X: We want to be sure to drop trailing decimal points (perl5
?X: needs this).
$cat >try.c <<'EOP'
#ifdef TRY_gconvert
#define Gconvert(x,n,t,b) gconvert((x),(n),(t),(b))
char *myname = "gconvert";
#endif
#ifdef TRY_gcvt
#define Gconvert(x,n,t,b) gcvt((x),(n),(b))
char *myname = "gcvt";
#endif
#ifdef TRY_sprintf
#define Gconvert(x,n,t,b) sprintf((b),"%.*g",(n),(x))
char *myname = "sprintf";
#endif

```

```

#include <stdio.h>

int
checkit(expect, got)
char *expect;
char *got;
{
    if (strcmp(expect, got) {
        printf("%s oddity: Expected %s, got %s\n",
            myname, expect, got);
        exit(1);
    }
}

int
int main()
{
    char buf[64];
    buf[63] = '\0';

    /* This must be 1st test on (which?) platform */
    /* Alan Burlison <AlanBurlsin@unn.unisys.com> */
    Gconvert(0.1, 8, 0, buf);
    checkit("0.1",
        buf);

    Gconvert(1.0, 8, 0, buf);
    checkit("1", buf);

    Gconvert(0.0, 8, 0, buf);
    checkit("0", buf);

    Gconvert(-1.0, 8, 0, buf);
    checkit("-1", buf);

    /* Some Linux gcvt's give 1.e+5 here. */
    Gconvert(100000.0, 8, 0, buf);
    checkit("100000", buf);

    /* Some Linux gcvt's give -1.e+5 here. */
    Gconvert(-100000.0, 8, 0, buf);
    checkit("-100000", buf);

    exit(0);
}
EOP
?X: List of order in which to search for functions.
?X: Usual order of efficiency is gconvert gcvt sprintf

```

```

?X: Respect a previous or hinted value.
case "$d_Gconvert" in
gconvert*) xxx_list='gconvert gcvt sprintf' ;;
gcvt*) xxx_list='gcvt gconvert sprintf' ;;
sprintf*) xxx_list='sprintf gconvert gcvt' ;;
*) xxx_list='gconvert gcvt sprintf' ;;
esac

for xxx_convert in $xxx_list; do
echo "Trying $xxx_convert"
$rm_try
if $cc $ccflags -DTRY_$xxx_convert $ldflags -o try \
try.c $libs > /dev/null 2>&1 ; then
echo "$xxx_convert" found. >&4
if ./try; then
echo "I'll use $xxx_convert to convert floats
into a string." >&4
break;
else
echo "...But $xxx_convert didn't work as I expected."
fi
else
echo "$xxx_convert NOT found." >&4
fi
done

case "$xxx_convert" in
gconvert) d_Gconvert='gconvert((x),(n),(t),(b))' ;;
gcvt) d_Gconvert='gcvt((x),(n),(b))' ;;
*) d_Gconvert='sprintf((b),"%.*g",(n),(x))' ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_gconvert.U

```

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?RCS:

?MAKE:d_finitel: Inlibc

?MAKE: -pick add \$@ %<

?S:d_finitel:

?S: This variable conditionally defines the HAS_FINITEL symbol, which

?S: indicates to the C program that the finitel() routine is available.

?S:.

?C:HAS_FINITEL:

?C: This symbol, if defined, indicates that the finitel routine is

?C: available to check whether a long double is finite

?C: (non-infinity non-NaN).

?C:.

?H:#\$d_finitel HAS_FINITEL /**/

?H:.

?LINT:set d_finitel

: see if finitel exists

set finitel d_finitel

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_finitel.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_class: Inlibc

?MAKE: -pick add \$@ %<

?S:d_class:

?S: This variable conditionally defines the HAS_CLASS symbol, which

?S: indicates to the C program that the class() routine is available.

?S:.

?C:HAS_CLASS:

?C: This symbol, if defined, indicates that the class routine is

?C: available to classify doubles. Available for example in AIX.

?C: The returned values are defined in <float.h> and are:

?C:

?C: FP_PLUS_NORM Positive normalized, nonzero

?C: FP_MINUS_NORM Negative normalized, nonzero

?C: FP_PLUS_DENORM Positive denormalized, nonzero

?C: FP_MINUS_DENORM Negative denormalized, nonzero

?C: FP_PLUS_ZERO +0.0

?C: FP_MINUS_ZERO -0.0

?C: FP_PLUS_INF +INF

?C: FP_MINUS_INF -INF

?C: FP_NANS Signaling

Not a Number (NaNS)

?C: FP_NANQ Quiet Not a Number (NaNQ)

```
?C:.
?H:#$d_class HAS_CLASS /**/
?H:.
?LINT:set d_class
: see if class exists
set class d_class
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_class.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_drand48proto: Hasproto i_stdlib i_unistd
?MAKE: -pick add $@ %<
?S:d_drand48proto:
?S: This variable conditionally defines the HAS_DRAND48_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the drand48() function. Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_DRAND48_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the drand48() function. Otherwise, it is up
?C: to the program to supply one. A good guess
is
?C: extern double drand48(void);
?C:.
?H:#$d_drand48proto HAS_DRAND48_PROTO /**/
?H:.
?LINT:set d_drand48proto
: see if prototype for drand48 is available
echo " "
set d_drand48proto drand48 $i_stdlib stdlib.h $i_unistd unistd.h
eval $hasproto
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```


5.30.0/U/protos/d_drاند48proto.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_unordered: Inlibc

?MAKE: -pick add \$@ %<

?S:d_unordered:

?S: This variable conditionally defines the HAS_UNORDERED symbol, which

?S: indicates to the C program that the unordered() routine is available.

?S:.

?C:HAS_UNORDERED:

?C: This symbol, if defined, indicates that the unordered routine is

?C: available to check whether two doubles are unordered

?C: (effectively: whether either of them is NaN)

?C:.

?H:#\$d_unordered HAS_UNORDERED /**/

?H:.

?LINT:set d_unordered

: see if unordered exists

set unordered d_unordered

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d_unordered.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_times.U,v \$

?RCS: Revision 3.0.1.2 1995/07/25 14:07:50 ram

?RCS: patch56: typo fix, sytem -> system

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:14:00 ram

```

?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:46 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: What is the type returned by times() ?
?X:
?X: Force inclusion of <sys/types.h>
?X:INC: i_systypes
?MAKE:d_times clocktype: Csym Myread Typedef i_systimes
?MAKE: -pick
add $@ %<
?S:d_times:
?S: This variable conditionally defines the HAS_TIMES symbol, which indicates
?S: that the times() routine exists. The times() routine is normally
?S: provided on UNIX systems. You may have to include <sys/times.h>.
?S:.
?S:clocktype:
?S: This variable holds the type returned by times(). It can be long,
?S: or clock_t on BSD sites (in which case <sys/types.h> should be
?S: included).
?S:.
?C:HAS_TIMES (TIMES):
?C: This symbol, if defined, indicates that the times() routine exists.
?C: Note that this became obsolete on some systems (SUNOS), which now
?C: use getrusage(). It may be necessary to include <sys/times.h>.
?C:.
?C:Clock_t (CLOCKTYPE):
?C: This symbol holds the type returned by times(). It can be long,
?C: or clock_t on BSD sites (in which case <sys/types.h> should be
?C: included).
?C:.
?H:#$d_times HAS_TIMES /**/
?H:#define Clock_t $clocktype /* Clock time */
?H:.
?T:val inc
: see if times exists
echo " "
if set times val -f d_times; eval $csym;
$val; then
echo 'times() found.' >&4
d_times="$define"
inc="
case "$i_systimes" in
"$define") inc='sys/times.h';
esac
set clock_t clocktype long stdio.h sys/types.h $inc

```

```

eval $typedef
dflt="$clocktype"
echo " "
rp="What type is returned by times() on this system?"
./myread
clocktype="$ans"
else
echo 'times() NOT found, hope that will do.' >&4
d_times="$undef"
?X: The following is needed for typedef (won't like an empty variable)
clocktype='int'
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_times.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: ipc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: ipc.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:53 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:ipc serve_shm serve_msg serve_inet_udp serve_inet_tcp serve_unix_udp \
serve_unix_tcp: test Myread Oldconfig d_socket d_msg d_shm d_sem
?MAKE: -pick add $@ %<
?LINT:use d_msg d_sem
?S:ipc:
?S: This variable holds the type of IPC service we'll be using. Values
?S: include "ip", "shm", "msg", "cms" and "os9". We don't worry about
?S: cms or os9
here, because Configure doesn't run in those places--HMS.
?S:.
?S:serve_shm:
?S: This variable controls the definition of SERVE_SHM, which tells the
?S: C program to use USG shared memory for IPC.
?S:.
?S:serve_msg:
?S: This variable controls the definition of SERVE_MSG, which tells the

```

?S: C program to use USG message queues for IPC.

?S:.

?S:serve_inet_udp:

?S: This variable controls the definition of SERVE_INET_UDP, which tells

?S: the C program to enable InterNet-domain UDP support for IPC.

?S:.

?S:serve_inet_tcp:

?S: This variable controls the definition of SERVE_INET_TCP, which tells

?S: the C program to enable InterNet-domain TCP support for IPC.

?S:.

?S:serve_unix_udp:

?S: This variable controls the definition of SERVE_UNIX_UDP, which tells

?S: the C program to enable Unix-domain UDP support for IPC.

?S:.

?S:serve_unix_tcp:

?S: This variable controls the definition of SERVE_UNIX_TCP, which tells

?S: the C program to enable Unix-domain TCP support for IPC.

?S:.

?C:SERVE_SHM:

?C: If

defined, tells the C program to use USG shared memory for IPC.

?C:.

?C:SERVE_MSG:

?C: If defined, tells the C program to use USG message queues for IPC.

?C:.

?C:SERVE_INET_UDP:

?C: If defined, tells the C program to enable InterNet-domain UDP

?C: support for IPC.

?C:.

?C:SERVE_INET_TCP:

?C: If defined, tells the C program to enable InterNet-domain TCP

?C: support for IPC.

?C:.

?C:SERVE_UNIX_UDP:

?C: If defined, tells the C program to enable Unix-domain UDP

?C: support for IPC.

?C:.

?C:SERVE_UNIX_TCP:

?C: If defined, tells the C program to enable Unix-domain TCP

?C: support for IPC.

?C:.

?H:#\$serve_shm SERVE_SHM /**/

?H:#\$serve_msg SERVE_MSG /**/

?H:#\$serve_inet_udp SERVE_INET_UDP /**/

?H:#\$serve_inet_tcp SERVE_INET_TCP /**/

?H:#\$serve_unix_udp SERVE_UNIX_UDP /**/

?H:#\$serve_unix_tcp SERVE_UNIX_TCP /**/

?H:.

```

?X: FIXME -- RAM
?INIT:serve_shm=""
?INIT:serve_msg="$undef"
?INIT:serve_inet_udp=""
?INIT:serve_inet_tcp=""
?INIT:serve_unix_udp=""
?INIT:serve_unix_tcp=""
: get IPC mechanism
echo
" "
ipc=""
while $test -z "$ipc"
do
if $test "$ipc" != "shm" -a "$d_socket" = "$define"; then
ipc=""
if $test "$serve_inet_udp" = "$undef"; then
dflt=n
else
dflt=y
fi
rp='Provide InterNet-domain UDP service?'
./myread
dflt=""
case "$ans" in
n*) serve_inet_udp="$undef";;
*)
serve_inet_udp="$define"
ipc='ip'
;;
esac

if $test "$serve_inet_tcp" = "$define"; then
dflt=y
else
dflt=n
fi
rp='Provide InterNet-domain TCP service?'
./myread
dflt=""
case "$ans" in
n*) serve_inet_tcp="$undef";;
*)
serve_inet_tcp="$define"
ipc='ip'
;;
esac

if $test "$serve_unix_udp" = "$define"; then

```

```

dflt=y
else
dflt=n
fi
rp='Provide Unix-domain UDP service?'
./myread
dflt=""
case "$ans" in
n*) serve_unix_udp="$undef";;
*)
serve_unix_udp="$define"
ipc='ip'
;;
esac

if $test "$serve_unix_tcp" = "$define"; then
dflt=y
else
dflt=n
fi
rp='Provide Unix-domain TCP service?'
./myread
dflt=""
case
"$ans" in
n*) serve_unix_tcp="$undef";;
*)
serve_unix_tcp="$define"
ipc='ip'
;;
esac
else
serve_inet_udp="$undef"
serve_inet_tcp="$undef"
serve_unix_udp="$undef"
serve_unix_tcp="$undef"
fi
if $test "$ipc" != "ip" -a "$d_shm" = "$define"; then
echo "Providing USG shared memory IPC support." >&4
serve_shm="$define"
ipc='shm'
else
serve_shm="$undef"
fi
if $test -z "$ipc"; then
echo "You must select an IPC mechanism." >&4
fi
done

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/IPC.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: sizetype.U,v 3.0.1.1 1994/08/29 16:32:10 ram Exp $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
```

```
?RCS:
```

```
?RCS: $Log: sizetype.U,v $
```

```
?RCS: Revision 3.0.1.1 1994/08/29 16:32:10 ram
```

```
?RCS: patch32: created by ADO
```

```
?RCS:
```

```
?MAKE:sizetype: Myread Typedef
```

```
?MAKE: -pick add $@ %<
```

```
?S:sizetype:
```

```
?S: This variable defines sizetype to be something like size_t,
```

```
?S: unsigned long, or whatever type is used to declare length
```

```
?S: parameters for string functions.
```

```
?S:.
```

```
?C:Size_t:
```

```
?C: This symbol holds the type used  
to declare length parameters
```

```
?C: for string functions. It is usually size_t, but may be
```

```
?C: unsigned long, int, etc. It may be necessary to include
```

```
?C: <sys/types.h> to get any typedef'ed information.
```

```
?C:.
```

```
?H:#define Size_t $sizetype /* length parameter for string functions */
```

```
?H:.
```

```
?LINT: set sizetype
```

```
: see what type is used for size_t
```

```
rp="What is the type used for the length parameter for string functions?"
```

```
set size_t sizetype 'unsigned int' stdio.h sys/types.h
```

```
eval $typedef_ask
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/sizetype.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_wait3.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_wait3.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:01 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_wait3: Inlibc
?MAKE: -pick add $@ %<
?S:d_wait3:
?S: This variable conditionally defines the HAS_WAIT3 symbol, which
?S: indicates to the C program that the wait3() subroutine exists.
?S:.
?C:HAS_WAIT3:
?C: This symbol, if defined, indicates that the wait3() subroutine
?C: exists.
?C:.
?H:#$d_wait3 HAS_WAIT3 /**/
?H:.
?LINT:set d_wait3
:
  see if 'wait3()' exists
  set wait3 d_wait3
  eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wait3.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 2017, Lukas Mai
?RCS:
?RCS: You may distribute this file under the terms of either
?RCS:  a) the "Artistic License" which comes with Perl, or
?RCS:  b) the "Artistic License" which comes with dist, or
?RCS:  c) the GNU General Public License as published by the Free
?RCS:  Software Foundation; either version 1, or (at your option) any
?RCS:  later version (see the file "Copying" that comes with the
?RCS:  Perl distribution).
```


?RCS: Which one to use is your choice.

?RCS: See the U/README file.

?MAKE:d_builtin_add_overflow d_builtin_sub_overflow d_builtin_mul_overflow : Compile Setvar cat run rm_try

?MAKE: -pick add \$@ %<

?S:d_builtin_add_overflow:

?S: This variable conditionally defines HAS_BUILTIN_ADD_OVERFLOW, which

?S: indicates that the compiler supports __builtin_add_overflow(x,y,&z)

?S: for safely adding x and y into z while checking for overflow.

?S:.

?S:d_builtin_sub_overflow:

?S: This

variable conditionally defines HAS_BUILTIN_SUB_OVERFLOW, which

?S: indicates that the compiler supports __builtin_sub_overflow(x,y,&z)

?S: for safely subtracting y from x into z while checking for overflow.

?S:.

?S:d_builtin_mul_overflow:

?S: This variable conditionally defines HAS_BUILTIN_MUL_OVERFLOW, which

?S: indicates that the compiler supports __builtin_mul_overflow(x,y,&z)

?S: for safely multiplying x and y into z while checking for overflow.

?S:.

?C:HAS_BUILTIN_ADD_OVERFLOW:

?C: This symbol, if defined, indicates that the compiler supports

?C: __builtin_add_overflow for adding integers with overflow checks.

?C:.

?C:HAS_BUILTIN_SUB_OVERFLOW:

?C: This symbol, if defined, indicates that the compiler supports

?C: __builtin_sub_overflow for subtracting integers with overflow checks.

?C:.

?C:HAS_BUILTIN_MUL_OVERFLOW:

?C: This symbol, if defined, indicates that the compiler supports

?C: __builtin_mul_overflow for multiplying integers with overflow checks.

?C:.

?H:#\$d_builtin_add_overflow
HAS_BUILTIN_ADD_OVERFLOW /**/
?H:#\$d_builtin_sub_overflow HAS_BUILTIN_SUB_OVERFLOW /**/
?H:#\$d_builtin_mul_overflow HAS_BUILTIN_MUL_OVERFLOW /**/
?H:.

?F:!try

?LINT:set d_builtin_add_overflow d_builtin_sub_overflow d_builtin_mul_overflow
: Look for GCC-style __builtin_add_overflow
case "\$d_builtin_add_overflow" in
")
echo " "
echo "Checking whether your compiler can handle __builtin_add_overflow ..." >&4
\$cat >try.c <<'EOCP'

```
int main(void) {
    const unsigned int uint_max = ~0u;
    int target_int = 0;
```

```

if (__builtin_add_overflow(1, 2, &target_int) || target_int != 3) {
    return 1;
}
if (!__builtin_add_overflow((int)(uint_max >> 1), 1, &target_int)) {
    return 1;
}
if (!__builtin_add_overflow(uint_max, -1, &target_int)) {
    return 1;
}
return 0;
}
EOCP
set try
if eval $compile && $run ./try; then
    echo "Your C compiler supports __builtin_add_overflow."
    val="$define"
else
    echo
    "Your C compiler doesn't seem to understand __builtin_add_overflow."
    val="$undef"
fi
;;
*) val="$d_builtin_add_overflow" ;;
esac

set d_builtin_add_overflow
eval $setvar
$rm_try

: Look for GCC-style __builtin_sub_overflow
case "$d_builtin_sub_overflow" in
")
    echo " "
    echo "Checking whether your compiler can handle __builtin_sub_overflow ..." >&4
    $cat >try.c <<'EOCP'
int main(void) {
    const unsigned int uint_max = ~0u;
    int target_int = 0;
    if (__builtin_sub_overflow(1, -2, &target_int) || target_int != 3) {
        return 1;
    }
    if (!__builtin_sub_overflow(-(int)(uint_max >> 1), 2, &target_int)) {
        return 1;
    }
    if (!__builtin_sub_overflow(uint_max, 1, &target_int)) {
        return 1;
    }
    return 0;
}

```

```

}
EOCP
set try
if eval $compile && $run ./try; then
    echo "Your C compiler supports __builtin_sub_overflow."
    val="$define"
else
    echo "Your C compiler doesn't seem to understand __builtin_sub_overflow."
    val="$undef"
fi
;;
*) val="$d_builtin_sub_overflow" ;;
esac

set d_builtin_sub_overflow
eval $setvar
$rm_try

: Look for GCC-style __builtin_mul_overflow
case "$d_builtin_mul_overflow" in
")
    echo " "
    echo "Checking whether your compiler can handle __builtin_mul_overflow ..." >&4
    $cat >try.c <<'EOCP'
int main(void) {
    const unsigned int uint_max = ~0u;
    int target_int = 0;
    if (__builtin_mul_overflow(2, 3, &target_int) || target_int != 6) {
        return 1;
    }
    if (!__builtin_mul_overflow((int)(uint_max >> 1), 2, &target_int)) {
        return 1;
    }
    if (!__builtin_mul_overflow(uint_max, 1, &target_int)) {
        return 1;
    }
    return 0;
}
EOCP
set try
if eval $compile && $run ./try; then
    echo "Your C compiler supports __builtin_mul_overflow."
    val="$define"
else
    echo "Your C compiler doesn't seem to understand __builtin_mul_overflow."
    val="$undef"
fi
;;

```

```
*) val="$d_builtin_mul_overflow"  
;;  
esac
```

```
set d_builtin_mul_overflow  
eval $setvar  
$rm_try
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_builtin_overflow.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getpwent.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1998 Andy Dougherty
```

```
?RCS:
```

```
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```

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```

```
?RCS:
```

```
?RCS: $Log: d_getpwent.U,v $
```

```
?RCS:
```

```
?MAKE:d_getpwent: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_getpwent:
```

```
?S: This variable conditionally defines the HAS_GETPWENT symbol, which
```

```
?S: indicates to the C program that the getpwent() routine is available
```

```
?S: for sequential access of the passwd database.
```

```
?S:.
```

```
?C:HAS_GETPWENT:
```

```
?C: This symbol, if defined, indicates that the getpwent routine is
```

```
?C: available for sequential access of the passwd database.
```

```
?C: If this is not available, the older getpw() function may be available.
```

```
?C:.
```

```
?H:#$d_getpwent HAS_GETPWENT /**/
```

```
?H:.
```

```
?LINT:set d_getpwent
```

```
: see if getpwent exists
```

```
set getpwent d_getpwent
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getpwent.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_su_chown.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_su_chown.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:40 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_su_chown: Csym Setvar
?MAKE: -pick add $@ %<
?S:d_su_chown (d_rootchown):
?S: This variable conditionally defines the SU_CHOWN symbol, which
?S: indicates to the C program that only root can chown() the owner
?S: of a file.
?S:.
?C:SU_CHOWN (ROOT_CHOWN):
?C: This symbol, if defined, indicates that the system allows only root
?C: can
?C: change the owner of a file with chown().
?C:.
?H:#$d_su_chown SU_CHOWN /**/
?H:.
?LINT:set d_su_chown
: see if 'chown()' is restricted.
: but not too hard, as it is late and I am tired. -- HMS
echo " "
if set setreuid val -f d_su_chown; eval $csym; $val; then
echo 'It looks like only root can chown() the owner of a file.' >&4
val="$define"
else
echo 'It looks like root or the owner can chown() a file away.' >&4
val="$undef"
fi
set d_su_chown
eval $setvar

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_su_chown.U
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?RCS: $Id: d_msem_1ck.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

```

```

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_msem_lck.U,v $
?MAKE:d_msem_lck: Inlibc
?MAKE: -pick add $@ %<
?S:d_msem_lck:
?S: This variable conditionally defines HAS_MSEM_LOCK if msem_lock() is
?S: available, thereby indicating kernel support for memory semaphores.
?S:.
?C:HAS_MSEM_LOCK:
?C: This symbol, if defined, indicates that memory semaphores are
?C: available to protect mmap()'ed regions.
?C:.
?H:#$d_msem_lck HAS_MSEM_LOCK /**/
?H:.
?LINT:set d_msem_lck
: see if msem_lock exists
set
msem_lock d_msem_lck
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_msem_lck.U

```

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```

?RCS: $Id: etc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: etc.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:07 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:etc etcexp: Getfile Loc Oldconfig
?MAKE: -pick add $@ %<
?S:etc:

```

?S: This variable holds the name of the directory in which the user wants
?S: to put "administrative" executable images for the package in question.
?S: It is most often a local directory such as /usr/local/etc. Programs
?S: relying on this variable must be prepared to deal with

~name

?S: substitutions.

?S:.

?S:etccexp:

?S: This is the same as the etc variable, but is filename expanded at

?S: configuration time, for convenient use in makefiles.

?S:.

: determine where administrative executables go

case "\$etc" in

")

dflt=`./loc ./local/etc /usr/local/etc /local/etc /usr/etc /etc`

::

*)

dflt="\$etc"

::

esac

fn=d~

rp="Where should the administrative executables go?"

./getfile

etc="\$ans"

etccexp="\$ansexp"

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/etc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Extensions.U,v\$

?RCS:

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?RCS:

?RCS: \$Log: Extensions.U,v \$

?RCS:

?MAKE:known_extensions extensions dynamic_ext static_ext nonxs_ext \

useposix useopcode uselanginfo : \

Myread hint usedl d_sem d_socket i_db i_dbm i_rpcsvdbm i_gdbm \

d_ndbm usethreads use5005threads package test cat rsrc \

d_msg d_shm osname use64bitint \

libs d_cplusplus sed ls rm contains trnl sort

?MAKE: -pick add \$@ %<

?Y:BOTTOM

?S:known_extensions:

?S: This variable holds a list of all extensions (both XS and non-xs)

?S: included in the package source distribution. This information is

?S: only really of use during the Perl build, as the list makes no

?S: distinction between extensions which were build and installed, and

?S: those which

where not. See "extensions" for the list of extensions

?S: actually built and available.

?S:.

?S:dynamic_ext:

?S: This variable holds a list of XS extension files we want to

?S: link dynamically into the package. It is used by Makefile.

?S:.

?S:static_ext:

?S: This variable holds a list of XS extension files we want to

?S: link statically into the package. It is used by Makefile.

?S:.

?S:nonxs_ext:

?S: This variable holds a list of all non-xs extensions built and

?S: installed by the package. By default, all non-xs extensions

?S: distributed will be built, with the exception of platform-specific

?S: extensions (currently only one VMS specific extension).

?S:.

?S:extensions:

?S: This variable holds a list of all extension files (both XS and

?S: non-xs) installed with the package. It is propagated to Config.pm

?S: and is typically used to test whether a particular extension

?S: is available.

?S:.

?S:useposix:

?S: This variable holds either 'true' or 'false' to indicate

?S: whether the

POSIX extension should be used. The sole

?S: use for this currently is to allow an easy mechanism

?S: for hints files to indicate that POSIX will not compile

?S: on a particular system.

?S:.

?S:useopcode:

?S: This variable holds either 'true' or 'false' to indicate

?S: whether the Opcode extension should be used. The sole

?S: use for this currently is to allow an easy mechanism

?S: for users to skip the Opcode extension from the Configure

?S: command line.

?S:.

?S:uselanginfo:

?S: This variable holds either 'true' or 'false' to indicate

?S: whether the I18N::Langinfo extension should be used. The sole

?S: use for this currently is to allow an easy mechanism for users to skip


```

?S: this extension from the Configure command line.
?S:.
?T:xxx avail_ext this_ext tdir xs_extensions nonxs_extensions find_extensions
?INIT:: set useposix=false in your hint file to disable the POSIX extension.
?INIT:useposix=true
?INIT:: set useopcode=false in your hint file to disable the Opcode extension.
?INIT:useopcode=true
?INIT::
    set uselanginfo=false in your hint file to disable the I18N::Langinfo extension.
?INIT:uselanginfo=true
?LINT:extern noextensions
?LINT:extern onlyextensions
?T:keepextensions i
: Check extensions
echo " "
echo "Looking for extensions..." >&4
: If we are using the old config.sh, nonxs_extensions and xs_extensions may
: contain old or inaccurate or duplicate values.
nonxs_extensions="
xs_extensions="
: We do not use find because it might not be available.
: We do not just use MANIFEST because the user may have dropped
: some additional extensions into the source tree and expect them
: to be built.

: Function to recursively find available extensions, ignoring DynaLoader
: NOTE: recursion limit of 10 to prevent runaway in case of symlink madness
: In 5.10.1 and later, extensions are stored in directories
: like File-Glob instead of the older File/Glob/.
find_extensions='
    for xxx in *; do
    case "$xxx" in
        DynaLoader|dynaload) ;;
        *)
            this_ext=`echo
"$xxx" | $sed -e s/-/\\/g`;
            case "$this_ext" in
                Scalar/List/Utils) this_ext="List/Util" ;;
                PathTools)    this_ext="Cwd" ;;
                esac;
            echo " $xs_extensions $nonxs_extensions" > "$tdir/$.tmp";
            if $contains " $this_ext " "$tdir/$.tmp"; then
            echo >&4;
            echo "Duplicate directories detected for extension $xxx" >&4;
            echo "Configure cannot correctly recover from this - shall I abort?" >&4;
            case "$knowitall" in
                "") dflt=y;;
                *) dflt=n;;

```

```

esac;
../UU/myread;
case "$ans" in
n*|N*) ;;
*) echo >&4;
    echo "Ok. Stopping Configure." >&4;
    echo "Please remove the duplicate directory (e.g. using git clean) and then re-run Configure" >&4;
    exit 1;;
esac;
echo "Ok. You will need to correct config.sh before running make." >&4;
fi;
$ls -l "$xxx" > "$tdir/$$.tmp";
if $contains "\.xs$" "$tdir/$$.tmp" > /dev/null 2>&1; then
xs_extensions="$xs_extensions $this_ext";
elif $contains "\.c$" "$tdir/$$.tmp" > /dev/null
2>&1; then
xs_extensions="$xs_extensions $this_ext";
elif $test -d "$xxx"; then
nonxs_extensions="$nonxs_extensions $this_ext";
fi;
$rm -f "$tdir/$$.tmp";
;;
esac;
done'
tdir=`pwd`
cd "$rsrc/cpan"
set X
shift
eval $find_extensions
cd "$rsrc/dist"
set X
shift
eval $find_extensions
cd "$rsrc/ext"
set X
shift
eval $find_extensions
set X $xs_extensions
shift
xs_extensions=`echo "$*" | tr ' ' $trnl | $sort | tr $trnl ' '`
set X $nonxs_extensions
shift
nonxs_extensions=`echo "$*" | tr ' ' $trnl | $sort | tr $trnl ' '`
cd "$tdir"
known_extensions=`echo $nonxs_extensions $xs_extensions | tr ' ' $trnl | $sort | tr $trnl ' '`

```

: Now see which are supported on this system.

?X: avail_ext lists available XS extensions.

```

avail_ext="
for xxx in $xs_extensions ; do
case "$xxx" in
?X: Handle possible DOS 8.3 filename and case alterations
Amiga*)
case "$osname" in
amigaos) avail_ext="$savail_ext $xxx" ;;
esac
;;
DB_File|db_file)
case "$i_db" in
$define)
avail_ext="$savail_ext $xxx" ;;
esac
;;
GDBM_File|gdbm_fil)
case "$i_gdbm" in
$define) avail_ext="$savail_ext $xxx" ;;
esac
;;
IPC/SysV|ipc/sysv)
: XXX Do we need a useipcsysv variable here
case "${d_msg}${d_sem}${d_shm}" in
*"${define})*" avail_ext="$savail_ext $xxx" ;;
esac
;;
NDBM_File|ndbm_fil)
case "$d_ndbm" in
$define)
case "$osname-$use64bitint" in
hpux-define)
case "$libs" in
*-lndbm*) avail_ext="$savail_ext $xxx" ;;
esac
;;
*) avail_ext="$savail_ext $xxx" ;;
esac
;;
esac
;;
ODBM_File|odbm_fil)
case "${i_dbm}${i_rpcsvcdbm}" in
*"${define})*"
case "$d_cplusplus" in
define) ;; # delete as a function name will not work
*) case "$osname-$use64bitint" in
hpux-define)
case "$libs" in

```

```

    *-ldb*) avail_ext="$avail_ext $xxx" ;;
    esac
    ;;
    *) avail_ext="$avail_ext $xxx" ;;
    esac
    ;;
    esac
    ;;
    esac
    ;;
Opcode|opcode)
    case "$useopcode" in
    true|define|y)
        avail_ext="$avail_ext $xxx" ;;
    esac
    ;;
    POSIX|posix)
    case "$useposix" in
    true|define|y) avail_ext="$avail_ext $xxx" ;;
    esac
    ;;
    Socket|socket)
    case "$d_socket" in
    true|$define|y) avail_ext="$avail_ext $xxx" ;;
    esac
    ;;
    I18N/Langinfo|langinfo)
    case "$uselanginfo" in
    true|define|y) avail_ext="$avail_ext $xxx" ;;
    esac
    ;;
    Sys/Syslog|sys/syslog)
    case $osname in
    amigaos) ;; # not really very useful on AmigaOS
    *)
        : XXX syslog requires socket
    case "$d_socket" in
    true|$define|y) avail_ext="$avail_ext $xxx" ;;
    esac
    ;;
    esac
    ;;
    Thread|thread)
        case "$usetthreads" in
        true|$define|y)
            case "$use5005threads" in
            $define|true|[yY]*) avail_ext="$avail_ext $xxx" ;;
            esac
        esac
    esac

```

```

esac
;;
threads|threads/shared)
# threads and threads::shared are special cases.
# To stop people from asking "Perl 5.8.0 was supposed
# to have this new fancy threads
implementation but my
# perl doesn't have it" and from people trying to
# (re)install the threads module using CPAN.pm and
# CPAN.pm then offering to reinstall Perl 5.8.0,
# the threads.pm and threads/shared.pm will always be
# there, croaking informatively ("you need to rebuild
# all of Perl with threads, sorry") when threads haven't
# been compiled in.
# --jhi
avail_ext="$avail_ext $xxx"
;;
VMS*)
;;
Win32*)
case "$osname" in
cygwin) avail_ext="$avail_ext $xxx" ;;
esac
;;
XS/APItest|xs/apitest)
# This is just for testing. Skip it unless we have dynamic loading.

case "$usedl" in
$define) avail_ext="$avail_ext $xxx" ;;
esac
;;
XS/Typemap|xs/typemap)
# This is just for testing. Skip it unless we have dynamic loading.
case "$usedl" in
$define) avail_ext="$avail_ext $xxx" ;;
esac
;;
*) avail_ext="$avail_ext $xxx"
;;
esac
done

set X $avail_ext
shift
avail_ext="$*"

case "$onlyextensions" in
") ;;

```

```

*) keepextensions="
  echo
  "You have requested that only certain extensions be included..." >&4
  for i in $onlyextensions; do
    case " $avail_ext " in
      *" $i "*)
        echo "Keeping extension $i."
        keepextensions="$keepextensions $i"
        ;;
      *) echo "Ignoring extension $i." ;;
    esac
  done
  avail_ext="$keepextensions"
  ;;
esac

```

```

case "$noextensions" in
  *) ;;
*) keepextensions="
  echo "You have requested that certain extensions be ignored..." >&4
  for i in $avail_ext; do
    case " $noextensions " in
      *" $i "*) echo "Ignoring extension $i." ;;
      *) echo "Keeping extension $i.";
        keepextensions="$keepextensions $i"
        ;;
    esac
  done
  avail_ext="$keepextensions"
  ;;
esac

```

: Now see which nonxs extensions are supported on this system.

: For now assume all are.

```

nonxs_ext="
for xxx in $nonxs_extensions ; do
  case "$xxx" in
    VMS*)
      ;;
    *) nonxs_ext="$nonxs_ext $xxx"
      ;;
  esac
done

```

```

set X $nonxs_ext
shift
nonxs_ext="$*"

```

case

\$usedl in

\$define)

\$cat <<EOM

A number of extensions are supplied with \$package. You may choose to compile these extensions for dynamic loading (the default), compile them into the \$package executable (static loading), or not include them at all. Answer "none" to include no extensions.

Note that DynaLoader is always built and need not be mentioned here.

EOM

```
case "$dynamic_ext" in
```

```
)
```

```
: Exclude those listed in static_ext
```

```
dflt="
```

```
for xxx in $avail_ext; do
```

```
case " $static_ext " in
```

```
*" $xxx ") ;;
```

```
*) dflt="$dflt $xxx" ;;
```

```
esac
```

```
done
```

```
set X $dflt
```

```
shift
```

```
dflt="$*"
```

```
;;
```

```
*) dflt="$dynamic_ext"
```

```
# Perhaps we are reusing an old out-of-date config.sh.
```

```
case "$hint" in
```

```
previous)
```

```
if test X"$dynamic_ext" != X"$avail_ext"; then
```

```
    $cat <<EOM
```

NOTICE: Your previous config.sh list may be incorrect.

The extensions now available to you are

```
${avail_ext}
```

but the default list from your previous config.sh is

```
${dynamic_ext}
```

EOM

```
fi
```

```
;;
```

```
esac
```

```
;;
```

```
esac
```

```
case
```

```
"$dflt" in
```

```
) dflt=none;;
```

```
esac
```

```
rp="What extensions do you wish to load dynamically?"
```

```

./myread
case "$ans" in
?X: Use ' ' so a subsequent Configure will preserve that value.
none) dynamic_ext=' ' ;;
*) dynamic_ext="$ans" ;;
esac

case "$static_ext" in
")
: Exclude those already listed in dynamic linking
dflt="
for xxx in $avail_ext; do
case " $dynamic_ext " in
*" $xxx "*) ;;
*) dflt="$dflt $xxx" ;;
esac
done
set X $dflt
shift
dflt="$*"
;;
*) dflt="$static_ext"
;;
esac

case "$dflt" in
") dflt=none;;
esac
rp="What extensions do you wish to load statically?"
./myread
case "$ans" in
?X: Use ' ' so a subsequent Configure will preserve that value.
none) static_ext=' ' ;;
*) static_ext="$ans" ;;
esac
;;
*)
$cat <<EOM
A number of extensions are supplied with $package. Answer "none"
to include no extensions.
Note that DynaLoader is always built and need not be mentioned here.

EOM
case "$static_ext" in
")
dflt="$avail_ext" ;;
*) dflt="$static_ext"
# Perhaps we are reusing an old out-of-date config.sh.

```



```

case "$hint" in
previous)
if test X"$static_ext" != X"$avail_ext"; then
$cat <<EOM

```

NOTICE: Your previous config.sh list may be incorrect.

The extensions now available to you are

```

${avail_ext}

```

but the default list from your previous config.sh is

```

${static_ext}

```

EOM

```

fi

```

```

;;

```

```

esac

```

```

;;

```

```

esac

```

: Exclude those that are not xs extensions

```

case "$dflt" in

```

```

") dflt=none;;

```

```

esac

```

```

rp="What extensions do you wish to include?"

```

```

. ./myread

```

```

case "$ans" in

```

?X: Use ' ' so a subsequent Configure will preserve that value.

```

none) static_ext=' ';;

```

```

*) static_ext="$ans" ;;

```

```

esac

```

```

;;

```

```

esac

```

```

#

```

Encode is a special case. If we are building Encode as a static

extension, we need to explicitly list its subextensions as well.

For other nested extensions, this is handled automatically by

the appropriate Makefile.PL.

```

case " $static_ext " in

```

```

*" Encode "*) # Add the subextensions of Encode

```

```

cd

```

```

"$src/cpan"

```

```

for xxx in `ls Encode/*/Makefile.PL|awk -F/ '{print $2}'`; do

```

```

static_ext="$static_ext Encode/$xxx"

```

```

known_extensions="$known_extensions Encode/$xxx"

```

```

done

```

```

cd "$dir"

```

```

;;

```

```

esac

```

```

set X $dynamic_ext $static_ext $nonxs_ext

```

```

shift

```

```
extensions="$*"
```

```
# Sanity check: We require an extension suitable for use with
# AnyDBM_File, as well as Fcntl and IO. (Failure to have these
# should show up as failures in the test suite, but it's helpful to
# catch them now.) The 'extensions' list is normally sorted
# alphabetically, so we need to accept either
# DB_File ... Fcntl ... IO ...
# or something like
# Fcntl ... NDBM_File ... IO ....
case "$extensions" in
*_File "*" Fcntl "*" IO *) ;; # DB_File
*_File "*" Fcntl "*" IO *) ;; # GDBM_File
*_File "*" Fcntl "*" IO *) ;; # NDBM_File
*) echo "WARNING: Extensions DB_File or *DBM_File, Fcntl, and IO not configured." >&4
  echo "WARNING: The Perl you are building will be quite crippled." >& 4
  ;;
esac
```

Found in path(s):

*

/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Extensions.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_semop.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_semop.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:05 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_semop: Inlibc

?MAKE: -pick add \$@ %<

?S:d_semop:

?S: This variable conditionally defines the HAS_SEMOP symbol, which

?S: indicates to the C program that the semop() routine is available.

?S:.

?C:HAS_SEMOP:

?C: This symbol, if defined, indicates that the semop() routine is

?C: available to execute semaphore operations.

```
?C:
?H:#$d_semop
HAS_SEMOP /**/
?H:
?LINT:set d_semop
: see if semop exists
set semop d_semop
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_semop.U
```

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```
?RCS: $Id: registers.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: registers.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 16:19:41 ram
?RCS: patch61: removed empty ?LINT lines
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:28:33 ram
?RCS: patch36: call ./Cpplib explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:09:41 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:registers reg1 reg2 reg3 reg4 reg5 reg6 reg7 reg8 reg9 reg10 reg11 \
reg12 reg13 reg14 reg15 reg16: awk rm Cpplib
Myread Oldconfig
?MAKE: -pick add $@ %<
?S:registers:
?S: This variable contains the number of register declarations paid
?S: attention to by the C compiler.
?S:
?S:reg1:
?S: This variable, along with reg2, reg3, etc. contains the eventual
?S: value for the symbols register1, register2, register3, etc. It has
?S: either the value "register" or is null.
?S:
?C:register1:
```

?C: This symbol, along with register2, register3, etc. is either the word
 ?C: "register" or null, depending on whether the C compiler pays attention
 ?C: to this many register declarations. The intent is that you don't have
 ?C: to order your register declarations in the order of importance, so you
 ?C: can freely declare register variables in sub-blocks of code and as
 ?C: function parameters. Do not use register<n> more than once per routine.

?C:.

?LINT:describe reg2 reg3 reg4 reg5 reg6 reg7 reg8 reg9 reg10 reg11

?LINT:describe reg12 reg13 reg14 reg15 reg16

?LINT:known register2 register3 register4 register5 register6
 register7

?LINT:known register8 register9 register10 register11 register12 register13

?LINT:known register14 register15 register16

?H:#define register1 \$reg1 /**/

?H:#define register2 \$reg2 /**/

?H:#define register3 \$reg3 /**/

?H:#define register4 \$reg4 /**/

?H:#define register5 \$reg5 /**/

?H:#define register6 \$reg6 /**/

?H:#define register7 \$reg7 /**/

?H:#define register8 \$reg8 /**/

?H:#define register9 \$reg9 /**/

?H:#define register10 \$reg10 /**/

?H:#define register11 \$reg11 /**/

?H:#define register12 \$reg12 /**/

?H:#define register13 \$reg13 /**/

?H:#define register14 \$reg14 /**/

?H:#define register15 \$reg15 /**/

?H:#define register16 \$reg16 /**/

?H:.

?F:!.foo

: see how many register declarations we want to use

case "\$registers" in

")

if ./Cppsym vax; then

 dflt=6

elif ./Cppsym sun mc68000 mips; then

 dflt=10

elif ./Cppsym pyr; then

 dflt=14

elif ./Cppsym ns32000 ns16000; then

 dflt=5

elif ./Cppsym \$smallmach; then

 dflt=3

else

 : if you have any other numbers

for me, please send them in

 dflt=6

```

fi;;
*) dflt=$registers ;;
esac
?LINT:set reg2 reg3 reg4 reg5 reg6 reg7 reg8 reg9 reg10 reg11
?LINT:set reg12 reg13 reg14 reg15 reg16
cat <<EOM

```

Different C compilers on different machines pay attention to different numbers of register declarations. About how many register declarations in each routine does your C compiler pay attention to? (OK to guess)

```

EOM
rp="Maximum register declarations?"
./myread
registers=$ans
reg1="
$awk "BEGIN { for (i=1; i<=16; i++) printf \"reg%d=\\n\\\", i} \" \
</dev/null >.foo
./foo
$awk "BEGIN { for (i=1; i<=$registers; i++) printf \"reg%d=register\\n\\\", i} \" \
</dev/null >.foo
./foo
$rm -f .foo

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/registers.U

```

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```

?RCS: Copyright (c) 2000,2014 Jarkko Hietaniemi
?RCS:
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?RCS:
?MAKE:d_fpclassify d_fp_classify: Inlibc cat Compile rm_try Setvar
?MAKE: -pick add $@ %<
?X:the short story is that C99 says use fpclassify. But the story is confused
?X:by systems "partially C99" (or fully "pre C99") which either user fpclassify
?X:but with different return values, or they use fp_classify (with the expected
?X:return values, or they use some other spelling of *fp*class* (sometimes even
?X:without the *fp* part), with yet another set(s) of return values ...
?S:d_fpclassify:
?S: This variable conditionally defines the HAS_FPCLASSIFY symbol, which
?S: indicates to the C program that the fpclassify() routine is available.
?S:.
?S:d_fp_classify:
?S: This variable conditionally defines the HAS_FP_CLASSIFY

```

symbol, which

?S: indicates to the C program that the fp_classify() routine is available.

?S:.

?C:HAS_FPCLASSIFY:

?C: This symbol, if defined, indicates that the fpclassify routine is

?C: available to classify doubles. Available for example in HP-UX.

?C: The returned values are defined in <math.h> and are

?C:

?C: FP_NORMAL Normalized

?C: FP_ZERO Zero

?C: FP_INFINITE Infinity

?C: FP_SUBNORMAL Denormalized

?C: FP_NAN NaN

?C:

?C:.

?C:HAS_FP_CLASSIFY:

?C: This symbol, if defined, indicates that the fp_classify routine is

?C: available to classify doubles. The values are defined in <math.h>

?C:

?C: FP_NORMAL Normalized

?C: FP_ZERO Zero

?C: FP_INFINITE Infinity

?C: FP_SUBNORMAL Denormalized

?C: FP_NAN NaN

?C:

?C:.

?H:#\$d_fpclassify HAS_FPCLASSIFY /**/

?H:#\$d_fp_classify HAS_FP_CLASSIFY /**/

?H:.

?LINT:set d_fpclassify

?LINT:set d_fp_classify

: check for fpclassify

?X:classified (Comment by jhi)

?X:fpclassify i_math

?X:fp_classify i_math

?X:fpclass i_math

i_ieeefp i_fp

?X:fp_class i_math i_fp_class

?X: No i_fp_class yet. But the systems that have

?X: this (Tru64 and IRIX) both had <fp_class.h>

?X:class i_math

echo "Checking to see if you have fpclassify..." >&4

\$cat >try.c <<EOCP

#include <math.h>

int main() { return fpclassify(1.0) == FP_NORMAL ? 0 : 1; }

EOCP

set try

if eval \$compile; then

```
val="$define"
echo "You have fpclassify."
else
val="$undef"
echo "You do not have fpclassify."
fi
$rm_try
set d_fpclassify
eval $setvar
```

```
: see if fp_classify exists
set fp_classify d_fp_classify
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fpclassify.U
```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: sockopt.U,v \$

?RCS: Revision 3.0.1.1 1995/07/25 14:16:14 ram

?RCS: patch56: obsoleted KEEPALIVE in favor of CAN_KEEPALIVE for consistency

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:48 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_keepalive: cat rm contains +cc +ccflags socketlib sockethdr \

d_oldsock libs Oldconfig Setvar Findhdr

?MAKE: -pick add \$@ %<

?S:d_keepalive:

?S: This symbol conditionally defines CAN_KEEPALIVE which indicates to the C

?S: program that setsockopt

SO_KEEPALIVE will work properly.

?S:.

?C:CAN_KEEPALIVE (KEEPALIVE):

?C: This symbol if defined indicates to the C program that the SO_KEEPALIVE

?C: option of setsockopt() will work as advertised in the manual.

?C:.

```

?H:#$d_keepalive CAN_KEEPALIVE /**/
?H:.
?F:!socket
?LINT:set d_keepalive
: see if setsockopt with SO_KEEPALIVE works as advertised
echo " "
case "$d_oldsock" in
"$undef")
if $contains SO_KEEPALIVE `./findhdr sys/socket.h` \
/dev/null >/dev/null 2>&1
then
echo "OK, let's see if SO_KEEPALIVE works as advertised..." >&4
$cat > socket.c <<EOP
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
#include <netdb.h>

int main()
{
int s = socket(AF_INET, SOCK_STREAM, 0);
if (s == -1)
exit(1);
if (-1 == setsockopt(s, SOL_SOCKET, SO_KEEPALIVE, 0, 0))
exit(2);
exit(0);
}
EOP
if $cc $ccflags $sockethdr -o socket socket.c $libs \
$socketlib >/dev/null 2>&1; then
./socket >/dev/null 2>&1
case $? in
0) echo "Yes, it does!"
val="$define";;
1)
$cat <<EOM
(Something went wrong -- Assuming SO_KEEPALIVE is broken)
EOM
val="$undef";;
2) echo "No, it doesn't. Don't trust your manuals!!"
val="$undef";;
esac
else
cat <<EOM
(I can't compile the test program -- Assuming SO_KEEPALIVE is broken)
EOM
val="$undef"
fi

```



```

else
  echo "Strange!! You have BSD 4.2 sockets but no SO_KEEPALIVE option."
  val="$undef"
fi;;
*) cat <<EOM
As you have an old socket interface, you can't have heard of SO_KEEPALIVE.
EOM
val="$undef";;
esac
set d_keepalive
eval $setvar
$rm -f socket socket.c

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sockopt.U
```

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?RCS:

?MAKE:use64bitint use64bitall archname64: Myread Oldconfig Setvar test \

usemorebits longsize ccflags d_quad uquadtype Compile rm_try run

?MAKE: -pick add \$@ %<

?Y:TOP

?S:use64bitint:

?S: This variable conditionally defines the USE_64_BIT_INT symbol,

?S: and indicates that 64-bit integer types should be used

?S: when available. The minimal possible 64-bitness

?S: is employed, just enough to get 64-bit integers into Perl.

?S: This may mean using for example "long longs", while your memory

?S: may still be limited to 2 gigabytes.

?S:.

?S:use64bitall:

?S: This variable conditionally defines the USE_64_BIT_ALL symbol,

?S: and indicates that 64-bit integer types should be used

?S: when available. The maximal

possible

?S: 64-bitness is employed: LP64 or ILP64, meaning that you will

?S: be able to use more than 2 gigabytes of memory. This mode is

?S: even more binary incompatible than USE_64_BIT_INT. You may not

?S: be able to run the resulting executable in a 32-bit CPU at all or

?S: you may need at least to reboot your OS to 64-bit mode.

?S:.

```

?S:archname64:
?S: This variable is used for the 64-bitness part of $archname.
?S:.
?C:USE_64_BIT_INT:
?C: This symbol, if defined, indicates that 64-bit integers should
?C: be used when available. If not defined, the native integers
?C: will be employed (be they 32 or 64 bits). The minimal possible
?C: 64-bitness is used, just enough to get 64-bit integers into Perl.
?C: This may mean using for example "long longs", while your memory
?C: may still be limited to 2 gigabytes.
?C:.
?C:USE_64_BIT_ALL:
?C: This symbol, if defined, indicates that 64-bit integers should
?C: be used when available. If not defined, the native integers
?C: will be used (be
?C: they 32 or 64 bits). The maximal possible
?C: 64-bitness is employed: LP64 or ILP64, meaning that you will
?C: be able to use more than 2 gigabytes of memory. This mode is
?C: even more binary incompatible than USE_64_BIT_INT. You may not
?C: be able to run the resulting executable in a 32-bit CPU at all or
?C: you may need at least to reboot your OS to 64-bit mode.
?C:.
?H:%<:#ifndef USE_64_BIT_INT
?H:%<:#$use64bitint USE_64_BIT_INT /**/
?H:%<:#endif
?H:%<:#ifndef USE_64_BIT_ALL
?H:%<:#$use64bitall USE_64_BIT_ALL /**/
?H:%<:#endif
?H:.
?INIT:archname64="
?LINT:extern ccflags
?LINT:use usemorebits
?LINT:extern use64bits
?LINT:extern uselonglong
?LINT:extern uselonglongs
?LINT:extern use64bitints
?LINT:extern use64bitsint
?LINT:extern use64bitsall
?T:libcquad
?F:!try
?F:!use64bitint.cbu
?F:!use64bitall.cbu
: Do we want 64bit support
case "$uselonglong" in
"$define"|true|[yY]*)
cat <<EOM >&4

```

*** Configure -Duselonglong is deprecated, using -Duse64bitint instead.

```
EOM
use64bitint="$define"
;;
esac
case
"$use64bits" in
"$define"|true|[yY]*)
cat <<EOM >&4
```

*** Configure -Duse64bits is deprecated, using -Duse64bitint instead.

```
EOM
use64bitint="$define"
;;
esac
case "$use64bitints" in
"$define"|true|[yY]*)
cat <<EOM >&4
```

*** There is no Configure -Duse64bitints, using -Duse64bitint instead.

```
EOM
use64bitint="$define"
;;
esac
case "$use64bitsint" in
"$define"|true|[yY]*)
cat <<EOM >&4
```

*** There is no Configure -Duse64bitsint, using -Duse64bitint instead.

```
EOM
use64bitint="$define"
;;
esac
case "$uselongs" in
"$define"|true|[yY]*)
cat <<EOM >&4
```

*** There is no Configure -Duselongs, using -Duse64bitint instead.

```
EOM
use64bitint="$define"
;;
esac
case "$use64bitsall" in
"$define"|true|[yY]*)
cat <<EOM >&4
```

*** There is no Configure -Duse64bitsall, using -Duse64bitall instead.

```
EOM
use64bitall="$define"
```

```

;;
esac

case "$ccflags" in
*-DUSE_LONG_LONG*|*-DUSE_64_BIT_INT*|*-DUSE_64_BIT_ALL*) use64bitint="$define";;
esac
case "$use64bitall" in
"$define"|true|[yY]*)
    use64bitint="$define" ;;
esac

case "$longsize" in
8) cat <<EOM

```

You have natively 64-bit long integers.

```

EOM
    val="$define"
    ;;
*) case "$use64bitint" in
"$define"|true|[yY]*) dflt='y';;
*) dflt='n';;
esac
case "$d_quad" in
"$define" ) ;;
*) dflt='n' ;;
esac
cat <<EOM

```

Perl can be built to take advantage of 64-bit integer types on some systems. To do so, Configure can be run with `-Duse64bitint`. Choosing this option will most probably introduce binary incompatibilities.

If this doesn't make any sense to you, just accept the default `'$dflt'`. (The default has been chosen based on your configuration.)

```

EOM
    rp="Try to use 64-bit integers, if available?"
    ./myread
    case "$ans" in
[yY]*) val="$define" ;;
*)    val="$undef" ;;
esac
    ;;
esac
set use64bitint
eval $setvar

case "$use64bitall" in
"$define"|true|[yY]*) dflt='y' ;;

```

```

*) case "$longsize" in
  8) dflt='y' ;;
  *) dflt='n' ;;
esac
;;
esac
cat <<EOM

```

You may also

choose to try maximal 64-bitness. It means using as much 64-bitness as possible on the platform. This in turn means even more binary incompatibilities. On the other hand, your platform may not have any more 64-bitness available than what you already have chosen.

If this doesn't make any sense to you, just accept the default '\$dflt'. (The default has been chosen based on your configuration.)

```

EOM
rp="Try to use maximal 64-bit support, if available?"
. ./myread
case "$ans" in
[yY]*) val="$define" ;;
*) val="$undef" ;;
esac
set use64bitall
eval $setvar
case "$use64bitall" in
"$define")
case "$use64bitint" in
"$undef")
cat <<EOM

```

Since you have chosen a maximally 64-bit build, I'm also turning on the use of 64-bit integers.

```

EOM
use64bitint="$define" ;;
esac
;;
esac

```

```

: Look for a hint-file generated 'call-back-unit'. If the
: user has specified that a 64-bit perl is to be built,
: we may need to set or change some other defaults.
if $test -f use64bitint.cbu; then
echo "Your
platform has some specific hints regarding 64-bit integers, using them..."
. ./use64bitint.cbu
fi
case "$use64bitint" in

```

```

"$define"|true|[yY]*)
: This test was common to all the OpenBSD forks, and seems harmless for
: other platforms:
echo " "
echo "Checking if your C library has broken 64-bit functions..." >&4
cat >try.c <<EOCP
#include <stdio.h>
typedef $uquadtype myULL;
int main (void)
{
    struct {
double d;
myULL u;
    } *p, test[] = {
{4294967303.15, 4294967303ULL},
{4294967294.2, 4294967294ULL},
{4294967295.7, 4294967295ULL},
{0.0, 0ULL}
    };
    for (p = test; p->u; p++) {
myULL x = (myULL)p->d;
if (x != p->u) {
    printf("buggy\n");
    return 0;
}
}
    printf("ok\n");
    return 0;
}
EOCP
set try
if eval $compile_ok; then
    libcquad=`$run ./try`
    echo "Your C library's 64-bit functions are $libcquad."
else
    echo "(I can't seem to compile the test program.)"
    echo "Assuming that your C library's 64-bit functions are ok."
    libcquad="ok"
fi
$rm_try

case
"$libcquad" in
    buggy*)
cat >&4 <<EOM

```

```

*** You have a C library with broken 64-bit functions.
*** 64-bit support does not work reliably in this configuration.

```

*** Please rerun Configure without -Duse64bitint and/or -Dusemorebits.

*** Cannot continue, aborting.

EOM

```
exit 1
;;
esac
case "$longsize" in
4) case "$archname64" in
") archname64=64int ;;
esac
;;
esac
;;
esac
```

: Look for a hint-file generated 'call-back-unit'. If the

: user has specified that a maximally 64-bit perl is to be built,

: we may need to set or change some other defaults.

if \$test -f use64bitall.cbu; then

```
echo "Your platform has some specific hints regarding 64-bit builds, using them..."
```

```
./use64bitall.cbu
```

fi

```
case "$use64bitall" in
"$define"|true|[yY]*)
case "$longsize" in
4) case "$archname64" in
"|64int) archname64=64all ;;
esac
;;
esac
;;
esac
```

```
case "$d_quad:$use64bitint" in
```

```
$undef:$define)
```

```
cat >&4 <<EOF
```

*** You have chosen to use 64-bit

integers,

*** but none can be found.

*** Please rerun Configure without -Duse64bitint and/or -Dusemorebits.

*** Cannot continue, aborting.

EOF

```
exit 1
```

```
;;
```

```
esac
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/use64bits.U

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?RCS:

?MAKE:d_towlower: Inlibc

?MAKE: -pick add \$@ %<

?S:d_towlower:

?S: This variable conditionally defines the HAS_TOWLOWER symbol, which

?S: indicates to the C program that the towlower() routine is available.

?S:.

?C:HAS_TOWLOWER:

?C: This symbol, if defined, indicates that the towlower () routine is

?C: available to do case conversion.

?C:.

?H:#\$d_towlower HAS_TOWLOWER /**/

?H:.

?LINT:set d_towlower

: see if towlower exists

set towlower d_towlower

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_towlower.U

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?RCS:

?MAKE:d_fegetround: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fegetround:

?S: This variable conditionally defines HAS_FEGETROUND if fegetround() is

?S: available to get the floating point rounding mode.

?S:.

?C:HAS_FEGETROUND:

?C: This symbol, if defined, indicates that the fegetround routine is

?C: available to return the macro corresponding to the current rounding

?C: mode.


```
?C:
?H:#$d_fegetround HAS_FEGETROUND /**/
?H:
?LINT:set d_fegetround
: see if fegetround exists
set fegetround d_fegetround
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fegetround.U
```

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```
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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:uidsign: Myread Typedef uidtype Compile run
?MAKE: -pick add $@ %<
?S:uidsign:
?S: This variable contains the signedness of a uidtype.
?S: 1 for unsigned, -1 for signed.
?S:
?C:Uid_t_sign:
?C: This symbol holds the signedness of a Uid_t.
?C: 1 for unsigned, -1 for signed.
?C:
?H:#define Uid_t_sign $uidsign /* UID sign */
?H:
?T:yyy zzz
?F:!try
: Check if UID is signed
echo " "
case "$uidtype" in
*_t) zzz="$uidtype" ;;
*) zzz="uid" ;;
esac
echo "Checking the sign of $zzz..." >&4
cat > try.c <<EOCP
#include <sys/types.h>
#include
<stdio.h>
int main() {
```

```

$uidtype foo = -1;
if (foo < 0)
    printf("-1\n");
else
    printf("1\n");
}
EOCP
set try
if eval $compile; then
    yyy=`$run ./try`
    case "$yyy" in
    *) uidsign=1
        echo "(I can't execute the test program--guessing unsigned.)" >&4
        ;;
    *) uidsign=$yyy
        case "$uidsign" in
        1) echo "Your $zzz is unsigned." ;;
        -1) echo "Your $zzz is signed." ;;
        esac
        ;;
    esac
    else
    uidsign=1
    echo "(I can't compile the test program--guessing unsigned.)" >&4
fi

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/uidsigh.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_endprotoent_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_endprotoent_r endprotoent_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_endprotoent_r:

?S: This variable conditionally defines the HAS_ENDPROTOENT_R symbol,

?S: which indicates to the C program that the endprotoent_r()

?S: routine is available.

?S:.

?S:endprotoent_r_proto:

?S: This variable encodes the prototype of endprotoent_r.
 ?S: It is zero if d_endprotoent_r is undef, and one of the
 ?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endprotoent_r
 ?S: is defined.
 ?S:.
 ?C:HAS_ENDPROTOENT_R:
 ?C: This symbol, if defined, indicates that the endprotoent_r
 routine
 ?C: is available to endprotoent re-entrantly.
 ?C:.
 ?C:ENDPROTOENT_R_PROTO:
 ?C: This symbol encodes the prototype of endprotoent_r.
 ?C: It is zero if d_endprotoent_r is undef, and one of the
 ?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endprotoent_r
 ?C: is defined.
 ?C:.
 ?H:#\$d_endprotoent_r HAS_ENDPROTOENT_R /**/
 ?H:#define ENDPROTOENT_R_PROTO \$endprotoent_r_proto /**/
 ?H:.
 ?T:try hdrs d_endprotoent_r_proto
 : see if endprotoent_r exists
 set endprotoent_r d_endprotoent_r
 eval \$inlibc
 case "\$d_endprotoent_r" in
 "\$define")
 hdrs="\$i_systypes sys/types.h define stdio.h \$i_netdb netdb.h"
 case "\$d_endprotoent_r_proto:\$susetthreads" in
 ":define") d_endprotoent_r_proto=define
 set d_endprotoent_r_proto endprotoent_r \$hdrs
 eval \$hasproto ;;
 *) ;;
 esac
 case "\$d_endprotoent_r_proto" in
 define)
 case "\$endprotoent_r_proto" in
 "|0) try='int endprotoent_r(struct protoent_data*);'
 ./protochk "\$extern_C \$try" \$hdrs && endprotoent_r_proto=I_D ;;
 esac
 case "\$endprotoent_r_proto"
 in
 "|0) try='void endprotoent_r(struct protoent_data*);'
 ./protochk "\$extern_C \$try" \$hdrs && endprotoent_r_proto=V_D ;;
 esac
 case "\$endprotoent_r_proto" in
 "|0) d_endprotoent_r=undef
 endprotoent_r_proto=0
 echo "Disabling endprotoent_r, cannot determine prototype." >&4 ;;
 *) case "\$endprotoent_r_proto" in

```

REENTRANT_PROTO*) ;;
*) endprotoent_r_proto="REENTRANT_PROTO_${endprotoent_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "endprotoent_r has no prototype, not using it." >&4 ;;
esac
d_endprotoent_r=undef
endprotoent_r_proto=0
;;
esac
;;
*) endprotoent_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endprotoent_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: html3dir.U,v \$

?RCS:

?RCS: Copyright (c) 1999 Andy Dougherty

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: html3dir.U,v \$

?RCS:

?MAKE:html3dir html3direxp installhtml3dir: cat sed Loc Myread \

spackage test Getfile Setprefixvar Prefixit Prefixup html1dir

?MAKE: -pick add \$@ %<

?Y:TOP

?D:html3dir="

?S:html3dir:

?S: This variable contains the name of the directory in which html

?S: source pages are to be put. This directory is for pages

?S: that describe libraries or modules. It is intended to

?S: correspond roughly to section 3 of the Unix manuals.

?S:.

?D:html3direxp="

?S:html3direxp:

```

?S: This variable
is the same as the html3dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?D:installhtml3dir="
?S:installhtml3dir:
?S: This variable is really the same as html3direxp, unless you are
?S: using a different installprefix. For extra portability, you
?S: should only use this variable within your makefiles.
?S:.
?LINT:change prefixvar
?LINT:set html3direxp
?LINT:set installhtml3dir
: determine where html pages for libraries and modules go
set html3dir html3dir none
eval $prefixit
$cat <<EOM

```

If you wish to install html files for modules associated with \$spackage, indicate the appropriate directory here. To skip installing html files, answer "none".

EOM

: There is no obvious default. If they have specified html1dir, then
: try to key off that, possibly changing ../html1 into ../html3.

```

case "$html3dir" in
*) html3dir=`echo "$html1dir" | $sed 's/1$/3$/'` ;;
*) dflt=$html3dir ;;
esac
fn=dn+~
rp="Directory for the $spackage module
html pages?"
./getfile
prefixvar=html3dir
./setprefixvar
: Use ' ' for none so value is preserved next time through Configure
$test X"$html3dir" = "X" && html3dir=' '

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/html3dir.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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```

?RCS:
?MAKE:d_setproctitle: Inlibc
?MAKE: -pick add $@ %<
?S:d_setproctitle:
?S: This variable conditionally defines the HAS_SETPROCTITLE symbol,
?S: which indicates to the C program that the setproctitle() routine
?S: is available.
?S:
?C:HAS_SETPROCTITLE:
?C: This symbol, if defined, indicates that the setproctitle routine is
?C: available to set process title.
?C:
?H:#$d_setproctitle HAS_SETPROCTITLE /**/
?H:
?LINT:set d_setproctitle
: see if setproctitle exists
set setproctitle d_setproctitle
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_setproctitle.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: bitpbyte.U,v 3.0.1.1 1994/10/29 16:02:54 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: bitpbyte.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:02:54 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:27 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:bitpbyte: cat rm Myread Compile run
?MAKE: -pick add $@ %<
?S:bitpbyte:
?S: This variable contains the value of the BITS_PER_BYTE symbol, which
?S: indicates to the C program how many bits there are in a byte.
?S:
?C:BITS_PER_BYTE:

```

```

?C: This
symbol contains the number of bits in a byte, so that the C
?C: preprocessor can make decisions based on it.
?C:.
?H:#define BITS_PER_BYTE $bitbyte /**/
?H:.
?F:!try
: check for length of byte
echo " "
case "$bitbyte" in
")
echo "Checking to see how many bits there are in a byte..." >&4
$cat >try.c <<'EOCP'
#include <stdio.h>
?X: Standard C requires a macro CHAR_BIT in <limits.h>
#ifdef __STDC__
#include <limits.h>
#ifndef CHAR_BIT
#define CHAR_BIT 8
#endif
#ifndef BITSPERBYTE
#define BITSPERBYTE CHAR_BIT
#endif
#else
?X: On non standard C, try with <values.h>
#include <values.h>
#ifndef BITSPERBYTE
#define BITSPERBYTE 8
#endif
#endif
int main()
{
printf("%d\n", BITSPERBYTE);
}
EOCP
set try
if eval $compile_ok; then
dflt=`$run ./try`
else
dflt='8'
echo "(I can't seem to compile the test program. Guessing...)"
fi
;;
*)
dflt="$bitbyte"
;;
esac
rp="What is the length of a byte (in bits)?"

```

```
./myread
bitpbyte="$sans"
$rm -f try.c try
```

Found in path(s):

*

/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/bitpbyte.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS:

?MAKE:d_strtoq: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strtoq:

?S: This variable conditionally defines the HAS_STRTOQ symbol, which

?S: indicates to the C program that the strtq() routine is available.

?S:.

?C:HAS_STRTOQ:

?C: This symbol, if defined, indicates that the strtq routine is

?C: available to convert strings to long longs (quads).

?C:.

?H:#\$d_strtoq HAS_STRTOQ /**/

?H:.

?LINT:set d_strtoq

: see if strtq exists

set strtq d_strtoq

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtoq.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_times.U,v 3.0.1.2 1995/07/25 14:07:50 ram Exp \$

?RCS:

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?RCS: of the source tree for dist 3.0.


```

?RCS:
?RCS: $Log: d_times.U,v $
?RCS: Revision 3.0.1.2 1995/07/25 14:07:50 ram
?RCS: patch56: typo fix, sytem -> system
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:14:00 ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:46 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: What is the type returned by times() ?
?X:
?X: Force inclusion of <sys/types.h>
?X:INC: i_systypes
?MAKE:d_times clocktype:
    Csym Myread Typedef i_systimes
?MAKE: -pick add $@ %<
?S:d_times:
?S: This variable conditionally defines the HAS_TIMES symbol, which indicates
?S: that the times() routine exists. The times() routine is normally
?S: provided on UNIX systems. You may have to include <sys/times.h>.
?S:.
?S:clocktype:
?S: This variable holds the type returned by times(). It can be long,
?S: or clock_t on BSD sites (in which case <sys/types.h> should be
?S: included).
?S:.
?C:HAS_TIMES (TIMES):
?C: This symbol, if defined, indicates that the times() routine exists.
?C: Note that this became obsolete on some systems (SUNOS), which now
?C: use getrusage(). It may be necessary to include <sys/times.h>.
?C:.
?C:Clock_t (CLOCKTYPE):
?C: This symbol holds the type returned by times(). It can be long,
?C: or clock_t on BSD sites (in which case <sys/types.h> should be
?C: included).
?C:.
?H:#$d_times HAS_TIMES /**/
?H:#define Clock_t $clocktype /* Clock time */
?H:.
?T:val inc
: see if times exists
echo "
"
if set times val -f d_times; eval $csym; $val; then
echo 'times() found.' >&4

```

```

d_times="$define"
inc=""
case "$i_systimes" in
"$define") inc='sys/times.h';
esac
rp="What is the type returned by times() on this system?"
set clock_t clocktype long stdio.h sys/types.h $inc
eval $typedef_ask
else
echo 'times() NOT found, hope that will do.' >&4
d_times="$undef"
?X: The following is needed for typedef (won't like an empty variable)
clocktype='int'
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/d_times.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: Ins.U,v \$

?RCS: Revision 3.0.1.1 1994/06/20 07:05:52 ram

?RCS: patch30: created by ADO

?RCS:

?MAKE:issymlink: Ins test rm

?MAKE: -pick add \$@ %<

?S:issymlink:

?S: This variable holds the test command to test for a symbolic link

?S: (if they are supported). Typical values include 'test -h' and

?S: 'test -L'.

?S:.

?T:pth p

?LINT:change PATH test

?LINT:extern newsh

: determine whether symbolic links are supported

echo

```

" "
case "$lns" in
*"ln"* -s")
echo "Checking how to test for symbolic links..." >&4
$lns blurfl sym
if $test "X$issymlink" = X; then
?X:
?X: In some AIX 4 versions the (ksh) builtin test (-h) is broken.
?X:
case "$newsh" in
") sh -c "PATH= test -h sym" >/dev/null 2>&1 ;;
*) $newsh -c "PATH= test -h sym" >/dev/null 2>&1 ;;
esac
if test $? = 0; then
issymlink="test -h"
else
echo "Your builtin 'test -h' may be broken." >&4
case "$stest" in
/*) ;;
*) pth=`echo $PATH | sed -e "s/$p_/ /g"`
for p in $pth
do
if test -f "$p/$stest"; then
test="$p/$stest"
break
fi
done
;;
esac
case "$stest" in
/*)
echo "Trying external '$stest -h'." >&4
issymlink="$stest -h"
if $stest ! -h sym >/dev/null 2>&1; then
echo "External '$stest -h' is broken, too." >&4
issymlink="
fi
;;
*) issymlink=" ;;
esac
fi
fi
if $test "X$issymlink" = X; then
if $test -L sym 2>/dev/null; then
issymlink="$stest
-L"
echo "The builtin '$stest -L' worked." >&4
fi

```

```

fi
if $test "X$Sissymlink" != X; then
  echo "You can test for symbolic links with '$Sissymlink'." >&4
else
  echo "I do not know how you can test for symbolic links." >&4
fi
$rm -f blurfl sym
;;
*) echo "No symbolic links, so not testing for their testing..." >&4
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/issymlink.U

```

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?RCS: \$Id: netdbtype.U,v \$

?RCS:

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?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: netdbtype.U,v \$

?RCS:

?MAKE:netdb_host_type netdb_hlen_type netdb_name_type netdb_net_type: \

Protochk Oldconfig Myread cat \

d_gethbyaddr d_gethbyname d_getnbyaddr \

i_niin i_netdb i_unistd d_socket sizetype extern_C

?MAKE: -pick add \$@ %<

?S:netdb_host_type:

?S: This variable holds the type used for the 1st argument to

?S: gethostbyaddr(). Usually, this is char * or void *, possibly

?S: with or without a const prefix.

?S: This is only useful if you have gethostbyaddr(), naturally.

?S:.

?S:netdb_hlen_type:

?S: This variable holds the type used for the 2nd argument to

?S: gethostbyaddr(). Usually,

this is int or size_t or unsigned.

?S: This is only useful if you have gethostbyaddr(), naturally.

?S:.

?S:netdb_name_type:

?S: This variable holds the type used for the argument to

?S: gethostbyname(). Usually, this is char * or const char *.

?S: This is only useful if you have gethostbyname(), naturally.

?S:.

?S:netdb_net_type:

?S: This variable holds the type used for the 1st argument to

?S: getnetbyaddr(). Usually, this is int or long.

?S: This is only useful if you have getnetbyaddr(), naturally.

?S:.

?C:Netdb_host_t:

?C: This symbol holds the type used for the 1st argument

?C: to gethostbyaddr().

?C:.

?C:Netdb_hlen_t:

?C: This symbol holds the type used for the 2nd argument

?C: to gethostbyaddr().

?C:.

?C:Netdb_name_t:

?C: This symbol holds the type used for the argument to

?C: gethostbyname().

?C:.

?C:Netdb_net_t:

?C: This symbol holds the type used for the 1st argument to

?C: getnetbyaddr().

?C:.

```
?H:#define Netdb_host_t $netdb_host_type /**/
?H:#define Netdb_hlen_t $netdb_hlen_type
/**/
?H:#define Netdb_name_t $netdb_name_type /**/
?H:#define Netdb_net_t $netdb_net_type /**/
?H:.
```

?T:xxx yyy try hdrs

```
@if netdb_host_type || Netdb_host_t || netdb_hlen_type || Netdb_hlen_t
: check for type of arguments to gethostbyaddr.
if test "X$netdb_host_type" = X -o "X$netdb_hlen_type" = X; then
case "$d_gethbyaddr" in
$define)
$cat <<EOM
```

Checking to see what type of arguments are accepted by gethostbyaddr().

EOM

```
hdrs="$define sys/types.h
$d_socket sys/socket.h
$i_niin netinet/in.h
$i_netdb netdb.h
$i_unistd unistd.h"
: The first arg can 'char *' or 'void *'
: The second arg is some of integral type
for xxx in in_addr_t 'const void *' 'const char *' 'void *' 'char *'; do
for yyy in size_t long int; do
```

```

case "$netdb_host_type" in
") try="$extern_C struct hostent *gethostbyaddr($xxx, $yyy, int);"
if ./protochk "$try" $hdrs; then
echo "Your system accepts $xxx for the first arg."
echo "...and $yyy for the second arg."
netdb_host_type="$xxx"
netdb_hlen_type="$yyy"
fi
;;
esac
done
done
:

```

In case none of those worked, prompt the user.

```

case "$netdb_host_type" in
") rp='What is the type for the 1st argument to gethostbyaddr?'
dflt='char *'
./myread
netdb_host_type=$ans
rp='What is the type for the 2nd argument to gethostbyaddr?'
dflt="$sizetype"
./myread
netdb_hlen_type=$ans
;;
esac
;;
*) : no gethostbyaddr, so pick harmless defaults
netdb_host_type='char *'
netdb_hlen_type="$sizetype"
;;
esac
# Remove the "const" if needed. -- but then we'll have a
# prototype clash!
# netdb_host_type=`echo "$netdb_host_type" | sed 's/^const //'`
fi
@end

```

```

@if netdb_name_type || Netdb_name_t
: check for type of argument to gethostbyname.
if test "X$netdb_name_type" = X ; then
case "$d_gethbyname" in
$define)
$cat <<EOM

```

Checking to see what type of argument is accepted by gethostbyname().

EOM

```

hdrs="$define sys/types.h
$d_socket sys/socket.h

```

```

$i_niin
netinet/in.h
$i_netdb netdb.h
$i_unistd unistd.h"
for xxx in "const char *" "char *"; do
case "$netdb_name_type" in
") try="$extern_C struct hostent *gethostbyname($xxx);"
if ./protochk "$try" $hdrs; then
echo "Your system accepts $xxx."
netdb_name_type="$xxx"
fi
;;
esac
done
: In case none of those worked, prompt the user.
case "$netdb_name_type" in
") rp='What is the type for the 1st argument to gethostbyname?'
dflt='char *'
./myread
netdb_name_type=$ans
;;
esac
*) : no gethostbyname, so pick harmless default
netdb_name_type='char *'
;;
esac
fi
@end

```

```

@if netdb_net_type || Netdb_net_t
: check for type of 1st argument to getnetbyaddr.
if test "X$netdb_net_type" = X ; then
case "$d_getnbyaddr" in
$define)
$cat <<EOM

```

Checking to see what type of 1st argument is accepted by getnetbyaddr().

```

EOM
hdrs="$define sys/types.h
$d_socket sys/socket.h
$i_niin netinet/in.h
$i_netdb netdb.h
$i_unistd
unistd.h"
for xxx in in_addr_t "unsigned long" long "unsigned int" int; do
case "$netdb_net_type" in
") try="$extern_C struct netent *getnetbyaddr($xxx, int);"

```

```

if ./protochk "$try" $hdrs; then
    echo "Your system accepts $xxx."
    netdb_net_type="$xxx"
fi
;;
esac
done
: In case none of those worked, prompt the user.
case "$netdb_net_type" in
*) rp='What is the type for the 1st argument to getnetbyaddr?'
    dflt='long'
    . ./myread
    netdb_net_type=$ans
    ;;
esac
;;
*) : no getnetbyaddr, so pick harmless default
    netdb_net_type='long'
    ;;
esac
fi
@end

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/netdbtype.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getservbyname_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_getservbyname_r getservbyname_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_getservbyname_r:

?S: This variable conditionally defines the HAS_GETSERVBYNAME_R symbol,

?S: which indicates to the C program that the getservbyname_r()

?S: routine is available.

?S:.

?S:getservbyname_r_proto:

?S: This variable encodes the prototype of getservbyname_r.

?S: It is zero if d_getservbyname_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservbyname_r

?S: is defined.

?S:.

?C:HAS_GETSERVBYNAME_R:

?C: This symbol, if defined, indicates
that the getservbyname_r routine
?C: is available to getservbyname re-entrantly.

?C:.

?C:GETSERVBYNAME_R_PROTO:

?C: This symbol encodes the prototype of getservbyname_r.

?C: It is zero if d_getservbyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservbyname_r
?C: is defined.

?C:.

?H:#\$d_getservbyname_r HAS_GETSERVBYNAME_R /**/
?H:#define GETSERVBYNAME_R_PROTO \$getservbyname_r_proto /**/
?H:.

?T:try hdrs d_getservbyname_r_proto
: see if getservbyname_r exists
set getservbyname_r d_getservbyname_r
eval \$inlibc
case "\$d_getservbyname_r" in
"\$define")
hdrs="\$i_systypes sys/types.h define stdio.h \$i_netdb netdb.h"
case "\$d_getservbyname_r_proto:\$usetthreads" in
":define") d_getservbyname_r_proto=define
set d_getservbyname_r_proto getservbyname_r \$hdrs
eval \$hasproto ;;
*) ;;
esac
case "\$d_getservbyname_r_proto" in
define)
case "\$getservbyname_r_proto" in
"|0) try='int getservbyname_r(const char*, const char*, struct servent*, char*,
size_t, struct servent**);'
./protochk "\$extern_C \$try" \$hdrs && getservbyname_r_proto=I_CCSBWR ;;
esac
case "\$getservbyname_r_proto" in
"|0) try='struct servent* getservbyname_r(const char*, const char*, struct servent*, char*, int);'
./protochk "\$extern_C \$try" \$hdrs && getservbyname_r_proto=S_CCSBI ;;
esac
case "\$getservbyname_r_proto" in
"|0) try='int getservbyname_r(const char*, const char*, struct servent*, struct servent_data*);'
./protochk "\$extern_C \$try" \$hdrs && getservbyname_r_proto=I_CCSD ;;
esac
case "\$getservbyname_r_proto" in
"|0) d_getservbyname_r=undef
getservbyname_r_proto=0
echo "Disabling getservbyname_r, cannot determine prototype." >&4 ;;

```

*) case "$getservbyname_r_proto" in
REENTRANT_PROTO*) ;;
*) getservbyname_r_proto="REENTRANT_PROTO_${getservbyname_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "getservbyname_r has no prototype, not using it." >&4 ;;
esac
d_getservbyname_r=undef
getservbyname_r_proto=0
;;
esac
;;
*) getservbyname_r_proto=0
;;
esac

```

Found

in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getservbyname_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_getmnt: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getmnt:

?S: This variable conditionally defines the HAS_GETMNT symbol, which

?S: indicates to the C program that the getmnt() routine is available

?S: to retrieve one or more mount info blocks by filename.

?S:.

?C:HAS_GETMNT:

?C: This symbol, if defined, indicates that the getmnt routine is

?C: available to get filesystem mount info by filename.

?C:.

?H:#\$d_getmnt HAS_GETMNT /**/

?H:.

?LINT:set d_getmnt

: see if getmnt exists

set getmnt d_getmnt

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getmnt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2009 H.Merijn Brand

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_getnameinfo: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getnameinfo:

?S: This variable conditionally defines the HAS_GETNAMEINFO symbol,

?S: which indicates to the C program that the getnameinfo() function

?S: is available.

?S:.

?C:HAS_GETNAMEINFO:

?C: This symbol, if defined, indicates that the getnameinfo() function

?C: is available for use.

?C:.

?H:#\$d_getnameinfo HAS_GETNAMEINFO /**/

?H:.

?LINT:set d_getnameinfo

: see if getnameinfo exists

set getnameinfo d_getnameinfo

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getnameinfo.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_nearbyint: Inlibc

?MAKE: -pick add \$@ %<

?S:d_nearbyint:

?S: This variable conditionally defines HAS_NEARBYINT if nearbyint()

?S: is available to return the integral value closest to (according to

?S: the current rounding mode) to x.

?S:.

?C:HAS_NEARBYINT:

?C: This symbol, if defined, indicates that the nearbyint routine is
?C: available to return the integral value closest to (according to
?C: the current rounding mode) to x.
?C:.

?H:#\$d_nearbyint HAS_NEARBYINT /**/

?H:.

?LINT:set d_nearbyint

: see if nearbyint exists

set nearbyint d_nearbyint

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nearbyint.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: startperl.U,v 3.0 1993/08/18 12:09:50 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: This file is included with or a derivative work of a file included

?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.

?RCS: In accordance with clause 7 of dist's modified Artistic License:

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: startperl.U,v \$

?RCS: Perl5 version -- I always have d_portable=define.

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:50 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:startperl: cat Myread sharpbang initialinstalllocation test \
versiononly version

?MAKE: -pick add \$@ %<

?Y:TOP

?X: This is different from dist's standard startperl.U unit because

?X: we can't directly test #!/usr/local/bin/perl (or
whatever) because

?X: we haven't built and installed perl yet.

?S:startperl:

?S: This variable contains the string to put on the front of a perl

?S: script to make sure (hopefully) that it runs with perl and not some

?S: shell. Of course, that leading line must be followed by the classical

?S: perl idiom:

?S: eval 'exec perl -S \$0 \${1+"\$@"}'

?S: if \$running_under_some_shell;

?S: to guarantee perl startup should the shell execute the script. Note

?S: that this magic incantation is not understood by csh.

?S:.

?C:STARTPERL:

?C: This variable contains the string to put in front of a perl

?C: script to make sure (one hopes) that it runs with perl and not

?C: some shell.

?C:.

?H:#define STARTPERL "\$startperl" /**/

?H:.

: figure out how to guarantee perl startup

: XXX Note that this currently takes advantage of the bug that binexp ignores

: the Configure -Dinstallprefix setting, which in turn means that under

: relocatable @INC, initialinstalllocation is what binexp started as.

case

```
"$startperl" in
```

```
)
```

```
case "$sharpbang" in
```

```
*)
```

```
$cat <<EOH
```

I can use the #! construct to start perl on your system. This will make startup of perl scripts faster, but may cause problems if you want to share those scripts and perl is not in a standard place (\$initialinstalllocation/perl) on all your platforms. The alternative is to force a shell by starting the script with a single ':' character.

EOH

```
case "$versiononly" in
```

```
"$define") dflt="$initialinstalllocation/perl$version";;
```

```
*) dflt="$initialinstalllocation/perl";;
```

```
esac
```

```
rp='What shall I put after the #! to start up perl ("none" to not use #!)?'
```

```
./myread
```

```
case "$ans" in
```

```
none) startperl=": # use perl";;
```

```
*) startperl="!$ans"
```

```
if $test 30 -lt `echo "$ans" | wc -c`; then
```

```
$cat >&4 <<EOM
```

WARNING: Some systems limit the #! command to 32 characters.

If you experience difficulty running Perl scripts with #!, try installing Perl in a directory with a shorter pathname.

EOM

```
fi ;;
```

```
esac
```

```
::
```

```
*)
startperl=": # use perl"
;;
esac
;;
esac
echo "I'll use $startperl to start perl scripts."
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/startperl.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_accessx: Inlibc

?MAKE: -pick add \$@ %<

?S:d_accessx:

?S: This variable conditionally defines the HAS_ACCESSX symbol, which

?S: indicates to the C program that the accessx() routine is available.

?S:.

?C:HAS_ACCESSX :

?C: This symbol, if defined, indicates that the accessx routine is

?C: available to do extended access checks.

?C:.

?H:#\$d_accessx HAS_ACCESSX /**/

?H:.

?LINT:set d_accessx

: see if accessx exists

set accessx d_accessx

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/d_accessx.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1996, Andy Dougherty

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_strtoul.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 15:46:43 ram

?RCS: patch61: created

?RCS:

?RCS:

?MAKE:d_strtoul: Inlibc

?MAKE: -pick add \$@ %<

?S:d_strtoul:

?S: This variable conditionally defines the HAS_STRTOUL symbol, which

?S: indicates to the C program that the strtoul() routine is available

?S: to provide conversion of strings to unsigned long.

?S:.

?C:HAS_STRTOUL (STRTOUL):

?C: This symbol, if defined, indicates that the strtoul routine is

?C: available

to provide conversion of strings to unsigned long.

?C:.

?H:#\$d_strtoul HAS_STRTOUL /**/

?H:.

?LINT:set d_strtoul

: see if strtoul exists

set strtoul d_strtoul

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strtoul.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_gethostbyname_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_gethostbyname_r gethostbyname_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_gethostbyname_r:

?S: This variable conditionally defines the HAS_GETHOSTBYNAME_R symbol,

?S: which indicates to the C program that the gethostbyname_r()

?S: routine is available.

?S:.

?S:gethostbyname_r_proto:

?S: This variable encodes the prototype of gethostbyname_r.

?S: It is zero if d_gethostbyname_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gethostbyname_r

?S: is defined.

?S:.

?C:HAS_GETHOSTBYNAME_R:

?C: This symbol, if defined, indicates

that the gethostbyname_r routine

?C: is available to gethostbyname re-entrantly.

?C:.

?C:GETHOSTBYNAME_R_PROTO:

?C: This symbol encodes the prototype of gethostbyname_r.

?C: It is zero if d_gethostbyname_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gethostbyname_r

?C: is defined.

?C:.

?H:#\$d_gethostbyname_r HAS_GETHOSTBYNAME_R /**/
?H:#define GETHOSTBYNAME_R_PROTO \$gethostbyname_r_proto /**/
?H:.

?T:try hdrs d_gethostbyname_r_proto
: see if gethostbyname_r exists
set gethostbyname_r d_gethostbyname_r
eval \$inlibc
case "\$d_gethostbyname_r" in
"\$define")
hdrs="\$i_systypes sys/types.h define stdio.h \$i_netdb netdb.h"
case "\$d_gethostbyname_r_proto:\$usetthreads" in
":define") d_gethostbyname_r_proto=define
set d_gethostbyname_r_proto gethostbyname_r \$hdrs
eval \$hasproto ;;
*) ;;
esac
case "\$d_gethostbyname_r_proto" in
define)
case "\$gethostbyname_r_proto" in
"|0) try='int gethostbyname_r(const char*, struct hostent*, char*, size_t, struct
hostent**, int*);'
./protochk "\$extern_C \$try" \$hdrs && gethostbyname_r_proto=I_CSBWRE ;;
esac
case "\$gethostbyname_r_proto" in
"|0) try='struct hostent* gethostbyname_r(const char*, struct hostent*, char*, int, int*);'
./protochk "\$extern_C \$try" \$hdrs && gethostbyname_r_proto=S_CSBIE ;;
esac
case "\$gethostbyname_r_proto" in
"|0) try='int gethostbyname_r(const char*, struct hostent*, struct hostent_data*);'


```

./protochk "$extern_C $try" $hdrs && gethostbyname_r_proto=I_CSD ;;
esac
case "$gethostbyname_r_proto" in
|0) d_gethostbyname_r=undef
gethostbyname_r_proto=0
echo "Disabling gethostbyname_r, cannot determine prototype." >&4 ;;
*) case "$gethostbyname_r_proto" in
REENTRANT_PROTO*) ;;
*) gethostbyname_r_proto="REENTRANT_PROTO_$gethostbyname_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "gethostbyname_r has no prototype, not using it." >&4 ;;
esac
d_gethostbyname_r=undef
gethostbyname_r_proto=0
;;
esac
;;
*) gethostbyname_r_proto=0
;;
esac

```

Found

in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_gethostbyname_r.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_pwd.U,v 3.0.1.2 1995/07/25 14:10:57 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: i_pwd.U,v \$

?RCS: Revision 3.0.1.2 1995/07/25 14:10:57 ram

?RCS: patch56: use setvar so hint file values can override our guesses (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:03:27 ram

?RCS: patch23: had forgotten cppminus in cppstdin test (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:25 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit checks whether there is a pwd system or not

?X:

?MAKE:i_pwd d_pwquota d_pwage d_pwchange
d_pwclass d_pwexpire \
d_pwgecos d_pwpasswd d_pwcomment: \
contains rm cppstdin cppflags cppminus Inhdr Findhdr Setvar

?MAKE: -pick add \$@ %<

?S:i_pwd:

?S: This variable conditionally defines I_PWD, which indicates

?S: to the C program that it should include <pwd.h>.

?S:.

?S:d_pwquota:

?S: This variable conditionally defines PWQUOTA, which indicates

?S: that struct passwd contains pw_quota.

?S:.

?S:d_pwage:

?S: This variable conditionally defines PWAGE, which indicates

?S: that struct passwd contains pw_age.

?S:.

?S:d_pwchange:

?S: This variable conditionally defines PWCHANGE, which indicates

?S: that struct passwd contains pw_change.

?S:.

?S:d_pwclass:

?S: This variable conditionally defines PWCLASS, which indicates

?S: that struct passwd contains pw_class.

?S:.

?S:d_pwexpire:

?S: This variable conditionally defines PWEXPIRE, which indicates

?S: that struct passwd contains pw_expire.

?S:.

?S:d_pwcomment:

?S: This variable conditionally defines PWCOMMENT, which indicates

?S: that

struct passwd contains pw_comment.

?S:.

?S:d_pwgecos:

?S: This variable conditionally defines PWGECOS, which indicates

?S: that struct passwd contains pw_gecos.

?S:.

?S:d_pwpasswd:

?S: This variable conditionally defines PWPASSWD, which indicates

?S: that struct passwd contains pw_passwd.

?S:.

?C:I_PWD:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <pwd.h>.
?C:.

?C:PWQUOTA:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_quota.
?C:.

?C:PWAGE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_age.
?C:.

?C:PWCHANGE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_change.
?C:.

?C:PWCLASS:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_class.
?C:.

?C:PWEXPIRE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_expire.
?C:.

?C:PWCOMMENT:
?C: This
symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_comment.
?C:.

?C:PWGECOS:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_gecos.
?C:.

?C:PWPASSWD:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_passwd.
?C:.

?H:#\$i_pwd I_PWD /**/
?H:#\$d_pwquota PWQUOTA /**/
?H:#\$d_pwage PWAGE /**/
?H:#\$d_pwchange PWCHANGE /**/
?H:#\$d_pwclass PWCLASS /**/
?H:#\$d_pwexpire PWEXPIRE /**/
?H:#\$d_pwcomment PWCOMMENT /**/
?H:#\$d_pwgecos PWGECOS /**/
?H:#\$d_pwpasswd PWPASSWD /**/
?H:.

?LINT: set i_pwd d_pwquota d_pwage d_pwchange d_pwclass d_pwexpire d_pwcomment

```

?LINT: set d_pwgecos d_pwpasswd
?T:xxx
: see if this is a pwd.h system
set pwd.h i_pwd
eval $inhdr

case "$i_pwd" in
$define)
xxx=`./findhdr pwd.h`
$cppstdin $cppflags $cppminus < $xxx >$$h

if $contains 'pw_quota' $$h >/dev/null 2>&1; then
val="$define"
else
val="$undef"
fi
set d_pwquota
eval $setvar

if $contains 'pw_age'
$$h >/dev/null 2>&1; then
val="$define"
else
val="$undef"
fi
set d_pwage
eval $setvar

if $contains 'pw_change' $$h >/dev/null 2>&1; then
val="$define"
else
val="$undef"
fi
set d_pwchange
eval $setvar

if $contains 'pw_class' $$h >/dev/null 2>&1; then
val="$define"
else
val="$undef"
fi
set d_pwclass
eval $setvar

if $contains 'pw_expire' $$h >/dev/null 2>&1; then
val="$define"
else
val="$undef"

```

```

fi
set d_pwexpire
eval $setvar

if $contains 'pw_comment' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwcomment
eval $setvar

if $contains 'pw_gecos' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwgecos
eval $setvar

if $contains 'pw_passwd' $$h >/dev/null 2>&1; then
    val="$define"
else
    val="$undef"
fi
set d_pwpasswd
eval $setvar

$rm -f $$h
;;
*)
val="$undef";
set d_pwquota; eval $setvar
set d_pwage; eval $setvar
set d_pwchange; eval $setvar
set d_pwclass; eval $setvar
set
d_pwexpire; eval $setvar
set d_pwcomment; eval $setvar
set d_pwgecos; eval $setvar
set d_pwpasswd; eval $setvar
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_pwd.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strxfrm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_strxfrm.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:12:04 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_strxfrm: Inlibc
?MAKE: -pick add $@ %<
?S:d_strxfrm:
?S: This variable conditionally defines HAS_STRXFRM if strxfrm() is
?S: available to transform strings.
?S:.
?C:HAS_STRXFRM:
?C: This symbol, if defined, indicates that the strxfrm() routine is
?C: available to transform
strings.
?C:.
?H:#$d_strxfrm HAS_STRXFRM /**/
?H:.
?LINT:set d_strxfrm
: see if strxfrm exists
set strxfrm d_strxfrm
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strxfrm.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysmode.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
```

?MAKE:i_sysmode: Inhdr Hasfield
?MAKE: -pick add \$@ %<
?S:i_sysmode:
?S: This variable conditionally defines the I_SYSMODE symbol,
?S: and indicates whether a C program should include <sys/mode.h>.
?S:.
?C:I_SYSMODE:
?C: This symbol, if defined, indicates that <sys/mode.h> exists and
?C: should be included.
?C:.
?H:#\$i_sysmode I_SYSMODE /**/
?H:.
?LINT:set i_sysmode
: see if this is a sys/mode.h system
set sys/mode.h i_sysmode
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysmode.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: fpostype.U,v \$
?RCS: Revision 3.0.1.2 1994/08/29 16:20:52 ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 06:59:59 ram
?RCS: patch30: created
?RCS:
?MAKE:fpostype: Myread Typedef
?MAKE: -pick add \$@ %<
?S:fpostype:
?S: This variable defines Fpos_t to be something like fpost_t, long,
?S: uint, or whatever type is used to declare file positions in libc.
?S:.
?C:Fpos_t:
?C: This symbol holds the type used to declare file positions

```

in libc.
?C: It can be fpos_t, long, uint, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Fpos_t $fpostype /* File position type */
?H:.
: see what type file positions are declared as in the library
set fpos_t fpostype long stdio.h sys/types.h
eval $typedef
echo " "
dflt="$fpostype"
rp="What is the type for file position used by fsetpos()?"
./myread
fpostype="$ans"

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/fpostype.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: usrinc.U,v 1.1 2000/06/27 00:20:28 jhi Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: usrinc.U,v $
?RCS: Revision 1.1 2000/06/27 00:20:28 jhi
?RCS: Initial revision
?RCS:
?RCS: Revision 3.0.1.3 1997/02/28 16:27:12 ram
?RCS: patch61: don't ask for the include path unless they are on a MIPS
?RCS:
?RCS: Revision 3.0.1.2 1995/05/12 12:24:36 ram
?RCS: patch54: ensure that ./mips always exists (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 15:18:31 ram
?RCS: patch23: ensure usrinc value is preserved across sessions (WED)
?RCS:
?RCS: Revision
3.0 1993/08/18 12:09:58 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:usrinc incpath mips_type: test cat echo n c Getfile Guess \

```



```

Oldconfig eunicefix contains rm sysroot cc
?MAKE: -pick add $@ %<
?S:usrinc:
?S: This variable holds the path of the include files, which is
?S: usually /usr/include. It is mainly used by other Configure units.
?S:.
?S:incpath:
?S: This variable must precede the normal include path to get the
?S: right one, as in "$incpath/usr/include" or "$incpath/usr/lib".
?S: Value can be "" or "/bsd43" on mips.
?S:.
?S:mips_type:
?S: This variable holds the environment type for the mips system.
?S: Possible values are "BSD 4.3" and "System V".
?S:.
?D:usrinc='/usr/include'
?LINT:extern cppflags
?LINT:create mips
?T:xxx_prompt
?F:./mips
: What should the include directory be ?
: Use sysroot if set, so findhdr looks in the right place.
echo " "
$echo $n "Hmm... $c"
dflt="$sysroot/usr/include"
incpath=""
?X: mips_type is used later, to add -DSYSTYPE_BSD43
to cppflags if needed.
mips_type=""
?X:
?X: Cannot put the following in Guess, or we get a circular dependency.
?X:
if $test -f /bin/mips && /bin/mips; then
echo "Looks like a MIPS system..."
$cat >usr.c <<'EOCP'
#ifdef SYSTYPE_BSD43
/bsd43
#endif
EOCP
if $cc $cppflags -E usr.c > usr.out && $contains /usr.out >/dev/null 2>&1; then
dflt='/bsd43/usr/include'
incpath='/bsd43'
mips_type='BSD 4.3'
else
mips_type='System V'
fi
$rm -f usr.c usr.out
echo "and you're compiling with the $mips_type compiler and libraries."

```

```

xxx_prompt=y
echo "exit 0" >mips
else
echo "Doesn't look like a MIPS system."
xxx_prompt=n
echo "exit 1" >mips
fi
chmod +x mips
$unicefix mips
case "$usrinc" in
") ;;
*) dflt="$usrinc";;
esac
case "$xxx_prompt" in
y) fn=d/
echo " "
rp='Where are the include files you want to use?'
./getfile
usrinc="$ans"
;;
*) usrinc="$dflt"
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/usrinc.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_lstat.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS:

?RCS: \$Log: d_lstat.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:28 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_lstat: Inlibc

?MAKE: -pick add \$@ %<

?S:d_lstat:

?S: This variable conditionally defines HAS_LSTAT if lstat() is

?S: available to do file stats on symbolic links.

?S:.

?C:HAS_LSTAT (LSTAT):

?C: This symbol, if defined, indicates that the lstat routine is

?C: available to do file stats on symbolic links.

?C:.

?H:#\$d_lstat HAS_LSTAT /**/

?H:.

?LINT:set

d_lstat

: see if lstat exists

set lstat d_lstat

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_lstat.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: prefshell.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: prefshell.U,v \$

?RCS: Revision 3.0.1.2 1994/10/29 16:28:13 ram

?RCS: patch36: added SHELL temporary since metalint now sees \${SHELL}

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 16:11:47 ram

?RCS: patch10: non-portable var substitution was used (WAD)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:34 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:prefshell: cat package Getfile Oldconfig ksh csh bash

?MAKE: -pick add \$@ %<

?S:prefshell:

?S: This

variable contains the eventual value of the PREFSHELL symbol,

?S: which contains the full name of the preferred user shell on this

?S: system. Usual values are /bin/csh, /bin/ksh, /bin/sh.

?S:.

?C:PREFSHELL:

?C: This symbol contains the full name of the preferred user shell on this

```

?C: system. Usual values are /bin/csh, /bin/ksh, /bin/sh.
?C:.
?H:#define PREFSHELL "$prefshell" /**/
?H:.
?T:SHELL
: find out which shell people like to use most
case "$prefshell" in
")
case "$ksh $bash $csh" in
*/ksh*) dflt="$ksh" ;;
*/bash*) dflt="$bash" ;;
*/csh*) dflt="$csh" ;;
*) dflt='/bin/sh' ;;
esac
;;
*) dflt="$prefshell";;
esac
?X: Some shells (Ultrix) do not understand ${SHELL:-/bin/sh}, sigh!
$cat <<EOM

```

Give the full path name of the shell most people like to use on your system. This will be used by \$package whenever the user wants to get a shell escape (for instance) and is not necessarily the same as the shell you are currently using (\${SHELL:-/bin/sh}).

```

EOM
fn=f/~
rp='Preferred
shell to be used?'
./getfile
prefshell=$ans

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/prefshell.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

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?RCS:

?RCS: \$Log: gidtype.U,v \$

?RCS: Revision 3.0.1.3 1994/08/29 16:21:44 ram

?RCS: patch32: now uses new Typedef unit to compute type information

?RCS: patch32: removed useless usage of Setvar (for now)

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:21:07 ram

?RCS: patch27: added lint hint

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:01:51 ram

?RCS: patch23: protected gidtype setting via setvar (ADO)

?RCS: patch23: made Gid_t comment more explicit (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:11 ram

?RCS:

Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:gidtype: Myread Typedef Findhdr

?MAKE: -pick add \$@ %<

?S:gidtype:

?S: This variable defines Gid_t to be something like gid_t, int,

?S: ushort, or whatever type is used to declare the return type

?S: of getgid(). Typically, it is the type of group ids in the kernel.

?S:.

?C:Gid_t (GIDTYPE):

?C: This symbol holds the return type of getgid() and the type of

?C: argument to setrgid() and related functions. Typically,

?C: it is the type of group ids in the kernel. It can be int, ushort,

?C: uid_t, etc... It may be necessary to include <sys/types.h> to get

?C: any typedef'ed information.

?C:.

?H:#define Gid_t \$gidtype /* Type for getgid(), etc... */

?H:.

?T:xxx

: see what type gids are declared as in the kernel

```
set gid_t gidtype xxx stdio.h sys/types.h
eval $typedef
case "$gidtype" in
xxx)
xxx=`./findhdr sys/user.h`
set `grep 'groups\[NGROUPS\];' "$xxx" 2>/dev/null` unsigned short
case $1 in
unsigned) dflt="$1 $2" ;;
*) dflt="$1"
;;
esac
;;
*) dflt="$gidtype";;
esac
echo " "
```

rp="What is the type for group ids returned by getgid()?"

./myread

gidtype="\$ans"

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/gidtype.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getlogin.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_getlogin.U,v \$

?RCS: Revision 3.0.1.1 1994/08/29 16:07:41 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:d_getlogin: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getlogin:

?S: This variable conditionally defines the HAS_GETLOGIN symbol, which

?S: indicates to the C program that the getlogin() routine is available

?S: to get the login name.

?S:.

?C:HAS_GETLOGIN :

?C: This symbol,

if defined, indicates that the getlogin routine is

?C: available to get the login name.

?C:.

?H:#\$d_getlogin HAS_GETLOGIN /**/

?H:.

?LINT:set d_getlogin

: see if getlogin exists

set getlogin d_getlogin

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getlogin.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Hasproto.U $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?X: This unit generates a $hasproto string that is used internally
?X: by Configure to check if this system has a prototype for a
?X: particular function
?X:
?X: To use it, say something like:
?X: set d_getnetent_proto getnetent $i_netdb netdb.h
?X: eval $hasproto
?X: Or, for more complicated sets of headers, do something like
?X: hdrs="$define sys/types.h
?X: $i_systime sys/time.h
?X: $i_sysselect sys/select.h
?X: $i_netdb netdb.h"
?X: set d_getnetent_proto getnetent $hdrs
?X: eval $hasproto
?X:
?X: There is also an 'escape' hatch built in. If you have a pair
?X: of args 'literal 'stuff' then 'stuff' gets included literally
?X: into the test program. See Protochk.U for more details.
?X:
?MAKE:Hasproto:
Setvar cppstdin cppflags cppminus contains rm_try test
?MAKE: -pick add $@ %<
?T:func varname
?F:!try.c
?V:hasproto
: Define hasproto macro for Configure internal use
hasproto='varname=$1; func=$2; shift; shift;
while $test $# -ge 2; do
case "$1" in
$define) echo "#include <$2>;";
literal) echo "$2" ;;
esac ;
shift 2;
done > try.c;
$cppstdin $cppflags $cppminus < try.c > tryout.c 2>/dev/null;
if $contains "$func.*(" tryout.c >/dev/null 2>&1; then
echo "$func() prototype found.";
val="$define";
else
```

```
echo "$func() prototype NOT found.";
val="$undef";
fi;
set $varname;
eval $setvar;
$rm_try tryout.c'
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/Hasproto.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: instubperl.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?MAKE:installusrbinperl: installbin cat bin Myread Setvar test Devel
```

```
?MAKE: -pick add $@ %<
```

```
?LINT:set installusrbinperl
```

```
?Y:TOP
```

```
?S:installusrbinperl:
```

```
?S: This variable tells whether Perl should be installed also as
```

```
?S: /usr/bin/perl in addition to
```

```
?S: $installbin/perl
```

```
?S:.
```

```
?C:INSTALL_USR_BIN_PERL:
```

```
?C: This symbol, if defined, indicates that Perl is to be installed
```

```
?C: also as /usr/bin/perl.
```

```
?C:.
```

```
?H:#$installusrbinperl INSTALL_USR_BIN_PERL /**/
```

```
?H:.
```

```
: determine
```

```
whether to install perl also as /usr/bin/perl
```

```
echo " "
```

```
if $test -d /usr/bin -a "X$installbin" != X/usr/bin; then
```

```
$cat <<EOM
```

```
Many scripts expect perl to be installed as /usr/bin/perl.
```

If you want to, I can install the perl you are about to compile

as /usr/bin/perl (in addition to \$bin/perl).

EOM


```
if test -f /usr/bin/perl; then
    $cat <<EOM
```

However, please note that because you already have a /usr/bin/perl, overwriting that with a new Perl would very probably cause problems. Therefore I'm assuming you don't want to do that (unless you insist).

EOM

```
    case "$installusrbinperl" in
        "$define"|[yY]*) dflt='y';;
        *) dflt='n';;
    esac
else
    $cat <<EOM
```

Since you don't have a /usr/bin/perl I'm assuming creating one is okay.

EOM

```
    case "$installusrbinperl" in
        "$undef"|[nN]*) dflt='n';;
        *) dflt='y';;
    esac
fi
rp="Do you want to install perl as /usr/bin/perl?"
. ./myread
case "$ans" in
[yY]*) val="$define";;
*) val="$undef" ;;
esac
else
val="$undef"
fi
set
installusrbinperl
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/instubperl.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Unix.U,v 3.0.1.1 1997/02/28 15:20:06 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root
 ?RCS: of the source tree for dist 3.0.
 ?RCS:
 ?RCS: \$Log: Unix.U,v \$
 ?RCS: Revision 3.0.1.1 1997/02/28 15:20:06 ram
 ?RCS: patch61: created
 ?RCS:
 ?X:
 ?X: The purpose of this unit is to define things that are common across all
 ?X: known UNIX platforms. If Configure is ported/used on a non-UNIX
 ?X: environment, then some of the following variables can be redefined in hint
 ?X: files.
 ?X:
 ?MAKE:Unix _exe _a _o exe_ext lib_ext obj_ext path_sep \
 firstmakefile archobjs rm_try: Oldconfig rm
 ?MAKE: -pick add \$@ %<
 ?S:_exe:
 ?S: This
 variable defines the extension used for executable files.
 ?S: DJGPP, Cygwin and OS/2 use '.exe'. Stratus VOS uses '.pm'.
 ?S: On operating systems which do not require a specific extension
 ?S: for executable files, this variable is empty.
 ?S:.
 ?S:_a:
 ?S: This variable defines the extension used for ordinary library files.
 ?S: For unix, it is '.a'. The '.' is included. Other possible
 ?S: values include '.lib'.
 ?S:.
 ?S:_o:
 ?S: This variable defines the extension used for object files.
 ?S: For unix, it is '.o'. The '.' is included. Other possible
 ?S: values include '.obj'.
 ?S:.
 ?S:firstmakefile:
 ?S: This variable defines the first file searched by make. On unix,
 ?S: it is makefile (then Makefile). On case-insensitive systems,
 ?S: it might be something else. This is only used to deal with
 ?S: convoluted make depend tricks.
 ?S:.
 ?S:archobjs:
 ?S: This variable defines any additional objects that must be linked
 ?S: in with the program on this architecture. On unix, it is usually
 ?S: empty.
 It is typically used to include emulations of unix calls
 ?S: or other facilities. For perl on OS/2, for example, this would
 ?S: include os2/os2.obj.
 ?S:.
 ?X: Metaconfig's Obsolete symbol stuff is too over-eager. In the

?X: perl sources, it picks up things like "P" and "FLOCK" that are
?X: not used in the way Metaconfig thinks they are. Thus I can't
?X: just declare these obsolete and then run metaconfig -o.
?X: Instead, I'll just handle them here.
?X: Sadly, history has conspired to give us a web of definitions;
?X: this could have been much simpler.

?S:lib_ext:
?S: This is an old synonym for _a.
?S:.
?S:exe_ext:
?S: This is an old synonym for _exe.
?S:.
?S:obj_ext:
?S: This is an old synonym for _o.
?S:.
?S:path_sep:
?S: This is an old synonym for p_ in Head.U, the character
?S: used to separate elements in the command shell search PATH.
?S:.
?S:rm_try:
?S: This is a cleanup variable for try test programs.
?S: Internal Configure use only.
?S:.
?LINT: change p_
?INIT::
Trailing extension. Override this in a hint file, if needed.
?INIT:: Extra object files, if any, needed on this platform.
?INIT:archobjs="
: Define several unixisms.
: Hints files or command line option can be used to override them.
: The convoluted testing is in case hints files set either the old
: or the new name.
case "\$_exe" in
") case "\$exe_ext" in
") ;;
*) _exe="\$exe_ext" ;;
esac
;;
esac
case "\$_a" in
") case "\$lib_ext" in
") _a='a';;
*) _a="\$lib_ext" ;;
esac
;;
esac
case "\$_o" in
") case "\$obj_ext" in

```

") _o='.o';;
*) _o="$obj_ext";;
esac
;;
esac
case "$p_" in
") case "$path_sep" in
") p_=':';;
*) p_="$path_sep";;
esac
;;
esac
exe_ext=$_exe
lib_ext=$_a
obj_ext=$_o
path_sep=$p_

```

```
rm_try="$rm -f try try$_exe a.out .out try.[cho] try.$_o core core.try* try.core**"
```

```

@if firstmakefile
: Which makefile gets called first. This is used by make depend.
case "$firstmakefile" in
") firstmakefile='makefile';;
esac

```

```
@end
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Unix.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_fseeko: Inlibc longsize

?MAKE: -pick add \$@ %<

?S:d_fseeko:

?S: This variable conditionally defines the HAS_FSEEKO symbol, which

?S: indicates to the C program that the fseeko() routine is available.

?S:.

?C:HAS_FSEEKO:

?C: This symbol, if defined, indicates that the fseeko routine is

?C: available to fseek beyond 32 bits (useful for ILP32 hosts).

```
?C:
?H:#$d_fseeko HAS_FSEEKO /**/
?H:
?LINT:set d_fseeko
: see if fseeko exists
set fseeko d_fseeko
eval $inlibc
case "$longsize" in
8) echo "(Your long is 64 bits, so you could use fseek.)" ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fseeko.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: Original author Jarkko Hietaniemi <jhi@iki.fi>
?RCS: Merged into dist by Andy Dougherty July 13, 1998
?RCS:
?MAKE:trnl: Nothing
?MAKE: -pick add $@ %<
?S:trnl:
?S: This variable contains the value to be passed to the tr(1)
?S: command to transliterate a newline. Typical values are
?S: '\012' and '\n'. This is needed for EBCDIC systems where
?S: newline is not necessarily '\012'.
?S:
?T: DJGPP
: Find the appropriate value for a newline for tr
?X: We can't
use $tr since that would cause a circular dependency via Myread
?X: dos djgpp uses '\015\012', but reportedly is happy with '\012' in the
?X: tr command. I don't know why it passes the '\n' test but later
?X: refuses to work correctly with it. --AD 6/14/98
if test -n "$DJGPP"; then
trnl='\012'
```

```

fi
if test X"$trnl" = X; then
  case "`echo foo | tr '\n' x 2>/dev/null`" in
  foox) trnl='\n' ;;
  esac
fi
if test X"$trnl" = X; then
  case "`echo foo | tr '\012' x 2>/dev/null`" in
  foox) trnl='\012' ;;
  esac
fi
if test X"$trnl" = X; then
  case "`echo foo | tr '\r\n' xy 2>/dev/null`" in
  fooxy) trnl='\n\r' ;;
  esac
fi
if test X"$trnl" = X; then
  cat <<EOM >&2

```

\$me: Fatal Error: cannot figure out how to translate newlines with 'tr'.

```

EOM
exit 1
fi

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/trnl.U

```

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?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_erf: Inlibc

?MAKE: -pick add \$@ %<

?S:d_erf:

?S: This variable conditionally defines the HAS_ERF symbol, which

?S: indicates to the C program that the erf() routine is available.

?S:.

?C:HAS_ERF:

?C: This symbol, if defined, indicates that the erf routine is

?C: available to do the error function.

?C:.

?H:#\$d_erf HAS_ERF /**/

?H:.

?LINT:set d_erf

: see if erf exists

set erf d_erf

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_eref.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_endhostent_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

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?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_endhostent_r endhostent_r_proto: Inlibc Protochk Hasproto i_systypes \
usethreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_endhostent_r:

?S: This variable conditionally defines the HAS_ENDHOSTENT_R symbol,

?S: which indicates to the C program that the endhostent_r()

?S: routine is available.

?S:.

?S:endhostent_r_proto:

?S: This variable encodes the prototype of endhostent_r.

?S: It is zero if d_endhostent_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endhostent_r

?S: is defined.

?S:.

?C:HAS_ENDHOSTENT_R:

?C: This symbol, if defined, indicates that the endhostent_r routine

?C: is

available to endhostent re-entrantly.

?C:.

?C:ENDHOSTENT_R_PROTO:

?C: This symbol encodes the prototype of endhostent_r.

?C: It is zero if d_endhostent_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endhostent_r

?C: is defined.

?C:.

?H:#\$d_endhostent_r HAS_ENDHOSTENT_R /**/

?H:#define ENDHOSTENT_R_PROTO \$endhostent_r_proto /**/

?H:.

?T:try hdrs d_endhostent_r_proto

: see if endhostent_r exists

set endhostent_r d_endhostent_r

eval \$inlibc

case "\$d_endhostent_r" in

```

"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_endhostent_r_proto:$usethreads" in
":define") d_endhostent_r_proto=define
set d_endhostent_r_proto endhostent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_endhostent_r_proto" in
define)
case "$endhostent_r_proto" in
"|0) try='int endhostent_r(struct hostent_data*);'
./protochk "$extern_C $try" $hdrs && endhostent_r_proto=I_D ;;
esac
case "$endhostent_r_proto" in
"|0) try='void endhostent_r(struct
hostent_data*);'
./protochk "$extern_C $try" $hdrs && endhostent_r_proto=V_D ;;
esac
case "$endhostent_r_proto" in
"|0) d_endhostent_r=undef
endhostent_r_proto=0
echo "Disabling endhostent_r, cannot determine prototype." >&4 ;;
* ) case "$endhostent_r_proto" in
REENTRANT_PROTO*) ;;
*) endhostent_r_proto="REENTRANT_PROTO_$endhostent_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "endhostent_r has no prototype, not using it." >&4 ;;
esac
d_endhostent_r=undef
endhostent_r_proto=0
;;
esac
;;
*) endhostent_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endhostent_r.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_tcgtpgrp.U 1 2006-08-24 12:32:52Z rmanfredi $
```



```

?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_tcgetpgrp.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:12:08 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_tcgetpgrp: Inlibc
?MAKE: -pick add $@ %<
?S:d_tcgetpgrp:
?S: This variable conditionally defines the HAS_TCGETPGRP symbol, which
?S: indicates to the C program that the tcgetpgrp() routine is available.
?S: to get foreground process group ID.
?S:.
?C:HAS_TCGETPGRP
:
?C: This symbol, if defined, indicates that the tcgetpgrp routine is
?C: available to get foreground process group ID.
?C:.
?H:#$d_tcgetpgrp HAS_TCGETPGRP /**/
?H:.
?LINT:set d_tcgetpgrp
: see if tcgetpgrp exists
set tcgetpgrp d_tcgetpgrp
eval $inlibc

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_tcgetpgrp.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
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?RCS: of the source tree for dist 4.0.

```

?RCS:
?RCS: \$Log: errnolist.U,v \$
?RCS: Revision 3.0.1.2 1997/02/28 15:48:01 ram
?RCS: patch61: replaced .a with \$_a all over the place
?RCS: patch61: likewise for .o replaced by \$_o
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:10:54 ram
?RCS: patch16: created
?RCS:
?MAKE:errnolist errnolist_SH errnolist_a errnolist_c errnolist_o: cat +cc \
+ccflags +libs +d_sysernlst_a_o
?MAKE: -pick add \$@ %<
?S:errnolist:
?S: This variable holds the base name of a file containing the
?S: definition of the sys_errnolist
array, if the C library
?S: doesn't provide it already. Otherwise, its value is empty.
?S: The following lines should be included in your Makefile.SH:
?S:
?S: case "\$serrnolist" in
?S: ") ;;
?S: *)
?S: \$spitshell >>Makefile <<!GROK!THIS!
?S: \$serrnolist_c: \$serrnolist_SH \$serrnolist_a
?S: sh ./serrnolist_SH
?S:
?S: !GROK!THIS!
?S: ;;
?S: esac
?S:
?S: You may define the 'errnolist' variable in your Myinit.U if you
?S: wish to override its default value "errnolist".
?S:.
?S:errnolist_SH:
?S: This is the name of a file which will generate errnolistic.
?S:.
?S:errnolist_a:
?S: This is the name of the awk script called by errnolist_SH.
?S:.
?S:errnolist_c:
?S: This is the name of a generated C file which provides the
?S: definition of the sys_errnolist array.
?S:.
?S:errnolist_o:
?S: This is the name of the object file which provides the
?S: definition of the sys_errnolist array, if the C library
?S: doesn't provide it already. Otherwise, its value is empty.
?S:.

```

?INIT:errnolist=errnolist
:
check for sys_errnolist
@if d_sysernlst || HAS_SYS_ERRNOLIST
case "$d_sysernlst" in
"$define")
    errnolist="
    errnolist_SH="
    errnolist_a="
    errnolist_c="
    errnolist_o="
;;
*)
echo " "
echo "I'll make sure your Makefile provides sys_errnolist in $errnolist.c"
    errnolist_SH=$errnolist.SH
    errnolist_a=$errnolist$_a
    errnolist_c=$errnolist.c
    errnolist_o=$errnolist$_o
;;
esac
@else
echo " "
$cat <<EOM
Checking to see if your C library provides us with sys_errnolist[...]
EOM
$cat >errnolist.c <<'EOCP'
extern char *sys_errnolist[];
int main() {
    char *p0 = sys_errnolist[0];
    char *p1 = sys_errnolist[1];

    return (p0 == p1); /* Make sure they're not optimized away */
}
EOCP
if $cc $ccflags -o errnolist errnolist.c $libs >/dev/null 2>&1 ; then
    echo "It does."
    errnolist="
    errnolist_SH="
    errnolist_a="
    errnolist_c="
    errnolist_o="
else
echo "I'll make sure your Makefile provides sys_errnolist in $errnolist.c"

    errnolist_SH=$errnolist.SH
    errnolist_a=$errnolist$_a
    errnolist_c=$errnolist.c

```

errnolist_o=\$errnolist\$_o

fi

@end

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/errnolist.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getpent.U,v 3.0 1993/08/18 12:06:09 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d_getpent.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_getpent: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getpent:

?S: This variable conditionally defines HAS_GETPROTOENT if getprotoent() is

?S: available to look up protocols in some data base or another.

?S:.

?C:HAS_GETPROTOENT:

?C: This symbol, if defined, indicates that the getprotoent() routine is

?C: available to look up protocols in some data base

or another.

?C:.

?H:#\$d_getpent HAS_GETPROTOENT /**/

?H:.

?LINT:set d_getpent

: see if getprotoent exists

set getprotoent d_getpent

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getpent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Setprefixvar.U,v 3.0 2006/04/01 17:25:29 hmbrand \$

?RCS:

```

?RCS: Copyright (c) 2006-2006, H.Merijn Brand & Nicholas Clark
?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?X:
?X: This unit sets up the scripts installprefix and setprefixvar, so code
?X: in other parts can be more simple and maintainable
?X:
?MAKE:Setprefixvar: Myread Getfile startsh eunicefix test \
prefix prefixexp installprefix installprefixexp
?MAKE: -pick add $@ %<
?LINT:extern prefixvar
?X: metalint still sees "\${prefixvar}exp`" as variable :(
?T:prefixvarexp
?F:./setprefixvar
?F:./installprefix
: Perform
the prefixexp/installprefixexp correction if necessary
cat <<EOS >installprefix
$startsh
EOS
cat <<'EOSC' >>installprefix
: Change installation prefix, if necessary.
if $test X"$prefix" != X"$installprefix"; then
eval "install${prefixvar}=\`echo \${${prefixvar}exp | sed `s#^\${prefixexp#\$installprefixexp#\`\"
else
eval "install${prefixvar}=\`\${${prefixvar}exp\`\"
fi
EOSC
chmod +x installprefix
$eunicefix installprefix

: Set variables such as privlib and privlibexp from the output of ./getfile
: performing the prefixexp/installprefixexp correction if necessary.
cat <<EOS >setprefixvar
$startsh
EOS
cat <<'EOSC' >>setprefixvar
eval "${prefixvar}=\`\$ans\`\"
eval "${prefixvar}exp=\`\$ansexp\`\"
./installprefix
EOSC
chmod +x setprefixvar

```

\$eunicefix setprefixvar

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/Setprefixvar.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Myinit.U,v 3.0 1993/08/18 12:05:07 ram Exp \$

?RCS:

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?RCS:

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?RCS:

?RCS: \$Log: Myinit.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:07 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: If you want to initialize any default values, copy this unit to your

?X: personal U directory and add the assignments to the end. This file

?X: is included after variables are initialized but before any old

?X: config.sh file is read in and before any Configure switch processing.

?X:

?MAKE:Myinit

libswanted: Init

?MAKE: -pick add \$@ %<

?S:libswanted:

?S: This variable holds a list of all the libraries we want to

?S: search. The order is chosen to pick up the c library

?S: ahead of ucb or bsd libraries for SVR4.

?S:.

?LINT:extern usevfork glibpth

?LINT:change usevfork glibpth

: List of libraries we want.

?X: Put crypt here, even though I should really fix d_crypt.U to look

?X: for it correctly, including possible shared library versions.

: If anyone needs extra -lxxx, put those in a hint file.

libswanted="cl pthread socket bind inet nsl ndbm gdbm dbm db malloc dl ld"

libswanted="\$libswanted sun m crypt sec util c cposix posix ucb bsd BSD"

: We probably want to search /usr/shlib before most other libraries.

: This is only used by the lib/ExtUtils/MakeMaker.pm routine extliblist.

glibpth=`echo " \$glibpth " | sed -e 's! /usr/shlib ! !'`

glibpth="/usr/shlib \$glibpth"

: Do not use vfork unless overridden by a hint file.

usevfork=false

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Myinit.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_endsent.U,v 3.0 1993/08/18 12:06:09 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d_endsent.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_endsent: Inlibc

?MAKE: -pick add \$@ %<

?S:d_endsent:

?S: This variable conditionally defines HAS_ENDSERVENT if endservent() is

?S: available to close whatever was being used for service queries.

?S:.

?C:HAS_ENDSERVENT:

?C: This symbol, if defined, indicates that the endservent() routine is

?C: available to close whatever was being used for

service queries.

?C:.

?H:#\$d_endsent HAS_ENDSERVENT /**/

?H:.

?LINT:set d_endsent

: see if endservent exists

set endservent d_endsent

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endsent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

```

?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:usemultiplicity: useithreads Myread Oldconfig Setvar
?MAKE: -pick add $@ %<
?Y:TOP
?S:usemultiplicity:
?S: This variable conditionally defines the MULTIPLICITY symbol,
?S: and indicates that Perl should be built to use multiplicity.
?S:.
?C:MULTIPLICITY:
?C: This symbol, if defined, indicates that Perl should
?C: be built to use multiplicity.
?C:.
?H:?%<:#ifndef MULTIPLICITY
?H:?%<:#$usemultiplicity MULTIPLICITY /**/
?H:?%<:#endif
?H:.
?LINT:set usemultiplicity
?INIT:: set usemultiplicity on the Configure command line to enable multiplicity.
: Check if multiplicity is required
?X: We should really have some explanatory text here, and some
?X: automatic setting of sensible defaults.
cat <<EOM

```

Perl

can be built so that multiple Perl interpreters can coexist
within the same Perl executable.

EOM

```

case "$useithreads" in
$define)
cat <<EOM
This multiple interpreter support is required for interpreter-based threads.
EOM
val="$define"
;;
*) case "$usemultiplicity" in
$define|true|[yY]*) dflt='y';;
*) dflt='n';;
esac
echo " "
echo "If this doesn't make any sense to you, just accept the default '$dflt'."
rp='Build Perl for multiplicity?'
. ./myread
case "$ans" in
y|Y) val="$define" ;;

```



```
*) val="$undef" ;;
esac
;;
esac
set usemultiplicity
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usemultiplicity.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_trunc: Inlibc

?MAKE: -pick add \$@ %<

?S:d_trunc:

?S: This variable conditionally defines the HAS_TRUNC symbol, which

?S: indicates to the C program that the trunc() routine is available

?S: to round doubles towards zero.

?S:.

?C:HAS_TRUNC:

?C: This symbol, if defined, indicates that the trunc routine is

?C: available to round doubles towards zero.

?C:.

?H:#\$d_trunc HAS_TRUNC /**/

?H:.

?LINT:set d_trunc

: see if trunc exists

set trunc d_trunc

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_trunc.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_crypt_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_crypt_r crypt_r_proto: Inlibc Protochk Hasproto i_systypes \

usethreads i_crypt extern_C

?MAKE: -pick add \$@ %<

?S:d_crypt_r:

?S: This variable conditionally defines the HAS_CRYPT_R symbol,
 ?S: which indicates to the C program that the crypt_r()
 ?S: routine is available.

?S:.

?S:crypt_r_proto:

?S: This variable encodes the prototype of crypt_r.
 ?S: It is zero if d_crypt_r is undef, and one of the
 ?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_crypt_r
 ?S: is defined.

?S:.

?C:HAS_CRYPT_R:

?C: This symbol, if defined, indicates that the crypt_r routine
 ?C: is available to crypt re-entrantly.

?C:.

?C:CRYPT_R_PROTO:

?C: This
 symbol encodes the prototype of crypt_r.
 ?C: It is zero if d_crypt_r is undef, and one of the
 ?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_crypt_r
 ?C: is defined.

?C:.

?H:#\$d_crypt_r HAS_CRYPT_R /**/
 ?H:#define CRYPT_R_PROTO \$crypt_r_proto /**/
 ?H:.

?T:try hdrs d_crypt_r_proto
 : see if crypt_r exists
 set crypt_r d_crypt_r
 eval \$inlibc
 case "\$d_crypt_r" in
 "\$define")
 hdrs="\$i_systypes sys/types.h define stdio.h \$i_crypt crypt.h"
 case "\$d_crypt_r_proto:\$usethreads" in
 ":define") d_crypt_r_proto=define
 set d_crypt_r_proto crypt_r \$hdrs
 eval \$hasproto ;;
 *) ;;
 esac
 case "\$d_crypt_r_proto" in
 define)
 case "\$crypt_r_proto" in
 "|0) try='char* crypt_r(const char*, const char*, struct crypt_data*);'
 ./protochk "\$extern_C \$try" \$hdrs && crypt_r_proto=B_CCS ;;
 esac
 case "\$crypt_r_proto" in
 "|0) try='char* crypt_r(const char*, const char*, CRYPTD*);'
 ./protochk "\$extern_C \$try" \$hdrs && crypt_r_proto=B_CCD ;;

```

esac
case "$crypt_r_proto" in
|(0) d_crypt_r=undef
crypt_r_proto=0
echo
"Disabling crypt_r, cannot determine prototype." >&4 ;;
*) case "$crypt_r_proto" in
REENTRANT_PROTO*) ;;
*) crypt_r_proto="REENTRANT_PROTO_$crypt_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "crypt_r has no prototype, not using it." >&4 ;;
esac
d_crypt_r=undef
crypt_r_proto=0
;;
esac
;;
*) crypt_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_crypt_r.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setlocale.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_setlocale.U,v $
?RCS: Revision 3.0.1.1 1994/06/20 06:57:51 ram
?RCS: patch30: created
?RCS:
?MAKE:d_setlocale: Inlibc
?MAKE: -pick add $@ %<

```

?S:d_setlocale:

?S: This variable conditionally defines HAS_SETLOCALE if setlocale() is

?S: available to handle locale-specific ctype implementations.

?S:.

?C:HAS_SETLOCALE:

?C: This symbol, if defined, indicates that the setlocale

routine is

?C: available to handle locale-specific ctype implementations.

?C:.

?H:#\$d_setlocale HAS_SETLOCALE /**/

?H:.

?LINT:set d_setlocale

: see if setlocale exists

set setlocale d_setlocale

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setlocale.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysvfs.U,v \$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_sysvfs: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_sysvfs:

?S: This variable conditionally defines the I_SYSVFS symbol,

?S: and indicates whether a C program should include <sys/vfs.h>.

?S:.

?C:I_SYS_VFS:

?C: This symbol, if defined, indicates that <sys/vfs.h> exists and

?C: should be included.

?C:.

?H:#\$i_sysvfs I_SYS_VFS /**/

?H:.

?LINT:set i_sysvfs

: see if this is a sys/vfs.h system

set sys/vfs.h i_sysvfs

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysvfs.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1997, Chip Salzenberg
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: sh.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 16:20:13 ram
?RCS: patch61: created
?RCS:
?MAKE:sh: Head
?MAKE: -pick wipe $@ %<
?S:sh:
?S: This variable contains the full pathname of the shell used
?S: on this system to execute Bourne shell scripts. Usually, this will be
?S: /bin/sh, though it's possible that some systems will have /bin/ksh,
?S: /bin/pdksh, /bin/ash, /bin/bash, or even something such as
?S: D:/bin/sh.exe.
?S: This unit comes before Options.U,
?S: so you can't set sh with a -D
?S: option, though you can override this (and startsh)
?S: with -O -Dsh=/bin/whatever -Dstartsh=whatever
?S:.
?C:SH_PATH:
?C: This symbol contains the full pathname to the shell used on this
?C: on this system to execute Bourne shell scripts. Usually, this will be
?C: /bin/sh, though it's possible that some systems will have /bin/ksh,
?C: /bin/pdksh, /bin/ash, /bin/bash, or even something such as
?C: D:/bin/sh.exe.
?C:.
?H:#define SH_PATH "$sh" /**/
?H:.
?T:xxx try pth p SYSTYPE
?LINT:extern maintloc maintname
?X:
?X: Be quiet unless something unusual happens because this gets
?X: loaded up even before options are processed.
?X: Can't use ./loc because that depends on startsh, which, in turn
?X: depends on this unit.
?X:
: Find the basic shell for Bourne shell scripts
```

```

case "$sh" in
")
?X: SYSTYPE is for some older MIPS systems.
?X: I do not know if it is still needed.
case "$SYSTYPE" in
*bsd*|sys5*) xxx="/$SYSTYPE/bin/sh";;
*) xxx="/bin/sh";;
esac
if
test -f "$xxx"; then
sh="$xxx"
else
: Build up a list and do a single loop so we can 'break' out.
pth=`echo $PATH | sed -e "s/$p_/ /g"`
for xxx in sh bash ksh pdksh ash; do
for p in $pth; do
try="$try ${p}/${xxx}"
done
done
for xxx in $try; do
if test -f "$xxx"; then
sh="$xxx"
break
elif test -f "$xxx$_exe"; then
sh="$xxx"
break
elif test -f "$xxx.exe"; then
sh="$xxx"
break
fi
done
fi
;;
esac

```

?X: fd 4 isn't open yet...

```

case "$sh" in
") cat >&2 <<EOM
$me: Fatal Error: I can't find a Bourne Shell anywhere.

```

Usually it's in /bin/sh. How did you even get this far?
Please contact me (<\$maintname>) at <\$maintloc> and
we'll try to straighten this all out.

```

EOM
exit 1
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sh.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_socketmark: Inlibc

?MAKE: -pick add \$@ %<

?S:d_socketmark:

?S: This variable conditionally defines the HAS_SOCKETMARK symbol, which

?S: indicates to the C program that the socketmark() routine is available.

?S:.

?C:HAS_SOCKETMARK:

?C: This symbol, if defined, indicates that the socketmark routine is

?C: available to test whether a socket is at the out-of-band mark.

?C:.

?H:#\$d_socketmark HAS_SOCKETMARK /**/

?H:.

?LINT:set d_socketmark

: see if socketmark exists

set socketmark d_socketmark

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_socketmark.U

No license file was found, but licenses were detected in source scan.

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_libm_lib_version: Compile cat run rm_try

?MAKE: -pick add \$@ %<

?S:d_libm_lib_version:

?S: This variable conditionally defines the LIBM_LIB_VERSION symbol,

?S: which indicates to the C program that math.h defines _LIB_VERSION

?S: being available in libm

?S:.

?C:LIBM_LIB_VERSION:

?C: This symbol, if defined, indicates that libm exports _LIB_VERSION

```

?C: and that math.h defines the enum to manipulate it.
?C:.
?H:#$d_libm_lib_version LIBM_LIB_VERSION /**/
?H:.
?T:foo
?F:!try
: check to see if math.h defines _LIB_VERSION
d_libm_lib_version="$undef"
echo " "
echo "Checking to see if your libm supports _LIB_VERSION..." >&4
$cat >try.c <<EOCP
#include <unistd.h>
#include <math.h>
int main (int argc, char *argv[])
{
    printf ("%d\n", _LIB_VERSION);
    return (0);
} /* main */
EOCP
set try
if eval $compile; then
    foo=`$run ./try`
    echo "Yes, it does ($foo)" >&4
    d_libm_lib_version="$define"
else
    echo "No, it does not (probably harmless)" >&4
fi
$rm_try

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_libm_lib_version.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: i_time.U,v \$

?RCS: Revision 3.0 1993/08/18 12:08:45 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:


```

?X:
?X: This unit finds which "time" include to use. If 'timezone' is used by the
?X: program, we also try to find which header should be included. Eventually,
?X: we look for <sys/select.h> if I_SYSSSELECT is used, to get struct timeval.
?X:
?MAKE:i_time i_systime i_systimek timeincl: cat cc cflags contains rm_try \
echo n c +i_sysselect Findhdr
?MAKE: -pick add $@ %<
?S:i_time:
?S: This
variable conditionally defines I_TIME, which indicates
?S: to the C program that it should include <time.h>.
?S:.
?S:i_systime:
?S: This variable conditionally defines I_SYS_TIME, which indicates
?S: to the C program that it should include <sys/time.h>.
?S:.
?S:i_systimek:
?S: This variable conditionally defines I_SYS_TIME_KERNEL, which
?S: indicates to the C program that it should include <sys/time.h>
?S: with KERNEL defined.
?S:.
?S:timeincl:
?S: This variable holds the full path of the included time header(s).
?S:.
?C:I_TIME (USE_TIME_H):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <time.h>.
?C:.
?C:I_SYS_TIME (I_SYSTIME USE_SYS_TIME_H NO_TIME_WITH_SYS_TIME):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/time.h>.
?C:.
?C:I_SYS_TIME_KERNEL (I_SYSTIMEKERNEL):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/time.h> with KERNEL defined.
?C:.
?H:#$i_time I_TIME /**/
?H:#$i_systime
I_SYS_TIME /**/
?H:#$i_systimek I_SYS_TIME_KERNEL /**/
?H:.
?W::timezone
?T:xselect flags sysselect s_timeval s_timezone
?LINT:change i_sysselect
: see if we should include time.h, sys/time.h, or both
echo " "
echo "Testing to see if we should include <time.h>, <sys/time.h> or both." >&4

```

```

$echo $n "I'm now running the test program...$c"
$cat >try.c <<'EOCP'
#include <sys/types.h>
#ifdef I_TIME
#include <time.h>
#endif
#ifdef I_SYSTIME
#ifdef SYSTIMEKERNEL
#define KERNEL
#endif
#include <sys/time.h>
#endif
#ifdef I_SYSSELECT
#include <sys/select.h>
#endif
int main()
{
    struct tm foo;
#ifdef S_TIMEVAL
    struct timeval bar;
#endif
#ifdef S_TIMEZONE
    struct timezone tzp;
#endif
    if (foo.tm_sec == foo.tm_sec)
        exit(0);
#ifdef S_TIMEVAL
    if (bar.tv_sec == bar.tv_sec)
        exit(0);
#endif
    exit(1);
}
EOCP
flags="
@if I_SYSSELECT
if $contains 'timeval.*{' `./findhdr sys/select.h` >/dev/null 2>&1; then
    xselect='-DI_SYSSELECT'
else
    xselect="
fi
@end
@if timezone
for s_timezone
in '-DS_TIMEZONE' "; do
@else
s_timezone="
@end
?X: Every package is given a try with 'struct timeval'

```

```

@if I_SYSSELECT
for sysselect in $xselect "; do
@else
sysselect="
@end
for s_timeval in '-DS_TIMEVAL' "; do
for i_systimek in "'-DSYSTIMEKERNEL'; do
for i_time in "'-DI_TIME'; do
for i_systime in '-DI_SYSTIME' "; do
case "$flags" in
") $echo $n ".$.c"
if $cc $ccflags \
$i_time $i_systime $i_systimek $sysselect $s_timeval $s_timezone \
-o try try.c >/dev/null 2>&1 ; then
set X $i_time $i_systime $i_systimek $sysselect $s_timeval
shift
flags="$*"
echo " "
$echo $n "Succeeded with $flags$.c"
fi
;;
esac
done
done
done
done
done
@if I_SYSSELECT
done
@end
@if timezone
done
@end
timeincl="
echo " "
case "$flags" in
*SYSTIMEKERNEL*) i_systimek="$define"
timeincl=`./findhdr sys/time.h`
echo "We'll include <sys/time.h> with KERNEL defined." >&4;;
*) i_systimek="$undef";;
esac
case "$flags" in
*I_TIME*) i_time="$define"
timeincl=`./findhdr time.h`" $timeincl"
echo
"We'll include <time.h>." >&4;;
*) i_time="$undef";;
esac
case "$flags" in

```

```

*I_SYSTIME*) i_systime="$define"
timeincl=`./findhdr sys/time.h` $timeincl"
echo "We'll include <sys/time.h>." >&4;;
*) i_systime="$undef";;
esac
@if I_SYSSSELECT
case "$flags" in
*I_SYSSSELECT*) i_syssselct="$define"
timeincl=`./findhdr sys/select.h` $timeincl"
echo "We'll also include <sys/select.h> to get struct timeval." >&4;;
*) case "$i_syssselct" in
") i_syssselct="$undef";;
esac
esac
@end
$rm_try

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_time.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_keypad.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_keypad.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:50 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_keypad: cat cc termplib Setvar
?MAKE: -pick add $@ %<
?S:d_keypad:
?S: This variable controls the definition of HAS_CURSES_KEYPAD,
?S: which tells the application that the keypad() curses function
?S: is available.
?S:.
?C:HAS_CURSES_KEYPAD:
?C: This symbol indicates the availability of the keypad() function
?C: of the curses library.
?C:.
?H:#$d_keypad

```

```

HAS_CURSES_KEYPAD /**/
?H:.
?LINT:set d_keypad
: check for the "keypad()" function in the curses library
echo " "
case "$termLib" in
")
echo "You don't have a curses library, so I won't waste time looking" >&4
echo "to see if has the keypad() function." >&4
*)
echo "Checking the curses library ($termLib) for the keypad() function..." >&4
$cat >c_keypad.c <<'EOCP'
#include <curses.h>
int main() {
keypad(stdscr, TRUE);
exit(0);
}
EOCP
if $cc c_keypad.c >c_keypad.out 2>&1 ; then
val=$define
echo "It appears to have the keypad() function."
else
val=$undef
echo "Your curses library doesn't appear to have the keypad() function."
fi
esac
set d_keypad
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_keypad.U

```

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?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_socks5_init: Inlibc

?MAKE:-pick add \$@ %<

?S:d_socks5_init:

?S: This variable conditionally defines the HAS_SOCKS5_INIT symbol, which

?S: indicates to the C program that the socks5_init() routine is available.

?S:.

?C:HAS_SOCKS5_INIT:

?C: This symbol, if defined, indicates that the socks5_init routine is

?C: available to initialize SOCKS 5.

?C:.

?H:#\$d_socks5_init HAS_SOCKS5_INIT /**/

?H:.

?LINT:set d_socks5_init

: see if socks5_init exists

set socks5_init d_socks5_init

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_socks5_init.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getservbyport_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

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?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_getservbyport_r getservbyport_r_proto: Inlibc Protochk Hasproto \

i_systypes usethreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_getservbyport_r:

?S: This variable conditionally defines the HAS_GETSERVBYPORTR symbol,

?S: which indicates to the C program that the getservbyport_r()

?S: routine is available.

?S:.

?S:getservbyport_r_proto:

?S: This variable encodes the prototype of getservbyport_r.

?S: It is zero if d_getservbyport_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservbyport_r

?S: is defined.

?S:.

?C:HAS_GETSERVBYPORTR:

?C: This symbol, if defined, indicates

that the getservbyport_r routine

?C: is available to getservbyport re-entrantly.

?C:.

?C:GETSERVBYPORTR_PROTO:

?C: This symbol encodes the prototype of getservbyport_r.

?C: It is zero if d_getservbyport_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservbyport_r

?C: is defined.

?C:.

```

?H:#$d_getservbyport_r HAS_GETSERVBYPORTR /**/
?H:#define GETSERVBYPORTR_PROTO $getservbyport_r_proto /**/
?H:.
?T:try hdrs d_getservbyport_r_proto
: see if getservbyport_r exists
set getservbyport_r d_getservbyport_r
eval $inlibc
case "$d_getservbyport_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getservbyport_r_proto:$susetheads" in
":define") d_getservbyport_r_proto=define
set d_getservbyport_r_proto getservbyport_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getservbyport_r_proto" in
define)
case "$getservbyport_r_proto" in
"|0) try='int getservbyport_r(int, const char*, struct servent*, char*, size_t,
struct servent**);'
./protochk "$sextern_C $try" $hdrs && getservbyport_r_proto=I_ICSBWR ;;
esac
case "$getservbyport_r_proto" in
"|0) try='struct servent* getservbyport_r(int, const char*, struct servent*, char*, int);'
./protochk "$sextern_C $try" $hdrs && getservbyport_r_proto=S_ICSBFI ;;
esac
case "$getservbyport_r_proto" in
"|0) try='int getservbyport_r(int, const char*, struct servent*, struct servent_data*);'
./protochk "$sextern_C $try" $hdrs && getservbyport_r_proto=I_ICSD ;;
esac
case "$getservbyport_r_proto" in
"|0) d_getservbyport_r=undef
getservbyport_r_proto=0
echo "Disabling getservbyport_r, cannot determine prototype." >&4 ;;
*) case "$getservbyport_r_proto" in
REENTRANT_PROTO*) ;;
*) getservbyport_r_proto="REENTRANT_PROTO_$getservbyport_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susetheads" in
define) echo "getservbyport_r has no prototype, not using it." >&4 ;;
esac
d_getservbyport_r=undef
getservbyport_r_proto=0
;;

```

```
esac
;;
*) getservbyport_r_proto=0
;;
esac
```

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getservbyport_r.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getnbyad.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1998 Andy Dougherty
```

```
?RCS:
```

```
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```

```
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```

```
?RCS:
```

```
?MAKE:d_getnbyname: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_getnbyname:
```

```
?S: This variable conditionally defines the HAS_GETNETBYNAME symbol, which
```

```
?S: indicates to the C program that the getnetbyname() routine is available
```

```
?S: to look up networks by their names.
```

```
?S:.
```

```
?C:HAS_GETNETBYNAME:
```

```
?C: This symbol, if defined, indicates that the getnetbyname() routine is
```

```
?C: available to look up networks by their names.
```

```
?C:.
```

```
?H:#$d_getnbyname HAS_GETNETBYNAME /**/
```

```
?H:.
```

```
?LINT:set d_getnbyname
```

```
: see if getnetbyname exists
```

```
set getnetbyname d_getnbyname
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getnbynm.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
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```

```
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```



```

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_safebcpy.U,v $
?RCS: Revision 3.0.1.4 1997/02/28 15:40:58 ram
?RCS: patch61: improved overlapping copy check
?RCS: patch61: comfort them if they have memmove
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.3 1995/07/25 13:58:40 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.2 1995/01/11 15:29:23 ram
?RCS: patch45: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:49:03
ram
?RCS: patch23: ensure string is not optimized in read-only memory (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:58 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_safebcpy: cat d_bcopy +cc +optimize +cflags +ldflags +libs rm \
d_memmove i_memory i_stdlib i_string i_unistd Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_safebcpy:
?S: This variable conditionally defines the HAS_SAFE_BCOPY symbol if
?S: the bcopy() routine can do overlapping copies.
?S:.
?C:HAS_SAFE_BCOPY (SAFE_BCOPY):
?C: This symbol, if defined, indicates that the bcopy routine is available
?C: to copy potentially overlapping memory blocks. Otherwise you should
?C: probably use memmove() or memcpy(). If neither is defined, roll your
?C: own version.
?C:.
?H:#$d_safebcpy HAS_SAFE_BCOPY /**/
?H:.
?F:!safebcpy
?LINT: set d_safebcpy
: can bcopy handle overlapping blocks?
?X: assume the worst
val="$undef"
case "$d_bcopy" in
"$define")
echo " "
echo "Checking to see if your bcopy() can do overlapping

```

```

copies..." >&4
$cat >foo.c <<EOCP
#$i_memory I_MEMORY
#$i_stdlib I_STDLIB
#$i_string I_STRING
#$i_unistd I_UNISTD
EOCP
$cat >>foo.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
# include <memory.h>
#endif
#ifdef I_STDLIB
# include <stdlib.h>
#endif
#ifdef I_STRING
# include <string.h>
#else
# include <strings.h>
#endif
#ifdef I_UNISTD
# include <unistd.h> /* Needed for NetBSD */
#endif
int main()
{
char buf[128], abc[128];
char *b;
int len;
int off;
int align;

?X: Copy "abcde..." string to char abc[] so that gcc doesn't
?X: try to store the string in read-only memory.
bcopy("abcdefghijklmnopqrstuvwxy0123456789", abc, 36);

for (align = 7; align >= 0; align--) {
for (len = 36; len; len--) {
b = buf+align;
bcopy(abc, b, len);
for (off = 1; off <= len; off++) {
bcopy(b, b+off, len);
bcopy(b+off, b, len);
if (bcmp(b, abc, len))
exit(1);
}
}
}
exit(0);

```

```

}
EOCP
if $cc $optimize $ccflags $ldflags \
    -o safebcpy foo.c $libs >/dev/null 2>&1; then
if ./safebcpy
2>/dev/null; then
    echo "Yes, it can."
    val="$define"
else
    echo "It can't, sorry."
    case "$d_memmove" in
"$define") echo "But that's Ok since you have memmove()." ;;
    esac
fi
else
    echo "(I can't compile the test program, so we'll assume not...)"
    case "$d_memmove" in
"$define") echo "But that's Ok since you have memmove()." ;;
    esac
fi
;;
esac
$rm -f foo.* safebcpy core
set d_safebcpy
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_safebcpy.U

```

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?RCS: \$Id: Begin.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Begin.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 14:56:35 ram

?RCS: patch61: added Extractall dependency

?RCS:

?RCS: Revision 3.0.1.2 1995/01/30 14:25:08 ram

?RCS: patch49: avoid an empty rmlist: systems might choke on it (WED)

?RCS:

?RCS: Revision 3.0.1.1 1994/10/31 09:32:20 ram
?RCS: patch44: created
?RCS:
?X:
?X: This file comes after option processing had been done and after all
?X: the default values have been set up. It marks the beginning
of questions.
?X: It is important that Options be listed *after* Myinit to ensure that the
?X: default initializations performed by Init and Myinit will not clobber
?X: any setting done on the command line via -D or -U.
?X:
?MAKE:Begin: Myinit Options package Extractall
?MAKE: -pick add \$@ %<
: Eunice requires " " instead of "", can you believe it
echo " "
: Here we go...
echo "Beginning of configuration questions for \$package."

?X: Make sure the rm below is given a non-empty list for some systems.
?X: This is run only when within the UU directory, hence we can safely
?X: attempt to rm a non-existent 'X' file...
trap 'echo " "; test -d ../UU && rm -rf X \$rmlist; exit 1' 1 2 3 15

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Begin.U

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?RCS: \$Id\$
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: man3dir.U,v \$
?RCS: Revision 3.0.1.1 1997/02/28 16:10:34 ram
?RCS: patch61: created
?RCS:
?X:
?X: This was originally specific to perl5. Since perl5 has man pages that
?X: go in both man1/ and man3/ directories, we need both man1dir
?X: and man3dir. This unit is basically dist's mansrc.U with
?X: man3 used instead of man everywhere.

```

?X: I then added various tests because perl5 has *lots* of man3
?X: pages with long file names. -- ADO
?X:
?MAKE:man3dir
man3direxp man3ext installman3dir: afs cat nroff Loc Oldconfig \
sed man1dir spackage package Getfile prefix Prefixit Prefixup \
d_flexfnam privlib Myread
?MAKE: -pick add $@ %<
?Y:TOP
?S:man3dir:
?S: This variable contains the name of the directory in which manual
?S: source pages are to be put. It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command.
?S: You must be prepared to do the ~name expansion yourself.
?S:.
?S:man3direxp:
?S: This variable is the same as the man3dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?S:installman3dir:
?S: This variable is really the same as man3direxp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: man3direxp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?S:man3ext:
?S: This variable contains the extension that the manual
?S: page should
?S: have: one of 'n', 'l', or '3'. The Makefile must supply the '!'.
?S: See man3dir.
?S:.
: determine where library module manual pages go
set man3dir man3dir none
eval $prefixit
$cat <<EOM

$spackage has manual pages for many of the library modules.
EOM

case "$nroff" in
nroff)
$cat <<'EOM'
However, you don't have nroff, so they're probably useless to you.
EOM
case "$man3dir" in
") man3dir="none";;
esac;;
esac

```

```

case "$d_flexfnam" in
undef)
$cat <<'EOM'

```

However, your system can't handle the long file names like File::Basename.3.

```
EOM
```

```

case "$man3dir" in
") man3dir="none";;
esac;;
esac

```

```
echo "If you don't want the manual sources installed, answer 'none'."
```

```
?X: We dont use /usr/local/man/man3 because some man programs will
?X: only show the /usr/local/man/man3 contents, and not the system ones,
?X: thus man less will show the perl module less.pm, but not the system
?X: less command. We might also conflict with TCL man pages.
?X: However, something like /opt/perl/man/man3
is fine.
```

```

case "$man3dir" in
") case "$prefix" in
*$package*) dflt=`echo $man1dir |
  $sed -e 's/man1/man3/g' -e 's/man\.1/man\.3/g'` ;;
*) dflt="$privlib/man/man3" ;;
esac
;;
') dflt=none;;
*) dflt="$man3dir" ;;
esac
echo " "

```

```

fn=dn+~
rp="Where do the $package library man pages (source) go?"
./getfile
if test "X$man3direxp" != "X$ansexp"; then
installman3dir="
fi

```

```

man3dir="$ans"
man3direxp="$ansexp"
case "$man3dir" in
") man3dir=' '
installman3dir="";;
esac
if $afs; then
$cat <<'EOM'

```

Since you are running AFS, I need to distinguish the directory in which manual pages reside from the directory in which they are installed (and from

which they are presumably copied to the former directory by occult means).

EOM

```
case "$installman3dir" in
") dflt=`echo $man3direxp | sed 's#^/afs/#/afs/#`;;
*) dflt="$installman3dir";;
esac
fn=de~
rp='Where will man pages be installed?'
./getfile
installman3dir="$ans"
else
installman3dir="$man3direxp"
fi
```

: What suffix
to use on installed man pages

```
case "$man3dir" in
' ')
man3ext='0'
;;
*)
rp="What suffix should be used for the $package library man pages?"
case "$man3ext" in
") case "$man3dir" in
*3) dflt=3 ;;
*3p) dflt=3p ;;
*3pm) dflt=3pm ;;
*1) dflt=1;;
*n) dflt=n;;
*o) dflt=o;;
*p) dflt=p;;
*C) dflt=C;;
*L) dflt=L;;
*L3) dflt=L3;;
*) dflt=3;;
esac
;;
*) dflt="$man3ext";;
esac
./myread
man3ext="$ans"
;;
esac
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/man3dir.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gmtime_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_gmtime_r gmtime_r_proto: Inlibc Protochk Hasproto i_systypes \
  usethreads i_time i_systime extern_C
?MAKE: -pick add $@ %<
?S:d_gmtime_r:
?S: This variable conditionally defines the HAS_GMTIME_R symbol,
?S: which indicates to the C program that the gmtime_r()
?S: routine is available.
?S:.
?S:gmtime_r_proto:
?S: This variable encodes the prototype of gmtime_r.
?S: It is zero if d_gmtime_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gmtime_r
?S: is defined.
?S:.
?C:HAS_GMTIME_R:
?C: This symbol, if defined, indicates that the gmtime_r routine
?C: is available to gmtime re-entrantly.
?C:.
?C:GMTIME_R_PROTO:
?C: This
  symbol encodes the prototype of gmtime_r.
?C: It is zero if d_gmtime_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gmtime_r
?C: is defined.
?C:.
?H:#$d_gmtime_r HAS_GMTIME_R /**/
?H:#define GMTIME_R_PROTO $gmtime_r_proto /**/
?H:.
?T:try hdrs d_gmtime_r_proto
: see if gmtime_r exists
set gmtime_r d_gmtime_r
eval $inlibc
case "$d_gmtime_r" in
"$define")
  hdrs="$i_systypes sys/types.h define stdio.h $i_time time.h $i_systime sys/time.h"
  case "$d_gmtime_r_proto:$usethreads" in
  ":define") d_gmtime_r_proto=define
```



```

set d_gmtime_r_proto gmtime_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_gmtime_r_proto" in
define)
case "$gmtime_r_proto" in
"|0) try='struct tm* gmtime_r(const time_t*, struct tm*);'
./prochck "$extern_C $try" $hdrs && gmtime_r_proto=S_TS ;;
esac
case "$gmtime_r_proto" in
"|0) try='int gmtime_r(const time_t*, struct tm*);'
./prochck "$extern_C $try" $hdrs && gmtime_r_proto=I_TS ;;
esac
case
"$gmtime_r_proto" in
"|0) d_gmtime_r=undef
gmtime_r_proto=0
echo "Disabling gmtime_r, cannot determine prototype." >&4 ;;
* ) case "$gmtime_r_proto" in
REENTRANT_PROTO*) ;;
*) gmtime_r_proto="REENTRANT_PROTO_$gmtime_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "gmtime_r has no prototype, not using it." >&4 ;;
esac
d_gmtime_r=undef
gmtime_r_proto=0
;;
esac
;;
*) gmtime_r_proto=0
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_gmtime_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getnetbyaddr_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

```

?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getnetbyaddr_r getnetbyaddr_r_proto: Inlibc Protochk Hasproto \
i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getnetbyaddr_r:
?S: This variable conditionally defines the HAS_GETNETBYADDR_R symbol,
?S: which indicates to the C program that the getnetbyaddr_r()
?S: routine is available.
?S:.
?S:getnetbyaddr_r_proto:
?S: This variable encodes the prototype of getnetbyaddr_r.
?S: It is zero if d_getnetbyaddr_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetbyaddr_r
?S: is defined.
?S:.
?C:HAS_GETNETBYADDR_R:
?C: This symbol, if defined, indicates that
the getnetbyaddr_r routine
?C: is available to getnetbyaddr re-entrantly.
?C:.
?C:GETNETBYADDR_R_PROTO:
?C: This symbol encodes the prototype of getnetbyaddr_r.
?C: It is zero if d_getnetbyaddr_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetbyaddr_r
?C: is defined.
?C:.
?H:#$d_getnetbyaddr_r HAS_GETNETBYADDR_R /**/
?H:#define GETNETBYADDR_R_PROTO $getnetbyaddr_r_proto /**/
?H:.
?T:try hdrs d_getnetbyaddr_r_proto
: see if getnetbyaddr_r exists
set getnetbyaddr_r d_getnetbyaddr_r
eval $inlibc
case "$d_getnetbyaddr_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_getnetbyaddr_r_proto:$usethreads" in
":define") d_getnetbyaddr_r_proto=define
set d_getnetbyaddr_r_proto getnetbyaddr_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getnetbyaddr_r_proto" in
define)
case "$getnetbyaddr_r_proto" in
"|0) try='int getnetbyaddr_r(unsigned long, int, struct netent*, char*, size_t, struct netent**, int*);'

```

```

./protochk
"$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_UISBWRE ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='int getnetbyaddr_r(long, int, struct netent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_LISBI ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='struct netent* getnetbyaddr_r(in_addr_t, int, struct netent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=S_TISBI ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='struct netent* getnetbyaddr_r(long, int, struct netent*, char*, int);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=S_LISBI ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='int getnetbyaddr_r(in_addr_t, int, struct netent*, struct netent_data*);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_TISD ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='int getnetbyaddr_r(long, int, struct netent*, struct netent_data*);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_LISD
;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='int getnetbyaddr_r(int, int, struct netent*, struct netent_data*);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_IISD ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) try='int getnetbyaddr_r(uint32_t, int, struct netent*, char*, size_t, struct netent**, int*);'
./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_uISBWRE ;;
esac
case "$getnetbyaddr_r_proto" in
"|0) d_getnetbyaddr_r=undef
getnetbyaddr_r_proto=0
echo "Disabling getnetbyaddr_r, cannot determine prototype." >&4 ;;
* ) case "$getnetbyaddr_r_proto" in
REENTRANT_PROTO*) ;;
*) getnetbyaddr_r_proto="REENTRANT_PROTO_$getnetbyaddr_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$susethreads" in
define) echo "getnetbyaddr_r has no prototype, not using it." >&4 ;;
esac
d_getnetbyaddr_r=undef
getnetbyaddr_r_proto=0

```

```
;;
esac
;;
*) getnetbyaddr_r_proto=0
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getnetbyaddr_r.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_link.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_link.U,v $
```

```
?RCS: Revision 3.0.1.1 1993/08/25 14:01:13 ram
```

```
?RCS: patch6: created for completeness
```

```
?RCS:
```

```
?MAKE:d_link: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_link:
```

```
?S: This variable conditionally defines HAS_LINK if link() is
```

```
?S: available to create hard links.
```

```
?S:.
```

```
?C:HAS_LINK:
```

```
?C: This symbol, if defined, indicates that the link routine is
```

```
?C: available to create hard links.
```

```
?C:.
```

```
?H:#$d_link HAS_LINK /**/
```

```
?H:.
```

```
?LINT:set d_link
```

```
: see if link exists
```

```
set
```

```
link d_link
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_link.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_grp.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:20 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_grp: Inhdr
?MAKE: -pick add $@ %<
?S:i_grp:
?S: This variable conditionally defines the I_GRP symbol, and indicates
?S: whether a C program should include <grp.h>.
?S:.
?C:I_GRP:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <grp.h>.
?C:.
?H:#$i_grp I_GRP /**/
?H:.
?LINT:set i_grp
: see if this is an grp system
set grp.h i_grp
eval $inhdr
```

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_grp.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
```

```

?RCS:
?RCS: $Log: d_NOFILE.U,v $
?RCS: Revision 3.0.1.1 1994/10/29 16:08:38 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:39 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:nofile d_gettblsz tablesize: Myread Guess cat +cc +ccflags +libs \
test rm Csym
?MAKE: -pick add $@ %<
?S:nofile:
?S: This variable contains the number of file descriptors available to the
?S: process.
?S:.
?S:d_gettblsz:
?S: This variable conditionally handles remapping
of the getdtablesize()
?S: subroutine to ulimit(4,0), or the NOFILE manifest constant.
?S:.
?S:tablesize:
?S: This variable contains either the 'NOFILE' constant or 'ulimit(4, 0L)'
?S: and is used as the remapped value for the getdtablesize() macro.
?S:.
?C:getdtablesize:
?C: This catches use of the getdtablesize() subroutine, and remaps it
?C: to either ulimit(4,0) or NOFILE, if getdtablesize() isn't available.
?C:.
?C:VAL_NOFILE:
?C: This symbol contains the number of file descriptors available to the
?C: process, as determined at configuration time. Unless a static constant
?C: is needed, you should rely on getdtablesize() to obtain that number.
?C:.
?H:#$d_gettblsz getdtablesize() $tablesize /**/
?H:#define VAL_NOFILE $nofile /* Number of file descriptors */
?H:.
?F:!nofile
?T:d_ulimit4 val
: see if getdtablesize exists
echo " "
?X: Revert logical value (d_gettblsz is undef iff getdtablesize is present)
case "$d_gettblsz" in
$define) d_gettblsz="$undef";;
$undef) d_gettblsz="$define";;
esac
if
set getdtablesize val -f d_gettblsz; eval $csym; $val; then
echo 'getdtablesize() found.' >&4

```

```

d_gettblsz="$undef"
tablesize=""
@if VAL_NOFILE || nofile
$cat >nofile.c <<'EOCP'
#include <stdio.h>
int main()
{
printf("%d\n", getdtablesize());
}
EOCP
nofile=""
if $cc $ccflags -o nofile nofile.c $libs >/dev/null 2>&1; then
nofile=`./nofile 2>/dev/null`
fi
if $test "$nofile"; then
echo "(You have $nofile file descriptors available per process.)"
else
nofile='20'
if ./bsd; then
nofile='64'
fi
echo "(Hmm... Let's say you have $nofile file descriptors available.)"
fi
@end
else
echo 'getdtablesize() NOT found...' >&4
if set ulimit val -f; eval $csym; $val; then
echo 'Maybe ulimit(4,0) will work...'
$cat >nofile.c <<'EOCP'
#include <stdio.h>
#ifdef GETPARAM_H
#include <sys/param.h>
#endif
int main()
{
printf("%d %d\n",
#ifdef NOFILE
NOFILE,
#else
0,
#endif
ulimit(4,0));
exit(0);
}
EOCP
if $cc $ccflags -DGETPARAM_H -o nofile nofile.c $libs
>/dev/null 2>&1 \
|| $cc $ccflags -o nofile nofile.c $libs >/dev/null 2>&1 ; then

```

```

set `./nofile`
d_gettblsz=$1
d_ulimit4=$2
if $test "$d_ulimit4" -lt 0; then
echo "Your ulimit() call doesn't tell me what I want to know."
echo "We'll just use NOFILE in this case."
nofile=$d_gettblsz
d_gettblsz="$define"
tablesize='NOFILE'
else
if $test "$d_gettblsz" -gt 0; then
echo "Your system defines NOFILE to be $d_gettblsz, and" >&4
else
echo "I had trouble getting NOFILE from your system, but" >&4
fi
echo "ulimit returns $d_ulimit4 as the number of available file descriptors." >&4
dflt='y';
echo " "
rp='Should I use ulimit to get the number of available file descriptors?'
. ./myread
case "$ans" in
y*)
nofile=$d_ulimit4
d_gettblsz="$define"
tablesize='ulimit(4, 0L)'
echo "Using ulimit(4,0)."
;;
*)
nofile=$d_gettblsz
d_gettblsz="$define"
tablesize='NOFILE'
echo "Using NOFILE."
;;
esac
fi
else
echo
"Strange, I couldn't get my test program to compile."
echo "We'll just use NOFILE in this case."
d_gettblsz="$define"
tablesize='NOFILE'
nofile=""
fi
else
echo 'Using NOFILE instead.'
d_gettblsz="$define"
tablesize='NOFILE'
nofile=""

```



```

fi
fi
@if VAL_NOFILE || nofile
case "$nofile" in
")
$cat >nofile.c <<'EOCP'
#include <stdio.h>
#ifdef GETPARAM_H
#include <sys/param.h>
#endif
int main()
{
printf("%d\n",
#ifdef NOFILE
NOFILE,
#else
0,
#endif
);
exit(0);
}
EOCP
if $cc $ccflags -DGETPARAM_H -o nofile nofile.c $libs >/dev/null 2>&1 \
|| $cc $ccflags -o nofile nofile.c $libs >/dev/null 2>&1 ; then
nofile=`./nofile 2>/dev/null`
fi
if $test "$nofile"; then
echo "(You have $nofile file descriptors available per process.)"
else
nofile='20'
if ./bsd; then
nofile='64'
fi
echo "(Hmm... Let's say you have $nofile file descriptors available.)"
fi
;;
esac
@end
$rm -f nofile*

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_NOFILE.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: perl5.U,v \$

?RCS:

?RCS: Copyright (c) 2000 Andrew Dougherty

```

?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: perl5.U,v $
?RCS:
?X:
?X: The purpose of this unit is to locate a previously installed
?X: version of perl5 suitable for running inc_version_list.U.
?X: We check for 5.005 and later because inc_version_list is
?X: irrelevant for earlier versions.
?X:
?MAKE:perl5: path_sep binexp test sed exe_ext
?MAKE: -pick add $@ %<
?Y:TOP
?S:perl5:
?S: This variable contains the full path (if any) to a previously
?S: installed perl5.005 or later suitable for running the script
?S: to determine inc_version_list.
?S:.
?T: tdir
: Find perl5.005 or later.
echo "Looking for a previously installed perl5.005 or later... "
case "$perl5" in
") for tdir in `echo "$binexp$path_sep$PATH" | $sed "s/$path_sep/
/g"; do
: Check if this perl is recent and can load a simple module
if $test -x $tdir/perl$exe_ext && $tdir/perl -Mless -e 'use 5.005;' >/dev/null 2>&1; then
perl5=$tdir/perl
break;
elif $test -x $tdir/perl5$exe_ext && $tdir/perl5 -Mless -e 'use 5.005;' >/dev/null 2>&1; then
perl5=$tdir/perl5
break;
fi
done
;;
*) perl5="$perl5"
;;
esac
case "$perl5" in
") echo "None found. That's ok.";;
*) echo "Using $perl5." ;;
esac

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/installdirs/perl5.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: libperl.U,v \$

?RCS:

?RCS: Copyright (c) 1996-1998, Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:libperl useshrplib shrpenv ldlibpthname: \

Myread Oldconfig archlibexp awk cat libc \

_a osname osvers so patchlevel subversion usedl ld \

ccdlflags installarchlib userelocatableinc

?MAKE: -pick wipe \$@ %<

?S:libperl:

?S: The perl executable is obtained by linking perlmain.c with

?S: libperl, any static extensions (usually just DynaLoader),

?S: and any other libraries needed on this system. libperl

?S: is usually libperl.a, but can also be libperl.so.xxx if

?S: the user wishes to build a perl executable with a shared

?S: library.

?S:.

?S:useshrplib:

?S: This variable is set to 'true' if the user wishes

?S: to build a shared libperl, and 'false' otherwise.

?S:.

?S:shrpenv:

?S: If

the user builds a shared libperl.so, then we need to tell the

?S: 'perl' executable where it will be able to find the installed libperl.so.

?S: One way to do this on some systems is to set the environment variable

?S: LD_RUN_PATH to the directory that will be the final location of the

?S: shared libperl.so. The makefile can use this with something like

?S: \$shrpenv \$(CC) -o perl perlmain.o \$libperl \$libs

?S: Typical values are

?S: shrpenv="env LD_RUN_PATH=\$archlibexp/CORE"

?S: or

?S: shrpenv="

?S: See the main perl Makefile.SH for actual working usage.

?S:

?S: Alternatively, we might be able to use a command line option such

?S: as -R \$archlibexp/CORE (Solaris) or -Wl,-rpath

?S: \$archlibexp/CORE (Linux).

?S:.

?S:ldlibpthname:

?S: This variable holds the name of the shared library

?S: search path, often LD_LIBRARY_PATH. To get an empty

?S: string, the hints file must set this to 'none'.

```

?S:.
?T:shrpdir majonly majmin also xxx tmp_shrpenv
?X: metalint gets confused and thinks we're
    actually setting LDOPTS
?X: and LD_RUN_PATH.
?LINT:extern LDOPTS
?LINT:change LDOPTS
?LINT:extern LD_RUN_PATH
?LINT:change LD_RUN_PATH
?LINT:change ccdflags
?LINT:extern maintloc maintname
?Y:top
: Do we want a shared libperl?
also="
case "$usedl" in
$undef)
    # No dynamic loading being used, so don't bother even to prompt.
    useshrplib='false'
    ;;
*) case "$useshrplib" in
    ") case "$osname" in
        svr4*|nonstopux|dgux|dynixptx|esix|powerux|haiku|cygwin*)
            dflt=y
            also='Building a shared libperl is required for dynamic loading to work on your system.'
            ;;
        *) dflt=n
            ;;
    esac
    ;;
$define|true|[Yy]*)
    dflt=y
    ;;
*) dflt=n
    ;;
esac
$cat << EOM

```

The perl executable is normally obtained by linking perlmain.c with libperl\${_a}, any static extensions (usually just DynaLoader), and any other libraries needed on this system (such as -lm, etc.). Since your system supports dynamic loading, it is probably possible to build a shared libperl.\$so. If you will have more than one executable linked to libperl.\$so, this will significantly reduce the size of each executable, but it may have a noticeable effect on performance. The default is probably sensible for your system.

\$also

EOM

```
rp="Build a shared libperl.$so (y/n)"
. ./myread
case "$ans" in
true|$define[|Yy]*)
    useshrplib='true' ;;
*) useshrplib='false' ;;
esac
;;
esac

case "$useshrplib" in
true)
case "$userelocatableinc" in
true|define)
    echo "Cannot build with both -Duserelocatableinc and -Duseshrplib" >&4
    echo "See INSTALL for an explanation why that won't work." >&4
    exit 4
;;
esac
case "$libperl" in
")
    # Figure out a good name for libperl.so. Since it gets stored in
    # a version-specific architecture-dependent library, the version
    # number isn't really that important, except for making cc/ld happy.
    #
    # A name such as libperl.so.10.1
    majmin="libperl.$so.$patchlevel.$subversion"
    # A name such as libperl.so.100
    majonly=`echo $patchlevel $subversion |
    $awk '{printf
"%d%02d", $1, $2}`
    majonly=libperl.$so.$majonly
    # I'd prefer to keep the os-specific stuff here to a minimum, and
    # rely on figuring it out from the naming of libc.
    case "${osname}${osvers}" in
*linux*|gnu*) # ld won't link with a bare -lperl otherwise.
        dflt=libperl.$so
        ;;
cygwin*) # ld links now against the dll directly
        majmin="cygperl5_${patchlevel}_${subversion}.${so}"
        majonly=`echo $patchlevel $subversion |
        $awk '{printf "%03d%03d", $1, $2}`
        majonly=cygperl5.$majonly.$so
        dflt=$majmin
        ;;
*) # Try to guess based on whether libc has major.minor.
        case "$libc" in
```

```

*libc.$so.[0-9]*.[0-9]*) dflt=$majmin ;;
*libc.$so.[0-9]*) dflt=$majonly ;;
*) dflt=libperl.$so ;;
esac
;;
esac
;;
*) dflt=$libperl
;;
esac
cat << EOM

```

I need to select a good name for the shared libperl. If your system uses library names with major and minor numbers, then you might want something like \$majmin. Alternatively, if your system uses a single version number for shared libraries, then you might want to use \$majonly. Or, your system might be quite happy with a simple libperl.\$so.

Since the shared libperl will get installed into a version-specific architecture-dependent directory, the version number of the shared perl library probably isn't important, so the default should be o.k.

```

EOM
rp='What name do you want to give to the shared libperl?'
./myread
libperl=$ans
echo "Ok, I'll use $libperl"
;;
*)
libperl="libperl${_a}"
;;
esac

```

```

# Detect old use of shrpdir via undocumented Configure -Dshrpdir
case "$shrpdir" in
") ;;
*) $cat >&4 <<EOM
WARNING: Use of the shrpdir variable for the installation location of
the shared $libperl is not supported. It was never documented and
will not work in this version. Let me (<$maintloc>)
know of any problems this may cause.

```

```

EOM
case "$shrpdir" in
"$archlibexp/CORE")
$cat >&4 <<EOM
But your current setting of $shrpdir is

```

the default anyway, so it's harmless.

EOM

```
;;
*)
$cat
>&4 <<EOM
```

Further, your current attempted setting of \$shrpdir conflicts with the value of \$archlibexp/CORE that installperl will use.

EOM

```
;;
esac
;;
esac
```

```
# How will the perl executable find the installed shared $libperl?
# Add $xxx to ccdlflags.
# If we can't figure out a command-line option, use $shrpenv to
# set env LD_RUN_PATH. The main perl makefile uses this.
shrpdir=$archlibexp/CORE
xxx=""
tmp_shrpenv=""
if "$useshrplib"; then
  case "$osname" in
    aix)
      # We'll set it in Makefile.SH...
      ;;
    solaris)
      xxx="-R $shrpdir"
      ;;
    freebsd|minix|mirbsd|netbsd|openbsd|interix|dragonfly|bitrig)
      xxx="-Wl,-R$shrpdir"
      ;;
    bsdos|linux|irix*|dec_osf|gnu*|haiku)
      xxx="-Wl,-rpath,$shrpdir"
      ;;
    hpux*)
      # hpux doesn't like the default, either.
      tmp_shrpenv="env LDOPTS=\"+s +b${shrpdir}\""
      ;;
    cygwin)
      # cygwin needs only ldlibpth
      ;;
  *)
      tmp_shrpenv="env LD_RUN_PATH=$shrpdir"
      ;;
  esac
case "$xxx" in
```

```

") ;;
*)
# Only add $xxx if it isn't already in ccdlflags.
case
" $ccdlflags " in
*" $xxx "*) ;;
*) ccdlflags="$ccdlflags $xxx"
cat <<EOM >&4

```

Adding \$xxx to the flags
passed to \$ld so that the perl executable will find the
installed shared \$libperl.

```

EOM
;;
esac
;;
esac
fi
# Fix ccdlflags in AIX for building external extensions.
# (For building Perl itself bare -bE:perl.exp is needed,
# Makefile.SH takes care of this.)
case "$osname" in
aix) ccdlflags="$ccdlflags -bE:$installarchlib/CORE/perl.exp" ;;
esac
# Respect a hint or command-line value.
case "$shrpenv" in
") shrpenv="$tmp_shrpenv" ;;
esac
case "$ldlibpthname" in
") ldlibpthname=LD_LIBRARY_PATH ;;
none) ldlibpthname="" ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/libperl.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_symlink.U 1 2006-08-24 12:32:52Z rmanfredi $

```

```

?RCS:

```

```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

```

```

?RCS:

```

```

?RCS: You may redistribute only under the terms of the Artistic Licence,

```

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?RCS: as specified in the README file that comes with the distribution.

```

```

?RCS: You may reuse parts of this distribution only within the terms of

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```

```

?RCS: of the source tree for dist 4.0.

```


?RCS:
?RCS: \$Log: d_symlink.U,v \$
?RCS: Revision 3.0 1993/08/18 12:07:41 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_symlink: Inlibc
?MAKE: -pick add \$@ %<
?S:d_symlink:
?S: This variable conditionally defines the HAS_SYMLINK symbol, which
?S: indicates to the C program that the symlink() routine is available
?S: to create symbolic links.
?S:.
?C:HAS_SYMLINK (SYMLINK):
?C: This symbol, if defined, indicates that the symlink routine is available
?C: to
create symbolic links.
?C:.
?H:#\$d_symlink HAS_SYMLINK /**/
?H:.
?LINT:set d_symlink
: see if symlink exists
set symlink d_symlink
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_symlink.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_PRI64 d_PRIi64 d_PRIu64 d_PRIo64 d_PRIx64 d_PRIXU64 \
sPRI64 sPRIi64 sPRIu64 sPRIo64 sPRIx64 sPRIXU64: \
quadtype i_inttypes test cat rm_try Setvar Compile run
?MAKE: -pick add \$@ %<
?S:d_PRI64:
?S: This variable conditionally defines the PERL_PRI64 symbol, which
?S: indicates that stdio has a symbol to print 64-bit decimal numbers.
?S:.
?S:d_PRIi64:
?S: This variable conditionally defines the PERL_PRIi64 symbol, which
?S: indicates that stdio has a symbol to print 64-bit decimal numbers.
?S:.

?S:d_PRIu64:

?S: This variable conditionally defines the PERL_PRIu64 symbol, which

?S: indicates that stdio has a symbol to print 64-bit unsigned decimal

?S: numbers.

?S:.

?S:d_PRIo64:

?S: This variable

conditionally defines the PERL_PRIo64 symbol, which

?S: indicates that stdio has a symbol to print 64-bit octal numbers.

?S:.

?S:d_PRIx64:

?S: This variable conditionally defines the PERL_PRIx64 symbol, which

?S: indicates that stdio has a symbol to print 64-bit hexadecimal numbers.

?S:.

?S:d_PRiXU64:

?S: This variable conditionally defines the PERL_PRiXU64 symbol, which

?S: indicates that stdio has a symbol to print 64-bit hExADEcImAl numbers.

?S: The 'U' in the name is to separate this from d_PRIx64 so that even

?S: case-blind systems can see the difference.

?S:.

?S:sPRIu64:

?S: This variable, if defined, contains the string used by stdio to

?S: format 64-bit decimal numbers (format 'd') for output.

?S:.

?S:sPRIi64:

?S: This variable, if defined, contains the string used by stdio to

?S: format 64-bit decimal numbers (format 'i') for output.

?S:.

?S:sPRIu64:

?S: This variable, if defined, contains the string used by stdio to

?S: format 64-bit unsigned decimal numbers (format 'u')

for output.

?S:.

?S:sPRIo64:

?S: This variable, if defined, contains the string used by stdio to

?S: format 64-bit octal numbers (format 'o') for output.

?S:.

?S:sPRIx64:

?S: This variable, if defined, contains the string used by stdio to

?S: format 64-bit hexadecimal numbers (format 'x') for output.

?S:.

?S:sPRiXU64:

?S: This variable, if defined, contains the string used by stdio to

?S: format 64-bit hExADEcImAl numbers (format 'X') for output.

?S: The 'U' in the name is to separate this from sPRIx64 so that even

?S: case-blind systems can see the difference.

?S:.

?C:PERL_PRIu64:

```

?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit decimal numbers (format 'd') for output.
?C:.
?C:PERL_PRIi64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit decimal numbers (format 'i') for output.
?C:.
?C:PERL_PRIu64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit unsigned decimal numbers (format 'u')
for output.
?C:.
?C:PERL_PRIo64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit octal numbers (format 'o') for output.
?C:.
?C:PERL_PRIx64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit hexadecimal numbers (format 'x') for output.
?C:.
?C:PERL_PRIxU64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit hExADECimAl numbers (format 'X') for output.
?C:.
?H:#$d_PRId64 PERL_PRId64 $sPRId64 /**/
?H:#$d_PRIi64 PERL_PRIi64 $sPRIi64 /**/
?H:#$d_PRIu64 PERL_PRIu64 $sPRIu64 /**/
?H:#$d_PRIo64 PERL_PRIo64 $sPRIo64 /**/
?H:#$d_PRIx64 PERL_PRIx64 $sPRIx64 /**/
?H:#$d_PRIx64 PERL_PRIxU64 $sPRIxU64 /**/
?H:.
?T:yyy
?F:!try
: Check 64bit sizes
echo " "

if $test X"$quadtype" != X; then

echo "Checking how to print 64-bit integers..." >&4

if $test X"$sPRId64" = X -a X"$quadtype" = Xint; then
$cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
int q = 12345678901;

```

```

printf("%ld\n", q);
}
EOCP
set try
if eval $compile; then
yyy=`$run ./try`
case "$yyy" in
12345678901)
sPRId64="d"; sPRIi64="i"; sPRIu64="u";
sPRIo64="o"; sPRIx64="x"; sPRIXU64="X";
echo "We will use %d."
;;
esac
fi
fi

```

```

if $test X"$sPRId64" = X -a X"$quadtype" = Xlong; then
$cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
long q = 12345678901;
printf("%ld\n", q);
}

```

```

EOCP
set try
if eval $compile; then
yyy=`$run ./try`
case "$yyy" in
12345678901)
sPRId64="ld"; sPRIi64="li"; sPRIu64="lu";
sPRIo64="lo"; sPRIx64="lx"; sPRIXU64="lX";
echo "We will use %ld."
;;
esac
fi
fi

```

```

if $test X"$sPRId64" = X -a X"$i_inttypes" = X"$define" -a X"$quadtype" = Xint64_t; then
$cat >try.c <<'EOCP'
#include <sys/types.h>
#include <inttypes.h>
#include <stdio.h>
int main() {
int64_t q = 12345678901;
printf("%" PRI64 "\n", q);
}
EOCP

```

```

set try
if eval $compile; then
yyy=`$run ./try`
case "$yyy" in
12345678901)
sPRId64=PRId64;
sPRi64=PRi64; sPRi64=PRi64;
sPRIo64=PRIo64; sPRIx64=PRIx64; sPRIXU64=PRIXU64;
echo "We will use the C9X style."
;;
esac
fi
fi

```

```

if $test X"$sPRId64" = X -a X"$quadtype" != X; then

```

```

$cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main() {
$quadtype q = 12345678901;
printf("%Ld\n", q);
}

```

```
EOCP
```

```

set try
if eval $compile; then
yyy=`$run ./try`
case "$yyy" in
12345678901)
sPRId64=""Ld"; sPRi64=""Li"; sPRi64=""Lu";
sPRIo64=""Lo"; sPRIx64=""Lx"; sPRIXU64=""LX";
echo "We will use %Ld."
;;
esac
fi
fi

```

```

if $test X"$sPRId64" = X -a X"$quadtype" = X"long long"; then

```

```

$cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
long long q = 12345678901LL; /* AIX cc requires the LL suffix. */
printf("%lld\n", q);
}

```

```
EOCP
```

```

set try
if eval $compile; then
yyy=`$run ./try`

```

```

case "$yyy" in
12345678901)
sPRId64="lld"; sPRi64="li"; sPRi64="lu";
sPRIo64="lo"; sPRIx64="lx";
sPRIXU64="lX";
echo "We will use the %lld style."
;;
esac
fi
fi

if $test X"$sPRId64" = X -a X"$quadtype" != X; then
$cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main() {
$quadtype q = 12345678901;
printf("%qd\n", q);
}
EOCP
set try
if eval $compile; then
yyy=`$run ./try`
case "$yyy" in
12345678901)
sPRId64="qd"; sPRi64="qi"; sPRi64="qu";
sPRIo64="qo"; sPRIx64="qx"; sPRIXU64="qX";
echo "We will use %qd."
;;
esac
fi
fi

if $test X"$sPRId64" = X; then
echo "Cannot figure out how to print 64-bit integers." >&4
fi
$rm_try

fi

case "$sPRId64" in
") d_PRId64="$undef"; d_PRi64="$undef"; d_PRi64="$undef";
d_PRIo64="$undef"; d_PRIx64="$undef"; d_PRIXU64="$undef";
;;
*) d_PRId64="$define"; d_PRi64="$define"; d_PRi64="$define";
d_PRIo64="$define"; d_PRIx64="$define"; d_PRIXU64="$define";
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/quadio.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_truncl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_truncl:

?S: This variable conditionally defines the HAS_TRUNCL symbol, which

?S: indicates to the C program that the truncl() routine is available

?S: to round long doubles towards zero. If copysignl is also present,

?S: we can emulate modfl.

?S:.

?C:HAS_TRUNCL :

?C: This symbol, if defined, indicates that the truncl routine is

?C: available. If copysignl is also present we can emulate modfl.

?C:.

?H:#\$d_truncl HAS_TRUNCL /**/

?H:.

?LINT:set d_truncl

: see if truncl exists

set truncl d_truncl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_truncl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: charsize.U,v 3.0.1.1 1994/10/29 16:07:13 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: charsize.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:07:13 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:34 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:charsize charbits: cat rm_try Myread Compile run

?MAKE: -pick add \$@ %<

?S:charsize:

?S: This variable contains the value of the CHARSIZE symbol, which

?S: indicates to the C program how many bytes there are in a character.

?S:.

?S:charbits:

?S: This

variable contains the value of the CHARBITS symbol, which

?S: indicates to the C program how many bits there are in a character.

?S:.

?C:CHARSIZE:

?C: This symbol contains the size of a char, so that the C preprocessor

?C: can make decisions based on it.

?C:.

?C:CHARBITS:

?C: This symbol contains the size of a char, so that the C preprocessor

?C: can make decisions based on it.

?C:.

?H:#define CHARSIZE \$charsize /**/

?H:#define CHARBITS \$charbits /**/

?H:.

?F:!try

: length of character in bytes. Is always 1, otherwise it is not C

: This used to be a test using sizeof

```
charsize=1

: Check for the number of bits in a character
case "$charbits" in
") echo "Checking how long a character is (in bits)..." >&4
$cat >try.c <<EOCP
#include <stdio.h>
int main ()
{
    int n;
    unsigned char c;
    for (c = 1, n = 0; c <= 1, n++);
    printf ("%d\n", n);
    return (0);
}
EOCP
set try
if eval $compile_ok; then
    dflt=`$run ./try`
else
    dflt='8'
```



```

echo "(I
can't seem to compile the test program. Guessing...)"
fi
;;
*)
dflt="$charbits"
;;
esac
rp="What is the length of a character (in bits)?"
./myread
charbits="$ans"
$rm_try
case "$charbits" in
8) ;;
*) cat >&4 << EOM
Your system has an unsigned character size of $charbits bits, which
is rather unusual (normally it is 8 bits). Perl likely will not work
correctly on your system, with subtle bugs in various places.
EOM
rp='Do you really want to continue?'
dflt='n'
./myread
case "$ans" in
[yY]) echo >&4 "Okay, continuing." ;;
*) exit 1 ;;
esac
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/charsize.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setpgrp.U,v 3.0.1.3 1997/02/28 15:44:16 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_setpgrp.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:44:16 ram
?RCS: patch61: obsoleted USE_BSDGRP in favor of USE_BSD_SETPGRP
?RCS: patch61: another unit now also defines a USE_BSD_GETPGRP
?RCS: patch61: fallback for test program failure improved

```

```

?RCS:
?RCS: Revision 3.0.1.2 1995/07/25 13:59:30 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 16:15:37 ram
?RCS: patch36: added
'ldflags' to the test compile line (ADO)
?RCS: patch36: call ./usg explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setpgrp d_bsdsetpgrp: cat rm_try +cc +libs +ccflags \
+ldflags Inlibc Guess Setvar i_unistd i_stdlib run
?MAKE: -pick add $@ %<
?S:d_setpgrp:
?S: This variable conditionally defines HAS_SETPGRP if setpgrp() is
?S: available to set the current process group.
?S:.
?S:d_bsdsetpgrp (d_bsdpgrp):
?S: This variable conditionally defines USE_BSD_SETPGRP if
?S: setpgrp needs two arguments whereas USG one needs none.
?S: See also d_setpgid for a POSIX interface.
?S:.
?C:HAS_SETPGRP (SETPGRP):
?C: This symbol, if defined, indicates that the setpgrp routine is
?C: available to set the current process group.
?C:.
?C:USE_BSD_SETPGRP (USE_BSDPGRP BSDPGRP):
?C: This symbol, if defined, indicates that setpgrp needs two
?C: arguments whereas USG one needs none. See also HAS_SETPGID
?C: for
a POSIX interface.
?C:.
?H:#$d_setpgrp HAS_SETPGRP /**/
?H:#$d_bsdsetpgrp USE_BSD_SETPGRP /**/
?H:.
?T:xxx
?F:!try
?LINT:set d_setpgrp d_bsdsetpgrp
: see if setpgrp exists
set setpgrp d_setpgrp
eval $inlibc

@if USE_BSD_SETPGRP || d_bsdsetpgrp
case "$d_setpgrp" in
"$define")
echo " "

```

```

echo "Checking to see which flavor of setpgrp is in use..."
$cat >try.c <<EOP
#i_unistd I_UNISTD
#include <sys/types.h>
#ifdef I_UNISTD
# include <unistd.h>
#endif
#i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main()
{
if (getuid() == 0) {
printf("(I see you are running Configure as super-user...)\n");
setuid(1);
}
#ifdef TRY_BSD_PGRP
if (-1 == setpgrp(1, 1))
exit(0);
#else
if (setpgrp() != -1)
exit(0);
#endif
exit(1);
}
EOP
if $cc -o try -DTRY_BSD_PGRP $ccflags $ldflags try.c $libs >/dev/null 2>&1 && $run ./try; then
echo 'You have to use setpgrp(pid,pgrp) instead of setpgrp().' >&4
val="$define"
elif $cc -o try $ccflags $ldflags try.c $libs >/dev/null 2>&1 &&
$run ./try; then
echo 'You have to use setpgrp() instead of setpgrp(pid,pgrp).' >&4
val="$undef"
else
echo "(I can't seem to compile and run the test program.)"
if ./usg; then
xxx="a USG one, i.e. you use setpgrp()."
else
# SVR4 systems can appear rather BSD-ish.
case "$i_unistd" in
$undef)
xxx="a BSD one, i.e. you use setpgrp(pid,pgrp)."
val="$define"
;;
$define)
xxx="probably a USG one, i.e. you use setpgrp()."
val="$undef"

```

```

;;
esac
fi
echo "Assuming your setpgrp is $xxx" >&4
fi
;;
*) val="$undef";;
esac
set d_bsdsetpgrp
eval $setvar
$rm_try
@end

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setpgrp.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: vaprot0.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>

?RCS:

?RCS: \$Log: vaprot0.U,v \$

?RCS: Revision 3.0.1.1 1994/01/24 14:17:16 ram

?RCS: patch16: definition of _V now appears only when needed

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:59 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:vaprot0: prototype i_stdarg Setvar

?MAKE: -pick add \$@ %<

?S:vaprot0:

?S: This variable conditionally defines CAN_VAPROTO on systems supporting

?S: prototype

declaration of functions with a variable number of

?S: arguments. See also prototype.

?S:.

?C:CAN_VAPROTO ~ %<:

?C: This variable is defined on systems supporting prototype declaration

?C: of functions with a variable number of arguments.

?C:.
 ?C: _V:
 ?C: This macro is used to declare function parameters in prototypes for
 ?C: functions with a variable number of parameters. Use double parentheses.
 ?C: For example:
 ?C:
 ?C: int printf _V((char *fmt, ...));
 ?C:
 ?C: Remember to use the plain simple _() macro when declaring a function
 ?C: with no variable number of arguments, since it might be possible to
 ?C: have a non-effect _V() macro and still get prototypes via _().

?C:.
 ?H: ?%<: # \$vaprotocol CAN_VAPROTO /**/
 ?H: ?_V: #ifdef CAN_VAPROTO
 ?H: ?_V: #define _V(args) args
 ?H: ?_V: #else
 ?H: ?_V: #define _V(args) ()
 ?H: ?_V: #endif
 ?H:.

?LINT: set vaprotocol
 : see if prototypes support variable argument declarations
 echo " "
 case "\$prototype\$i_stdarg" in
 \$define\$define)
 echo "It appears we'll be able
 to prototype varargs functions." >&4
 val="\$define"
 ;;
 *)
 echo "Too bad... We won't be using prototyped varargs functions..." >&4
 val="\$undef"
 ;;
 esac
 set vaprotocol
 eval \$setvar

Found in path(s):
 * /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/vaprotocol.U
 No license file was found, but licenses were detected in source scan.

?RCS: \$Id: prefix.U,v 3.1 1999/07/08 18:27:51 doughera Exp doughera \$
 ?RCS:
 ?RCS: Copyright (c) 1991-1993, Raphael Manfredi
 ?RCS:
 ?RCS: You may redistribute only under the terms of the Artistic License,
 ?RCS: as specified in the README file that comes with the distribution.
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```

?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: prefix.U,v $
?RCS: Revision 3.1 1999/07/08 18:27:51 doughera
?RCS: 5.005_5x version -- Andy Dougherty
?RCS:
?RCS: Revision 3.0.1.2 1995/01/30 14:44:05 ram
?RCS: patch49: new prefixexp variable holding a fully expanded prefix
?RCS: patch49: save off previous prefix value in oldprefix if changed (WED)
?RCS: patch49: added the INSTALLPREFIX define for C programs to use (WED)
?RCS:
?RCS:
Revision 3.0.1.1 1994/08/29 16:31:34 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:prefix prefixexp +oldprefix: Getfile Loc Oldconfig cat package
?MAKE: -pick add $@ %<
?S:prefix:
?S: This variable holds the name of the directory below which the
?S: user will install the package. Usually, this is /usr/local, and
?S: executables go in /usr/local/bin, library stuff in /usr/local/lib,
?S: man pages in /usr/local/man, etc. It is only used to set defaults
?S: for things in bin.U, mansrc.U, privlib.U, or scriptdir.U.
?S:.
?S:prefixexp:
?S: This variable holds the full absolute path of the directory below
?S: which the user will install the package. Derived from prefix.
?S:.
?S:oldprefix:
?S: This variable is set non-null if the prefix was previously defined
?S: and gets set to a new value. Used internally by Configure only.
?S:.
?C:INSTALLPREFIX:
?C: This symbol contains the name of the install prefix for this package.
?C:.
?H:#define INSTALLPREFIX "$prefix" /**/
?H:.
:
determine root of directory hierarchy where package will be installed.
case "$prefix" in
")
dflt=`./loc . /usr/local /usr/local /local /opt /usr`
;;
*?)
dflt=`echo "$prefix" | sed 's/.$//`

```

```

;;
*)
dflt="$prefix"
;;
esac
$cat <<EOM

```

By default, \$package will be installed in \$dflt/bin, manual pages under \$dflt/man, etc..., i.e. with \$dflt as prefix for all installation directories. Typically this is something like /usr/local. If you wish to have binaries under /usr/bin but other parts of the installation under /usr/local, that's ok: you will be prompted separately for each of the installation directories, the prefix being only used to set the defaults.

```

EOM
fn=d~
rp='Installation prefix to use?'
./getfile
oldprefix=""
case "$prefix" in
") ;;
*)
case "$ans" in
"$prefix") ;;
*) oldprefix="$prefix";;
esac
;;
esac
prefix="$ans"
prefixexp="$ansexp"

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/prefix.U

```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: siteprefix.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999 Andy Dougherty
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?RCS: $Log: siteprefix.U,v $
```

```

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera
?RCS: Initial revision
?RCS:
?MAKE:siteprefix siteprefixexp +oldsiteprefix: Getfile Loc Oldconfig cat package prefix
?MAKE: -pick add $@ %<
?S:siteprefix:
?S: This variable holds the full absolute path of the directory below
?S: which the user will install add-on packages.
?S: See INSTALL for usage and examples.
?S:.
?S:siteprefixexp:
?S: This variable holds the full absolute path of the
directory below
?S: which the user will install add-on packages. Derived from siteprefix.
?S:.
?S:oldsiteprefix:
?S: This variable is set non-null if the siteprefix was previously defined
?S: and gets set to a new value. Used internally by Configure only.
?S:.
: Set the siteprefix variables
$cat <<EOM

```

After \$package is installed, you may wish to install various add-on modules and utilities. Typically, these add-ons will be installed under \$prefix with the rest of this package. However, you may wish to install such add-ons elsewhere under a different prefix.

If you do not wish to put everything under a single prefix, that's ok. You will be prompted for the individual locations; this siteprefix is only used to suggest the defaults.

The default should be fine for most people.

```

EOM
fn=d~+
rp='Installation prefix to use for add-on modules and utilities?'
: XXX Here might be another good place for an installstyle setting.
case "$siteprefix" in
") dflt=$prefix ;;
*) dflt=$siteprefix
;;
esac
./getfile
: XXX Prefixit unit does not yet support siteprefix and vendorprefix
oldsiteprefix="
case "$siteprefix" in
") ;;

```



```
*) case "$ans" in
"$prefix") ;;
*) oldsiteprefix="$prefix";;
esac
;;
esac
siteprefix="$ans"
siteprefixexp="$ansexp"
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/siteprefix.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Myinit.U,v \$

?RCS: Revision 3.0.1.1 1994/10/31 09:47:29 ram

?RCS: patch44: leading comment states this unit comes before option processing

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:07 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: If you want to initialize any default values, copy this unit to your

?X: personal U directory and add the assignments to the end. This file

?X: is included after variables are initialized but before any old

?X: config.sh file is read in and before

any Configure switch processing.

?X:

?MAKE:Myinit: Init

?MAKE: -pick add \$@ %<

?LINT: nocomment

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Myinit.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_qgcvt: Inlibc
?MAKE: -pick add \$@ %<
?S:d_qgcvt:
?S: This variable conditionally defines the HAS_QGCVT symbol, which
?S: indicates to the C program that the qgcvt() routine is available.
?S:.
?C:HAS_QGCVT:
?C: This symbol, if defined, indicates that the qgcvt routine is
?C: available to convert long doubles ("quad doubles") to strings.
?C: This is a low-level routine hopefully faster than sprintf.
?C:.
?H:#\$d_qgcvt HAS_QGCVT /**/
?H:.
?LINT:set d_qgcvt
: see if qgcvt exists
set qgcvt d_qgcvt
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_qgcvt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_sresuproto: Hasproto i_unistd
?MAKE: -pick add \$@ %<
?S:d_sresuproto:
?S: This variable conditionally defines the HAS_SETRESUID_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the setresuid() function. Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_SETRESUID_PROTO:

```

?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the setresuid() function. Otherwise, it is up
?C: to the program to supply one. Good guesses are
?C: extern
int setresuid(uid_t ruid, uid_t euid, uid_t suid);
?C:.
?H:#$d_sresuproto HAS_SETRESUID_PROTO /**/
?H:.
?LINT:set d_sresuproto
: see if prototype for setresuid is available
echo " "
set d_sresuproto setresuid $i_unistd unistd.h
eval $hasproto

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/d_sresuproto.U

```

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```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_closedir.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:31:26 ram
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:11:18 ram
?RCS: patch36: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:07:21 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_closedir d_void_closedir: Inlibc i_dirent i_sysdir i_sysndir \
cc ccflags ldflags libs Setvar rm
?MAKE: -pick
add $@ %<
?S:d_closedir:
?S: This variable conditionally defines HAS_CLOSEDIR if closedir() is
?S: available.

```

```

?S:.
?C:HAS_CLOSEDIR:
?C: This symbol, if defined, indicates that the closedir() routine is
?C: available.
?C:.
?H:#$d_closedir HAS_CLOSEDIR /**/
?H:.
?S:d_void_closedir:
?S: This variable conditionally defines VOID_CLOSEDIR if closedir()
?S: does not return a value.
?S:.
?C:VOID_CLOSEDIR:
?C: This symbol, if defined, indicates that the closedir() routine
?C: does not return a value.
?C:.
?H:#$d_void_closedir VOID_CLOSEDIR /**/
?H:.
?F:!closedir
?LINT:set d_closedir d_void_closedir
: see if closedir exists
set closedir d_closedir
eval $inlibc

@if VOID_CLOSEDIR || d_void_closedir
?X: The following contortions are designed so we can call closedir()
?X: and check whether it returns a value. The contortions are designed
?X: to portably pick up the correct directory header, for those
?X: systems that support various mutually incompatible directory functions.
?X: This
is from perl5's perl.h
case "$d_closedir" in
"$define")
echo " "
echo "Checking whether closedir() returns a status..." >&4
cat > closedir.c <<EOM
#$i_dirent I_DIRENT /**/
#$i_sysdir I_SYS_DIR /**/
#$i_sysndir I_SYS_NDIR /**/

#if defined(I_DIRENT)
#include <dirent.h>
#if defined(NeXT) && defined(I_SYS_DIR) /* NeXT needs dirent + sys/dir.h */
#include <sys/dir.h>
#endif
#else
#ifdef I_SYS_NDIR
#include <sys/ndir.h>
#else

```

```

#ifdef I_SYS_DIR
#ifdef hp9000s500
#include <ndir.h> /* may be wrong in the future */
#else
#include <sys/dir.h>
#endif
#endif
#endif
#endif
int main() { return closedir(opendir(".")); }
EOM
if $cc $cflags $ldflags -o closedir closedir.c $libs > /dev/null 2>&1; then
if ./closedir > /dev/null 2>&1 ; then
echo "Yes, it does."
val="$undef"
else
echo "No, it doesn't."
val="$define"
fi
else
echo "(I can't seem to compile the test program--assuming it doesn't)"
val="$define"
fi
;;
*)
val="$undef";
;;
esac
set d_void_closedir
eval $setvar
$rm
-f closedir*
@end

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_closedir.U

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?RCS: of the source tree for dist 4.0.

```

?RCS:
?RCS: $Log: Signal.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:20:01 ram
?RCS: patch61: created
?RCS:
?X:
?X: This unit produces three files:
?X:
?X: 1- A signal.c file, which, when compiled and run, produces an output like:
?X:
?X: HUP 1
?X: INT 2
?X: QUIT 3
?X: etc...
?X:
?X: 2- A signal.awk script to parse the output of signal.c, fill
?X: in gaps (up to NSIG) and move duplicates to the end.
?X:
?X: 3- A signal_cmd script to compile signal.c and run it
?X: through sort -n -k 2 | uniq | awk -f signal.awk.
?X:
    (we try also sort -n +1 since some old hosts don't grok sort -k)
?X: (This is called signal_cmd to avoid OS/2 confusion with
?X: signal.cmd vs. signal.
?X: The signal_cmd script also falls back on checking signals one at a
?X: time in case the signal.c program fails. On at least one version of
?X: Linux 2.1.x, the header file #define'd SIGRTMAX to a symbol that
?X: is not defined by the compiler/linker. :-(. Further, on that same
?X: version of Linux, the user had a defective C-shell that gave an
?X: incorrect list for kill -l, so the fall-back didn't work.
?X:
?X: This unit is then used by sig_name.U.
?X:
?MAKE:Signal: test tr rm awk cat grep startsh eunicefix sed sort uniq \
Findhdr cppstdin +cppflags cppminus Compile trnl run
?MAKE: -pick add $@ %<
?X:all files declared as "public" since they're used from other units
?F:signal.c signal_cmd signal.lst signal signal.awk
?T: xx xxx xxxfiles
?LINT:use rm run
: Trace out the files included by signal.h, then look for SIGxxx
names.
?X: Remove SIGARRAYSIZE used by HPUX.
?X: Remove SIGSTKSIZ used by Linux.
?X: Remove SIGSTKSZ used by Posix.
?X: Remove SIGTYP void lines used by OS2.
?X: Some cpps, like os390, dont give the file name anywhere
if [ "X$fieldn" = X ]; then

```

```

: Just make some guesses. We check them later.
xxx='/usr/include/signal.h /usr/include/sys/signal.h'
else
xxx=`echo '#include <signal.h>' |
$cpstdin $cppminus $cppflags 2>/dev/null |
$grep '^[ ]*#.*include' |
$awk '{print \\$\\fieldn}' | $sed 's!'!'g' \\
$sed 's!\\\\\\\\\\\\\\\\!/'!'g' | $sort | $uniq`
fi
?X: Check this list of files to be sure we have parsed the cpp output ok.
?X: This will also avoid potentially non-existent files, such
?X: as ../foo/bar.h
xxxfiles=""
?X: Add /dev/null in case the $xxx list is empty.
for xx in $xxx /dev/null ; do
$test -f "$xx" && xxxfiles="$xxxfiles $xx"
done
?X: If we have found no files, at least try signal.h
case "$xxxfiles" in
") xxxfiles=`./findhdr signal.h` ;;
esac
xxx=`awk '
$1 ~ /^#define$/ &&
$2 ~ /^SIG[A-Z0-9]*$/ && $2 !~ /SIGARRAYSIZE/ && $2 !~ /SIGSTKSIZE/ && $2 !~ /SIGSTKSZ/ && $3 !~
/void/ {
print substr($2, 4, 20)
}
$1 == "#" && $2 ~ /^define$/ && $3 ~ /^SIG[A-Z0-9]*$/ && $3 !~ /SIGARRAYSIZE/ && $4 !~ /void/ {
print substr($3, 4, 20)
}' $xxxfiles`
: Append some common names just in case the awk scan failed.
xxx="$xxx ABRT ALRM BUS CANCEL CHLD CLD CONT DIL EMT FPE"
xxx="$xxx FREEZE HUP ILL INT IO IOT KILL LOST LWP PHONE"
xxx="$xxx PIPE POLL PROF PWR QUIT RTMAX RTMIN SEGV STKFLT STOP"
xxx="$xxx SYS TERM THAW TRAP TSTP TTIN TTOU URG USR1 USR2"
xxx="$xxx USR3 USR4 VTALRM WAITING WINCH WIND WINDOW XCPU XFSZ"

: generate a few handy files for later
$cat > signal.c <<'EOCP'
#include <sys/types.h>
#include <signal.h>
#include <stdio.h>
int main() {

/* Strange style to avoid deeply-nested #if/#else/#endif */
#ifndef NSIG
# ifdef _NSIG
#  define NSIG (_NSIG)

```

```

# endif
#endif

#ifndef NSIG
# ifdef SIGMAX
#  define NSIG (SIGMAX+1)
# endif
#endif

#ifndef NSIG
# ifdef SIG_MAX
#
#  define NSIG (SIG_MAX+1)
# endif
#endif

#ifndef NSIG
# ifdef MAXSIG
#  define NSIG (MAXSIG+1)
# endif
#endif

#ifndef NSIG
# ifdef MAX_SIG
#  define NSIG (MAX_SIG+1)
# endif
#endif

#ifndef NSIG
# ifdef SIGARRAYSIZE
#  define NSIG (SIGARRAYSIZE+1) /* Not sure of the +1 */
# endif
#endif

#ifndef NSIG
# ifdef _sys_nsig
#  define NSIG (_sys_nsig) /* Solaris 2.5 */
# endif
#endif

/* Default to some arbitrary number that's big enough to get most
   of the common signals.
*/
#ifndef NSIG
#  define NSIG 50
#endif

printf("NSIG %d\n", NSIG);

```



```

#endif JUST_NSIG

EOCP

echo $xxx | $tr ' ' $trnl | $sort | $uniq | $awk '
{
  printf "#ifdef SIG"; printf $1; printf "\n"
  printf "printf(\""; printf $1; printf " %%d\\n\",SIG";
  printf $1; printf ");\n"
  printf "#endif\n"
}
END {
  printf "#endif /* JUST_NSIG */\n";
  printf "exit(0);\n}\n";
}
' >>signal.c
$cat >signal.awk <<'EOP'
BEGIN { ndups = 0 }
$1 ~ /^NSIG$/ { nsig = $2 }
($1 !~ /^NSIG$/) && (NF == 2) {
  if ($2 >
maxsig) { maxsig = $2 }
  if (sig_name[$2]) {
dup_name[ndups] = $1
dup_num[ndups] = $2
ndups++
}
  else {
sig_name[$2] = $1
sig_num[$2] = $2
}
}
END {
  if (nsig == 0) {
    nsig = maxsig + 1
  }
  printf("NSIG %d\n", nsig);
  for (n = 1; n < nsig; n++) {
if (sig_name[n]) {
  printf("%s %d\n", sig_name[n], sig_num[n])
}
  else {
    printf("NUM%d %d\n", n, n)
  }
}
  for (n = 0; n < ndups; n++) {
printf("%s %d\n", dup_name[n], dup_num[n])
}
}

```

```

    }
}
EOP
$cat >signal_cmd <<EOS
$startsh
if $test -s signal.lst; then
    echo "Using your existing signal.lst file"
    exit 0
fi
xxx="$xxx"
EOS
?X: Avoid variable interpolation problems, especially with
?X: xxx, which contains newlines.
$cat >>signal_cmd <<'EOS'

set signal
if eval $compile_ok; then
    $run ./signal$_exe | ($sort -n -k 2 2>/dev/null || $sort -n +1) \|
    $uniq | $awk -f signal.awk >signal.lst
else
    echo "(I can't seem be able to compile the whole test program)" >&4
    echo "(I'll try it in little
pieces.)" >&4
    set signal -DJUST_NSIG
    if eval $compile_ok; then
        $run ./signal$_exe > signal.nsg
        $cat signal.nsg
    else
        echo "I can't seem to figure out how many signals you have." >&4
        echo "Guessing 50." >&4
        echo 'NSIG 50' > signal.nsg
    fi
: Now look at all the signal names, one at a time.
for xx in `echo $xxx | $tr ' ' $trnl | $sort | $uniq`; do
    $cat > signal.c <<EOCP
#include <sys/types.h>
#include <signal.h>
#include <stdio.h>
int main() {
printf("$xx %d\n", SIG${xx});
return 0;
}
EOCP
    set signal
    if eval $compile; then
        echo "SIG${xx} found."
        $run ./signal$_exe >> signal.ls1
    else

```

```

    echo "SIG${xx} NOT found."
fi
done
if $test -s signal.ls1; then
    $cat signal.nsg signal.ls1 |
    $sort -n | $uniq | $awk -f signal.awk >signal.lst
fi

fi
if $test -s signal.lst; then
:
else
echo "(AAK! I can't compile the test programs -- Guessing)" >&4
echo 'kill -l' >signal
set X `csh -f <signal`
$rm -f signal
shift
case $# in
0) set HUP INT QUIT ILL TRAP ABRT
EMT FPE KILL BUS SEGV SYS PIPE ALRM TERM;;
esac
echo $@ | $tr ' ' $trnl | \
    $awk '{ printf "%s %d\n", $1, ++s; }
    END { printf "NSIG %d\n", ++s }' >signal.lst
fi
$rm -f signal.c signal$_exe signal$_o signal.nsg signal.ls1
EOS
chmod a+x signal_cmd
$eunicefix signal_cmd

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Signal.U

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2016 Tony Cook

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:dtraceobject dtracexnolib: usedtrace dtrace cc cflags optimize \

Compile cat rm_try

?MAKE: -pick add \$@ %<

?S:dtraceobject:

?S: Whether we need to build an object file with the dtrace tool.

?S:.

?S:dtracexnolib:

?S: Whether dtrace accepts -xnolib. If available we call dtrace -h

```

?S: and dtrace -G with -xnolib to allow dtrace to run in a jail on
?S: FreeBSD.
?S:.
?F: !perldtrace.h
?T:xnolib
: Probe whether dtrace builds an object, as newer Illumos requires an input
: object file that uses at least one of the probes defined in the .d file
case "$usedtrace" in
$define)
    case "$dtracexnolib" in
    $define|true|[yY]*)
        dtracexnolib=$define
$dtrace -h -xnolib -s ../perldtrace.d -o perldtrace.h
;;
' |")
    if $dtrace -h -xnolib -s ../perldtrace.d -o perldtrace.h 2>&1 ; then
        dtracexnolib=$define
        echo "Your dtrace accepts -xnolib"
    elif $dtrace -h -s ../perldtrace.d -o perldtrace.h 2>&1 ; then
        dtracexnolib=$undef
        echo "Your dtrace doesn't accept -xnolib"
    else
        echo "Your dtrace doesn't work at all, try building without dtrace support" >&4
        exit 1
    fi
;;
*)
    dtracexnolib=$undef
$dtrace -h -s ../perldtrace.d -o perldtrace.h
;;
esac
case $dtracexnolib in
$define) xnolib=-xnolib ;;
*) xnolib= ;;
esac

case "$dtraceobject" in
$define|true|[yY]*)
    dtraceobject=$define
;;
' |")
    $cat >try.c <<EOM
#include "perldtrace.h"
int main(void) {
    PERL_LOADED_FILE("dummy");
    return 0;
}
EOM

```

```

dtraceobject=$undef
if $cc -c -o try.o $optimize $ccflags try.c \
    && $dtrace -G $xnolibs -s ../perldtrace.d try.o >/dev/null 2>&1; then

    dtraceobject=$define
    echo "Your dtrace builds an object file"
fi
;;
*) dtraceobject=$undef ;;
esac
$rm_try perldtrace.o perldtrace.h
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/dtraceobject.U

```

No license file was found, but licenses were detected in source scan.

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?RCS:

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?RCS:

?MAKE:d_sqrtl: Inlibc

?MAKE: -pick add \$@ %<

?S:d_sqrtl:

?S: This variable conditionally defines the HAS_SQRTL symbol, which

?S: indicates to the C program that the sqrtl() routine is available.

?S:.

?C:HAS_SQRTL:

?C: This symbol, if defined, indicates that the sqrtl routine is

?C: available to do long double square roots.

?C:.

?H:#\$d_sqrtl HAS_SQRTL /**/

?H:.

?LINT:set d_sqrtl

: see if sqrtl exists

set sqrtl d_sqrtl

eval \$inlibc

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sqrtl.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_bfd.U,v \$

```

?RCS:
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?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_bfd: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_bfd:
?S: This variable conditionally defines the I_BFD symbol, and
?S: indicates whether a C program can include <bfd.h>.
?S:.
?C:I_BFD:
?C: This symbol, if defined, indicates that <bfd.h> exists and
?C: can be included.
?C:.
?H:#$i_bfd I_BFD /**/
?H:.
?LINT:set i_bfd
: see if this is a bfd.h system
set bfd.h i_bfd
eval $inhdr

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_bfd.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_fd_set.U,v 3.0.1.3 1997/02/28 15:33:16 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_fd_set.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:33:16 ram
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.2 1994/06/20 06:57:23 ram
?RCS: patch30: extended scope for fd_set checks (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:06:27 ram
?RCS: patch16: comments for HAS_FD_* symbols were not consistent
?RCS:

```

```

?RCS: Revision 3.0 1993/08/18 12:06:02 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_fd_set d_fd_macros
d_fds_bits: Compile cat rm_try Oldconfig \
d_socket i_systime i_sysselect i_stdlib run
?MAKE: -pick add $@ %<
?S:d_fd_set:
?S: This variable contains the eventual value of the HAS_FD_SET symbol,
?S: which indicates if your C compiler knows about the fd_set typedef.
?S:.
?S:d_fd_macros:
?S: This variable contains the eventual value of the HAS_FD_MACROS symbol,
?S: which indicates if your C compiler knows about the macros which
?S: manipulate an fd_set.
?S:.
?S:d_fds_bits:
?S: This variable contains the eventual value of the HAS_FDS_BITS symbol,
?S: which indicates if your fd_set typedef contains the fds_bits member.
?S: If you have an fd_set typedef, but the dweebs who installed it did
?S: a half-fast job and neglected to provide the macros to manipulate
?S: an fd_set, HAS_FDS_BITS will let us know how to fix the gaffe.
?S:.
?C:HAS_FD_SET:
?C: This symbol, when defined, indicates presence of the fd_set typedef
?C: in <sys/types.h>
?C:.
?C:HAS_FD_MACROS:
?C: This symbol, when defined,
?C: indicates presence of the macros used to
?C: manipulate an fd_set.
?C:.
?C:HAS_FDS_BITS:
?C: This symbol, when defined, indicates presence of the fds_bits member in
?C: fd_set. This knowledge is useful if fd_set is available but the macros
?C: aren't.
?C:.
?H:#$d_fd_set HAS_FD_SET /**/
?H:#$d_fd_macros HAS_FD_MACROS /**/
?H:#$d_fds_bits HAS_FDS_BITS /**/
?H:.
?F:!try
: check for fd_set items
$cat <<EOM

```

Checking to see how well your C compiler handles fd_set and friends ...

EOM

?X: The FD_SET macros can be in strange places. On some SysV-based

?X: systems, they are in <sys/bsdtypes.h>, which is included (perhaps)

?X: by <sys/socket.h>. We won't force people to include

?X: <sys/bsdtypes.h> because it might introduce other

?X: incompatibilities.

```
$cat >try.c <<EOCP
```

```
#$i_stdlib I_STDLIB
```

```
#ifdef I_STDLIB
```

```
#include <stdlib.h>
```

```
#endif
```

```
#$i_systime I_SYS_TIME
```

```
#$i_sysselect I_SYS_SELECT
```

```
#$d_socket HAS_SOCKET
```

```
#include <sys/types.h>
```

```
#ifdef HAS_SOCKET
```

```
#include <sys/socket.h> /* Might include <sys/bsdtypes.h>
```

```
*/
```

```
#endif
```

```
#ifdef I_SYS_TIME
```

```
#include <sys/time.h>
```

```
#endif
```

```
#ifdef I_SYS_SELECT
```

```
#include <sys/select.h>
```

```
#endif
```

```
int main() {
```

```
    fd_set fds;
```

```
#ifdef TRYBITS
```

```
    if(fds.fds_bits);
```

```
#endif
```

```
#if defined(FD_SET) && defined(FD_CLR) && defined(FD_ISSET) && defined(FD_ZERO)
```

```
    exit(0);
```

```
#else
```

```
    exit(1);
```

```
#endif
```

```
}
```

```
EOCP
```

```
set try -DTRYBITS
```

```
if eval $compile; then
```

```
    d_fds_bits="$define"
```

```
    d_fd_set="$define"
```

```
    echo "Well, your system knows about the normal fd_set typedef..." >&4
```

```
    if $run ./try; then
```

```
        echo "and you have the normal fd_set macros (just as I'd expect)." >&4
```

```
        d_fd_macros="$define"
```

```
    else
```

```
        $cat >&4 <<'EOM'
```

but not the normal fd_set macros! Gaaack! I'll have to cover for you.


```
EOM
  d_fd_macros="$undef"
fi
else
$cat <<'EOM'
```

Hmm, your compiler has some difficulty with fd_set. Checking further...

```
EOM
set try
if eval $compile; then
  d_fds_bits="$undef"
  d_fd_set="$define"
  echo "Well, your system has some sort of fd_set available..." >&4
  if $run ./try; then
    echo "and you have the normal
fd_set macros." >&4
    d_fd_macros="$define"
  else
    $cat <<'EOM'
```

but not the normal fd_set macros! Gross! More work for me...

```
EOM
  d_fd_macros="$undef"
fi
else
echo "Well, you got zip. That's OK, I can roll my own fd_set stuff." >&4
  d_fd_set="$undef"
  d_fds_bits="$undef"
  d_fd_macros="$undef"
fi
fi
$rm_try
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_fd_set.U
```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_getpagsz.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:13:10 ram

```

?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:14 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getpagsz pagesize: Oldconfig Myread Inlibc cat contains +cc +ccflags \
libs rm Findhdr
?MAKE: -pick add $@ %<
?S:d_getpagsz:
?S: This variable conditionally defines HAS_GETPAGESIZE if getpagesize()
?S: is available to get the system page size.
?S:.
?S:pagesize (pagesize):
?S: This
variable holds the size in bytes of a system page.
?S:.
?C:HAS_GETPAGESIZE (GETPAGESIZE):
?C: This symbol, if defined, indicates that the getpagesize system call
?C: is available to get system page size, which is the granularity of
?C: many memory management calls.
?C:.
?X: Don't name it PAGESIZE, this is sometimes used by <sys/param.h>
?C:PAGESIZE_VALUE (PAGESIZE):
?C: This symbol holds the size in bytes of a system page (obtained via
?C: the getpagesize() system call at configuration time or asked to the
?C: user if the system call is not available).
?C:.
?H:#$d_getpagsz HAS_GETPAGESIZE /**/
?H:#define PAGESIZE_VALUE $pagesize /* System page size, in bytes */
?H:.
?F:!page
?T:guess
?LINT:set d_getpagsz
: see if getpagesize exists
set getpagesize d_getpagsz
eval $inlibc

@if pagesize || PAGESIZE_VALUE
: determine the system page size
echo " "
guess='(OK to guess)'
case "$pagesize" in
")
$cat >page.c <<EOP
extern int getpagesize();
int main()
{
printf("%d\n", getpagesize());

```

```

}
EOP
echo
"Computing the granularity of memory management calls..." >&4
dflt='4096'
case "$d_getpagesize" in
"$define")
if $cc $ccflags -o page page.c $libs >/dev/null 2>&1; then
dflt=`./page`
guess=""
else
echo "(I can't seem to compile the test program--guessing)"
fi
;;
*)
if $cc $ccflags -o page page.c $libs -IPW >/dev/null 2>&1; then
dflt=`./page`
guess=""
echo "(For your eyes only: I used the getpagesize() from -IPW.)"
else
if $contains PAGESIZE `./findhdr sys/param.h` >/dev/null 2>&1; then
$cat >page.c <<EOP
#include <sys/param.h>
int main()
{
printf("%d\n", PAGESIZE);
}
EOP
if $cc $ccflags -o page page.c $libs >/dev/null 2>&1; then
dflt=`./page`
guess=""
echo "(Using value of PAGESIZE found in <sys/param.h>.)"
fi
fi
fi
;;
esac
;;
*) dflt="$pagesize"; guess="";;
esac
rp="What is the system page size, in bytes$guess?"
./myread
pagesize=$ans
$rm -f page.c page

@end

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getpagsz.U
```

No license file was found, but licenses were detected in source scan.

```
case $CONFIG in
")
if test -f config.sh; then TOP=.;
elif test -f ../config.sh; then TOP=..;
elif test -f ../../config.sh; then TOP=../../;
elif test -f ../../../config.sh; then TOP=../../../;
elif test -f ../../../../config.sh; then TOP=../../../../../;
else
echo "Can't find config.sh."; exit 1
fi
. $TOP/config.sh
;;
esac
case "$0" in
*/*) cd `expr X$0 : 'X\(.*/'` ;;
esac
echo "Extracting makedepend (with variable substitutions)"
$spitshell >makedepend <<!GROK!THIS!
$startsh
# $Id: makedepend.sh,v 3.0.1.1 1994/01/24 14:00:05 ram Exp ram $
#
# Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
#
# You may redistribute only under the terms of the Artistic Licence,
# as specified in the README file that comes with the distribution.
# You may reuse parts of this distribution only within the terms of
# that same Artistic Licence; a copy of which may be found at the root
# of the source tree for dist 4.0.
#
#
Original Author: Larry Wall <lwall@netlabs.com>
#
# $Log: makedepend.sh,v $
# Revision 3.0.1.1 1994/01/24 14:00:05 ram
# patch16: changed top ln-style config.sh lookup into test-style one
#
# Revision 3.0 1993/08/18 12:04:37 ram
# Baseline for dist 3.0 netwide release.
#

export PATH || (echo "OOPS, this isn't sh. Desperation time. I will feed myself to sh."; sh \${0}; kill \${0})

cat='Scat'
cppflags='$cppflags'
```

```

cp='$cp'
cpp='$cppstdin'
echo='$echo'
egrep='$egrep'
expr='$expr'
mv='$mv'
rm='$rm'
sed='$sed'
sort='$sort'
test='$test'
tr='$tr'
uniq='$uniq'
!GROK!THIS!

```

```
$spitshell >>makedepend <<!NO!SUBS!
```

```

$cat /dev/null >.deptmp
$rm -f *.c.c c/*.*c
if test -f Makefile; then
    mf=Makefile
else
    mf=makefile
fi
if test -f $mf; then
    defrule=`<$mf sed -n \
-e '/^\.c\.o:.*;/{' \
-e 's/^\$*\./c/' \
-e 's/^[^;]*[ ]*/p' \
-e q \
-e }' \
-e '/^\.c\.o: *$/{' \
-e N \
-e 's/^\$*\./c/' \
-e 's/^\.*\n[ ]*/p' \
-e q \
-e }`
fi
case
"$defrule" in
") defrule='$(CC) -c $(CFLAGS)' ;;
esac

```

```

make clist || ($echo "Searching for .c files..."; \
$echo *.c | $tr ' ' '\012' | $egrep -v '*' >.clist)
gotnone=true
for file in `cat .clist`; do
# for file in `cat /dev/null`; do
    case "$file" in

```

```

*.c) filebase=`basename $file .c` ;;
*.y) filebase=`basename $file .c` ;;
") continue ;;
esac
gotnone=false
$echo "Finding dependencies for $filebase.o."
$sed -n <$file >$file.c \
-e "/^${filebase}_init(/q" \
-e '/^#/{' \
-e 's|^*.*$||' \
-e 's\\$||' \
-e p \
-e '}'
$cpp -I/usr/local/include -I. $cppflags $file.c | \
$sed \
-e '/^# *[0-9]!/d' \
-e 's/^.*"(.*)" .*$/"$filebase'.o: \1' \
-e 's: \./: |' \
-e 's\\.c\\.c|.c'| | \
$uniq | $sort | $uniq >> .deptmp
done

$sed <Makefile >Makefile.new -e '1,/^# AUTOMATICALLY!/d'

make shlist || ($echo "Searching for .SH files..."; \
$echo *.SH | $tr ' ' '\012' | $grep -v '*' >.shlist)
if $gotnone || $test -s .deptmp; then

    for file in `cat .shlist`; do
        $echo ` $expr X$file : 'X\(.*)\.SH` : $file config.sh \; \
        /bin/sh $file >> .deptmp
    done
    $echo "Updating Makefile..."
    $echo "# If this runs make out of memory, delete /usr/include lines." \
    >> Makefile.new
    $sed 's/\(.*\o:) *\(.*\c) *$|1 \2; ""$defrule \2"' .deptmp \
    >>Makefile.new
else
    make hlist || ($echo "Searching for .h files..."; \
$echo *.h | $tr ' ' '\012' | $grep -v '*' >.hlist)
    $echo "You don't seem to have a proper C preprocessor. Using grep instead."
    $grep '^#include ' `cat .clist` `cat .hlist` >.deptmp
    $echo "Updating Makefile..."
    <.clist $sed -n \
-e '//{' \
-e 's/\(.*\)\(.*\)c|2.o: \1\2.c; ""$defrule \1\2.c|p' \
-e d \
-e '}' \

```

```

-e 's/^(.*)\.c\1.o: \1.c|p' >> Makefile.new
<.hlist $sed -n 's|(.*\)(.*)|s= \2= \1\2=|p' >.hsed
<.deptmp $sed -n 's|c:#include "(.*)".*$|o: \1|p' | \
    $sed 's^[^;]*|'| \
    $sed -f
.hsed >> Makefile.new
<.deptmp $sed -n 's|c:#include <(.*>.*$|o: /usr/include/\1|p' \
    >> Makefile.new
<.deptmp $sed -n 's|h:#include "(.*)".*$|h: \1|p' | \
    $sed -f .hsed >> Makefile.new
<.deptmp $sed -n 's|h:#include <(.*>.*$|h: /usr/include/\1|p' \
    >> Makefile.new
for file in `scat .shlist`; do
Secho `sexpr X$file : 'X(.*).SH`: $file config.sh \; \
    /bin/sh $file >> Makefile.new
done
fi
$rm -f Makefile.old
$cp Makefile Makefile.old
$cp Makefile.new Makefile
$rm Makefile.new
Secho "# WARNING: Put nothing here or make depend will gobble it up!" >> Makefile
$rm -f .deptmp `sed 's/\,c/c.c/' .clist` .shlist .clist .hlist .hsed

```

```

!NO!SUBS!
$eunicefix makedepend
chmod +x makedepend
case `pwd` in
*SH)
    $rm -f ./makedepend
    ln makedepend ./makedepend
    ;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/makedepend.SH
```

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?RCS: of the source tree for dist 4.0.

?RCS:
?RCS: \$Log: Init.U,v \$
?RCS: Revision 3.0.1.1 1994/10/31 09:45:59 ram
?RCS: patch44: removed Options from MAKE to prevent Init overrides
?RCS: patch44: option processing now done after Myinit thanks to new Begin.U
?RCS: patch44: moved "Beginning of configuration questions" to Begin.U
?RCS: patch44: moved signal trapping instruction to Begin.U as well
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:02 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This file initializes certain default variables
used by Configure. They
?X: may be overridden or added to by definitions in Myinit.U.
?X:
?MAKE:Init eunicefix _exe: Null
?MAKE: -pick add \$@ %<
?MAKE: -pick weed \$@ ./Init
?S:eunicefix:
?S: When running under Eunice this variable contains a command which will
?S: convert a shell script to the proper form of text file for it to be
?S: executable by the shell. On other systems it is a no-op.
?S:.
?S: _exe (exe_ext):
?S: This variable defines the extension used for executable files.
?S: For unix it is empty. Other possible values include '.exe'.
?S: DJGPP, Cygwin and OS/2 use '.exe'. Stratus VOS uses '.pm'.
?S: On operating systems which do not require a specific extension
?S: for executable files, this variable is empty.
?S:.
?V:define undef smallmach:rmlist
?X:
?X: Throughout the units, one may make use of \$define and \$undef to reference
?X: a defined symbol or an undefined one. There is no need to add them in
?X: the dependency line since this unit makes them visible via ?V:, and
?X:
everyone inherits from those symbols since by convention Init.U is the
?X: root dependency.
?X:
?T: DJGPP
: Initialize wide constants
define='define'
undef='undef'
smallmach='pdp11 i8086 z8000 i80286 iAPX286'
rmlist=""

: We must find out about Eunice early


```

eunicefix=':
if test -f /etc/unixtovms; then
    eunicefix=/etc/unixtovms
fi
if test -f /etc/unixtovms.exe; then
    eunicefix=/etc/unixtovms.exe
fi

: Set executable suffix now -- needed before hints available
if test -f "/libs/version.library"; then
: Amiga OS
    _exe=""
elif test -f "/system/gnu_library/bin/ar.pm"; then
: Stratus VOS
    _exe=".pm"
elif test -n "$DJGPP"; then
: DOS DJGPP
    _exe=".exe"
elif test -d c:/.; then
: OS/2 or cygwin
    _exe=".exe"
else
: All other UNIX systems
    _exe=""
fi

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Init.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: prefix.U,v \$

?RCS: Revision 3.0.1.2 1995/01/30 14:44:05 ram

?RCS: patch49: new prefixexp variable holding a fully expanded prefix

?RCS: patch49: save off previous prefix value in oldprefix if changed (WED)

?RCS: patch49: added the INSTALLPREFIX define for C programs to use (WED)

```

?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:31:34 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:prefix prefixexp +oldprefix: Getfile Loc Oldconfig
cat package
?MAKE: -pick add $@ %<
?S:prefix:
?S: This variable holds the name of the directory below which the
?S: user will install the package. Usually, this is /usr/local, and
?S: executables go in /usr/local/bin, library stuff in /usr/local/lib,
?S: man pages in /usr/local/man, etc. It is only used to set defaults
?S: for things in bin.U, mansrc.U, privlib.U, or scriptdir.U.
?S:.
?S:prefixexp:
?S: This variable holds the full absolute path of the directory below
?S: which the user will install the package. Derived from prefix.
?S:.
?S:oldprefix:
?S: This variable is set non-null if the prefix was previously defined
?S: and gets set to a new value. Used internally by Configure only.
?S:.
?C:INSTALLPREFIX:
?C: This symbol contains the name of the install prefix for this package.
?C:.
?H:#define INSTALLPREFIX "$prefix" /**/
?H:.
: determine root of directory hierarchy where package will be installed.
case "$prefix" in
")
dflt=`./loc . /usr/local /usr/local /local /opt
/usr`
;;
*)
dflt="$prefix"
;;
esac
$cat <<EOM

```

By default, \$package will be installed in \$dflt/bin, manual pages under \$dflt/man, etc..., i.e. with \$dflt as prefix for all installation directories. Typically set to /usr/local, but you may choose /usr if you wish to install \$package among your system binaries. If you wish to have binaries under /bin but manual pages under /usr/local/man, that's ok: you will be prompted separately for each of the installation directories, the prefix being only used to set the defaults.

```

EOM
fn=d~
rp='Installation prefix to use?'
./getfile
oldprefix=""
case "$prefix" in
") ;;
*)
case "$ans" in
"$prefix") ;;
*) oldprefix="$prefix";;
esac
;;
esac
prefix="$ans"
prefixexp="$ansexp"

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/prefix.U
```

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?RCS: \$Id\$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:sysroot: Head

?MAKE: -pick add \$@ %<

?S:sysroot:

?S: This variable is empty unless supplied by the Configure user.

?S: It can contain a path to an alternative root directory, under which

?S: headers and libraries for the compilation target can be found. This

?S: is generally used when cross-compiling using a gcc-like compiler.

?S:.

?LINT:extern cc

?LINT:extern cppflags

?LINT:change cppflags

?LINT:extern ccflags

?LINT:change ccflags

?LINT:extern ldflags

?LINT:change ldflags

?LINT:extern ccdlflags

?X: _sysroot is later used in ccflags, but we do not want it in config.sh

?T:var xxx path _sysroot

: Set 'sysroot' to change the logical root directory to your headers and libraries see man gcc

: This is primarily meant for cross-compile environments, and

```

may fail to be useful in other cases
if test "X$sysroot" = X; then
  sysroot=""
else
  case "$cc" in
  *gcc*|*g++*)
    echo "Using $sysroot to find your headers and libraries, adding to ccflags"
    # _sysroot is used in places where we need --sysroot=foo
    # but using the rest of the flags could cause issues.
    _sysroot="--sysroot=$sysroot";
    case "$ccflags" in
  *sysroot*) ;;
  'undef'|*)
    ccflags="$ccflags $_sysroot"
    esac
    case "$ldflags" in
  *sysroot*) ;;
  'undef'|*)
    ldflags="$ldflags $_sysroot"
    esac
    case "$cppflags" in
  *sysroot*) ;;
  'undef'|*)
    cppflags="$cppflags $_sysroot"
    esac
    # lddflags updated below in lddflags section;
    # same with cccdlflags
    ;;
  esac

  # Adjust some defaults to also use $sysroot
  for var in xlibpth loclibpth locincpth glibpth; do
    eval xxx=\\$var
    eval $var=""
    for path in $xxx; do
      eval $var=\\$var $sysroot$path\\
    done
  done

fi

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Sysroot.U

```

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?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_strtold_l: Inlibc
?MAKE: -pick add \$@ %<
?S:d_strtold_l:
?S: This variable conditionally defines the HAS_STRTOLD_L symbol, which
?S: indicates to the C program that the strtold_l() routine is available.
?S:.
?C:HAS_STRTOLD_L:
?C: This symbol, if defined, indicates that the strtold_l routine is
?C: available to convert strings to long doubles.
?C:.
?H:#\$d_strtold_l HAS_STRTOLD_L /**/
?H:.
?LINT:set d_strtold_l
: see if strtold_l exists
set strtold_l d_strtold_l
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_strtold_l.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_ualarm: Inlibc
?MAKE: -pick add \$@ %<
?S:d_ualarm:
?S: This variable conditionally defines the HAS_UALARM symbol, which
?S: indicates to the C program that the ualarm() routine is available.
?S:.
?C:HAS_UALARM:
?C: This symbol, if defined, indicates that the ualarm routine is
?C: available to do alarms with microsecond granularity.
?C:.
?H:#\$d_ualarm HAS_UALARM /**/
?H:.
?LINT:set d_ualarm
: see if ualarm exists

```
set ualarm d_ualarm
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ualarm.U
```

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?RCS:

?MAKE:d_isless: cat Compile rm_try Setvar

?MAKE: -pick add \$@ %<

?S:d_isless:

?S: This variable conditionally defines the HAS_ISLESS symbol, which

?S: indicates to the C program that the isless() routine is available.

?S:.

?C:HAS_ISLESS:

?C: This symbol, if defined, indicates that the isless routine is

?C: available to do the isless function.

?C:.

?H:#\$d_isless HAS_ISLESS /**/

?H:.

?LINT:set d_isless

: check for isless

echo "Checking to see if you have isless..." >&4

\$cat >try.c <<EOCP

#include <math.h>

```
int main() { return isless(0.0); }
```

EOCP

set try

if eval \$compile; then

val="\$define"

echo "You have isless."

else

val="\$undef"

echo "You do not have isless."

fi

\$rm_try

set d_isless

eval \$setvar

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isless.U
```

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?RCS:

?MAKE:d_tgamma: Inlibc

?MAKE: -pick add \$@ %<

?S:d_tgamma:

?S: This variable conditionally defines the HAS_TGAMMA symbol, which

?S: indicates to the C program that the tgamma() routine is available

?S: for the gamma function. See also d_lgamma.

?S:.

?C:HAS_TGAMMA:

?C: This symbol, if defined, indicates that the tgamma routine is

?C: available to do the gamma function. See also HAS_LGAMMA.

?C:.

?H:#\$d_tgamma HAS_TGAMMA /**/

?H:.

?LINT:set d_tgamma

: see if tgamma exists

set tgamma d_tgamma

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_tgamma.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: installprefix.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1999 Andy Dougherty

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: installprefix.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?RCS:

?MAKE:installprefix installprefixexp: Getfile Loc \

Oldconfig afs cat package prefix

?MAKE: -pick add \$@ %<

?S:installprefix:

?S: This variable holds the name of the directory below which

?S: "make install" will install the package. For most users, this

?S: is the same
 as prefix. However, it is useful for
 ?S: installing the software into a different (usually temporary)
 ?S: location after which it can be bundled up and moved somehow
 ?S: to the final location specified by prefix.
 ?S:.
 ?S:installprefixexp:
 ?S: This variable holds the full absolute path of installprefix
 ?S: with all ~-expansion done.
 ?S:.
 : determine installation prefix for where package is to be installed.
 if \$afs; then
 \$cat <<EOM

Since you are running AFS, I need to distinguish the directory in which files will reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```
EOM
case "$installprefix" in
  ") dflt=`echo $prefix | sed 's#^/afs/#/afs/.#`";
  *) dflt="$installprefix";
esac
else
$cat <<EOM
```

In some special cases, particularly when building \$package for distribution, it is convenient to distinguish the directory in which files should be installed from the directory (\$prefix) in which they will eventually reside. For most users, these two directories are the same.

```
EOM
case "$installprefix" in
  ") dflt=$prefix ;;
  *) dflt=$installprefix;;
esac
fi
fn=d~
rp="What installation prefix should I use for installing files?"
./getfile
installprefix="$ans"
installprefixexp="$ansexp"
```

Found in path(s):
 * /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/installprefix.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_passwd.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_passwd.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:37:21 ram
?RCS: patch61: useless unit dropped.
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:09:51 ram
?RCS: patch32: created by ADO
?RCS:
?X:
?X: Useless unit dropped.
?X:
?LINT:empty
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_passwd.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_fsetpos.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_fsetpos.U,v $
?RCS: Revision 3.0.1.1 1994/06/20 06:57:38 ram
?RCS: patch30: created
?RCS:
?MAKE:d_fsetpos: Inlibc
?MAKE:-pick add $@ %<
?S:d_fsetpos:
```

?S: This variable conditionally defines HAS_FSETPOS if fsetpos() is

?S: available to set the file position indicator.

?S:.

?C:HAS_FSETPOS:

?C: This symbol, if defined, indicates that the fsetpos routine is

?C: available to set the file position indicator, similar to fseek().

?C:.

?H:#\$d_fsetpos

HAS_FSETPOS /**/

?H:.

?LINT:set d_fsetpos

: see if fsetpos exists

set fsetpos d_fsetpos

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fsetpos.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: usecbacktrace.U,v \$

?RCS:

?RCS: Copyright (c) 2014 H.Merijn Brand

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: usecbacktrace.U,v \$

?RCS:

?MAKE:usecbacktrace: Myread Oldconfig Setvar Getfile d_backtrace

?MAKE: -pick add \$@ %<

?Y:TOP

?S:usecbacktrace:

?S: This variable indicates whether we are compiling with backtrace

?S: support.

?S:.

?C:USE_CBACKTRACE:

?C: This symbol, if defined, indicates that Perl should

?C: be built with support for backtrace.

?C:.

?H:#\$usecbacktrace USE_CBACKTRACE /**/

?H:.

?LINT:extern ccflags

?LINT:change ccflags

: add flags if using c backtrace

case "\$usecbacktrace" in

"") usecbacktrace=\$undef ;;

[yY]*|true|\$define)

```

case "$d_backtrace" in
  [yY]*|true|$define)
    case " $ccflags " in
      *" -DUSE_C_BACKTRACE "*" ;; # Already there.
      *) ccflags="$ccflags
-DUSE_C_BACKTRACE -g" ;;
    esac
    ;;
  *)
    echo "This system does not support backtrace" >&4
    usecbacktrace=$undef
    ;;
  esac
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usebacktrace.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_endgrent.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: d_endgrent.U,v \$

?RCS:

?MAKE:d_endgrent: Inlibc

?MAKE: -pick add \$@ %<

?S:d_endgrent:

?S: This variable conditionally defines the HAS_ENDGRENT symbol, which

?S: indicates to the C program that the endgrent() routine is available

?S: for sequential access of the group database.

?S:.

?C:HAS_ENDGRENT:

?C: This symbol, if defined, indicates that the getgrent routine is

?C: available for finalizing sequential access of the group database.

?C:.

?H:#\$d_endgrent HAS_ENDGRENT /**/

?H:.

?LINT:set d_endgrent

: see if endgrent exists

set endgrent d_endgrent

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endgrent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_gethostprotos.U,v \$

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_gethostprotos : Hasproto i_netdb

?MAKE: -pick add \$@ %<

?S:d_gethostprotos:

?S: This variable conditionally defines the HAS_GETHOST_PROTOS symbol,

?S: which indicates to the C program that <netdb.h> supplies

?S: prototypes for the various gethost*() functions.

?S: See also netdbtype.U for probing for various netdb types.

?S:.

?C:HAS_GETHOST_PROTOS:

?C: This symbol, if defined, indicates that <netdb.h> includes

?C: prototypes for gethostent(), gethostbyname(), and

?C: gethostbyaddr(). Otherwise,

it is up to the program to guess

?C: them. See netdbtype.U for probing for various Netdb_xxx_t types.

?C:.

?H:#\$d_gethostprotos HAS_GETHOST_PROTOS /**/

?H:.

?LINT:set d_gethostprotos

?X: This test actually only checks for gethostent() and assumes the

?X: others follow suit. This test fails for ChorusOS, which has

?X: gethostbyname and gethostbyaddr, but not gethostent.

: see if prototypes for various gethostxxx netdb.h functions are available

echo " "

set d_gethostprotos gethostent \$i_netdb netdb.h

eval \$hasproto

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_gethostprotos.U

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2017, Karl Williamson

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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_wrtomb: Inlibc
?MAKE: -pick add \$@ %<
?S:d_wrtomb:
?S: This variable conditionally defines the HAS_WCRTOMB symbol if the
?S: wrtomb() routine is available to be used to convert a wide character
?S: into a multi-byte character.
?S:.
?C:HAS_WCRTOMB:
?C: This symbol, if defined, indicates that the wrtomb routine is
?C: available to convert a wide character into a multi-byte character.
?C:.
?H:#\$d_wrtomb HAS_WCRTOMB /**/
?H:.
?LINT: set d_wrtomb
: see if wrtomb exists
set wrtomb d_wrtomb
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_wrtomb.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: fpu.U,v \$
?RCS: Revision 3.0 1993/08/18 12:08:10 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:fpu: test cat cc Myread
?MAKE: -pick add \$@ %<
?S:fpu (fpunit):
?S: Set to be the compile flag for the local floating point unit.
?S:.

```

?C:FPU (FPUNIT):
?C: String containing the flags for the local floating point unit.
?C:.
?H:#define FPU "$fpu" /**/
?H:.
: see what floating point compile flags should be used.
fpu=""
if $test -r /dev/fpa; then
$cat>fpa.c << GOOP
main(){return(1);}
GOOP
$cc
-ffpa -o fpa fpa.c
fpa > fpa.out 2>&1
if $test ! -s fpa.out; then
dflt='y'
$cat <<'EOM'

```

You seem to have a sun fpa... I can compile the code to use the fpa but it will mean that the code can ONLY run on a machine with a fpa...

```

EOM
rp="Should I compile for fpa?"
. ./myread
if $test $ans = "n"; then
fpu=""
else
fpu='-ffpa'
fi
else
$cat <<'EOM'

```

You have the fpa device but I can't seem to use it. Maybe you should talk to your sysadmin about this. For now, I am not going to compile it in.

```

EOM
fi
fi
if $test "$fpu" = "; then
if $test -r /usr/etc/mc68881version; then
dflt='y'
$cat <<'EOM'

```

There also seems to be the pieces for a 68881. If I compile this in, it will work on almost all Sun 3's except for a few Sun-3/50s without a 68881...

```

EOM
rp="Should I compile for a 68881?"

```

```
./myread
if $test $ans = "y"; then
  fpu='-f68881'
fi
fi
fi
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/fpu.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_acosh: Inlibc

?MAKE: -pick add \$@ %<

?S:d_acosh:

?S: This variable conditionally defines the HAS_ACOSH symbol, which

?S: indicates to the C program that the acosh() routine is available.

?S:.

?C:HAS_ACOSH:

?C: This symbol, if defined, indicates that the acosh routine is

?C: available to do the inverse hyperbolic cosine function.

?C:.

?H:#\$d_acosh HAS_ACOSH /**/

?H:.

?LINT:set d_acosh

: see if acosh exists

set acosh d_acosh

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_acosh.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_dirent.U,v 3.0.1.4 1994/10/29 16:20:01 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: i_dirent.U,v \$

?RCS: Revision 3.0.1.4 1994/10/29 16:20:01 ram

?RCS: patch36: failed scanning for 'd_namlen' with missing <dirent.h> (ADO)

?RCS:

?RCS: Revision 3.0.1.3 1994/06/20 07:01:25 ram

?RCS: patch30: added direntrytype for hints, merely for NeXT (ADO)

?RCS: patch30: now checks for both struct dirent and direct (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:22:37 ram

?RCS: patch27: new variable direntrytype for proper type setting (ADO)

?RCS:

?RCS:

Revision 3.0.1.1 1994/01/24 14:11:15 ram

?RCS: patch16: added new Direntry_t pseudo-type for directory entries

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:17 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: This unit looks whether there is a dirent system or not

?X:

?MAKE:i_dirent d_dirnamlen direntrytype: test contains Setvar \
 Myread Findhdr cppstdin cppflags cppminus rm_try

?MAKE:-pick add \$@ %<

?S:i_dirent:

?S: This variable conditionally defines I_DIRENT, which indicates

?S: to the C program that it should include <dirent.h>.

?S:.

?S:d_dirnamlen:

?S: This variable conditionally defines DIRNAMLEN, which indicates

?S: to the C program that the length of directory entry names is

?S: provided by a d_namelen field.

?S:.

?S:direntrytype:

?S: This symbol is set to 'struct direct' or 'struct dirent' depending on

?S: whether dirent is available or not. You should use this pseudo type to

?S: portably declare your directory entries.

?S:.

?C:I_DIRENT:

?C: This symbol,

if defined, indicates to the C program that it should

?C: include <dirent.h>. Using this symbol also triggers the definition

?C: of the Direntry_t define which ends up being 'struct dirent' or

?C: 'struct direct' depending on the availability of <dirent.h>.

?C:.

?C:DIRNAMLEN:

?C: This symbol, if defined, indicates to the C program that the length

?C: of directory entry names is provided by a d_namlen field. Otherwise

?C: you need to do strlen() on the d_name field.

?C:
 ?C:Direntry_t:
 ?C: This symbol is set to 'struct direct' or 'struct dirent' depending on
 ?C: whether dirent is available or not. You should use this pseudo type to
 ?C: portably declare your directory entries.

```
?C:
?H:#$i_dirent I_DIRENT /**/
?H:#$d_dirnamlen DIRNAMLEN /**/
?H:%<:@if I_DIRENT && Direntry_t
?H:%<:#define Direntry_t $direntrytype
?H:%<:@end
```

```
?H:
?T:xinc guess1 guess2
?LINT:set i_dirent d_dirnamlen
: see if this is a dirent system
echo " "
if xinc=`./findhdr dirent.h`; $test "$xinc"; then
  val="$define"
  echo
  "<dirent.h> found." >&4
else
  val="$undef"
  if xinc=`./findhdr sys/dir.h`; $test "$xinc"; then
    echo "<sys/dir.h> found." >&4
    echo " "
  else
    xinc=`./findhdr sys/ndir.h`
  fi
  echo "<dirent.h> NOT found." >&4
fi
set i_dirent
eval $setvar
```

?X: Use struct dirent or struct direct? If we're using dirent.h,
 ?X: it's probably struct dirent, but apparently not always.
 ?X: Assume \$xinc still contains the name of the header file we're using.
 @if direntrytype || Direntry_t
 : Look for type of directory structure.
 echo " "
 \$cppstdin \$cppflags \$cppminus < "\$xinc" > try.c

```
case "$direntrytype" in
  '|')
  case "$i_dirent" in
    $define) guess1='struct dirent' ;;
    *) guess1='struct direct' ;;
  esac
  ;;
```

```

*) guess1="$direntrytype"
;;
esac

case "$guess1" in
'struct dirent') guess2='struct direct' ;;
*) guess2='struct dirent' ;;
esac

if $contains "$guess1" try.c >/dev/null 2>&1; then
direntrytype="$guess1"
echo "Your directory entries are $direntrytype." >&4
elif $contains "$guess2"
try.c >/dev/null 2>&1; then
direntrytype="$guess2"
echo "Your directory entries seem to be $direntrytype." >&4
else
echo "I don't recognize your system's directory entries." >&4
rp="What type is used for directory entries on this system?"
dflt="$guess1"
. ./myread
direntrytype="$ans"
fi
$rm_try

@end
@if d_dirnamlen || DIRNAMLEN
: see if the directory entry stores field length
echo " "
$cppstdin $cppflags $cppminus < "$xinc" > try.c
if $contains 'd_namlen' try.c >/dev/null 2>&1; then
echo "Good, your directory entry keeps length information in d_namlen." >&4
val="$define"
else
echo "Your directory entry does not know about the d_namlen field." >&4
val="$undef"
fi
set d_dirnamlen
eval $setvar
$rm_try

@end

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_dirent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_ndbm.U,v 3.0.1.1 1995/05/12 12:16:53 ram Exp \$
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: i_ndbm.U,v \$
?RCS: Revision 3.0.1.1 1995/05/12 12:16:53 ram
?RCS: patch54: made more robust by checking both header and lib (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:23 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_ndbm i_gdbmndbm i_gdbm_ndbm d_ndbm d_ndbm_h_uses_prototypes \
d_gdbmndbm_h_uses_prototypes d_gdbm_ndbm_h_uses_prototypes: \
Inhdr Inlibc Setvar test d_cplusplus extern_C echo Protochk
?MAKE: -pick add \$@ %<
?S:i_ndbm:
?S: This
variable conditionally defines the I_NDBM symbol, which
?S: indicates to the C program that <ndbm.h> exists and should
?S: be included.
?S:.
?C:I_NDBM:
?C: This symbol, if defined, indicates that <ndbm.h> exists and should
?C: be included.
?C:.
?S:i_gdbmndbm:
?S: This variable conditionally defines the I_GDBMNDBM symbol, which
?S: indicates to the C program that <gdbm/ndbm.h> exists and should
?S: be included. This was the location of the ndbm.h compatibility file
?S: in RedHat 7.1.
?S:.
?C:I_GDBMNDBM:
?C: This symbol, if defined, indicates that <gdbm/ndbm.h> exists and should
?C: be included. This was the location of the ndbm.h compatibility file
?C: in RedHat 7.1.
?C:.
?S:i_gdbm_ndbm:
?S: This variable conditionally defines the I_GDBM_NDBM symbol, which
?S: indicates to the C program that <gdbm-ndbm.h> exists and should
?S: be included. This is the location of the ndbm.h compatibility file
?S: in Debian 4.0.
?S:.

?C:I_GDBM_NDBM:

?C: This symbol, if defined, indicates that <gdbm-ndbm.h> exists and should

?C: be included. This is the location of the ndbm.h compatibility file

?C: in Debian 4.0.

?C:.

?S:d_ndbm:

?S: This variable conditionally defines the HAS_NDBM symbol, which

?S: indicates that both the ndbm.h include file and an appropriate ndbm

?S: library exist. Consult the different i_*ndbm variables

?S: to find out the actual include location. Sometimes, a system has the

?S: header file but not the library. This variable will only be set if

?S: the system has both.

?S:.

?C:HAS_NDBM:

?C: This symbol, if defined, indicates that some form of ndbm.h or compatibility

?C: include exists, along with the appropriate library.

?C:.

?S:d_ndbm_h_uses_prototypes:

?S: This variable conditionally defines the NDBM_H_USES_PROTOTYPES symbol,

?S: which indicates that the ndbm.h include file uses real ANSI C

?S: prototypes instead of K&R style function declarations. K&R style

?S: declarations are unsupported in C++, so the include file requires

?S: special handling

when using a C++ compiler and this variable is

?S: undefined. Consult the different d_*ndbm_h_uses_prototypes variables

?S: to get the same information for alternative ndbm.h include files.

?S:.

?C:NDBM_H_USES_PROTOTYPES:

?C: This symbol, if defined, indicates that <ndbm.h> uses real ANSI C

?C: prototypes instead of K&R style function declarations without any

?C: parameter information. While ANSI C prototypes are supported in C++,

?C: K&R style function declarations will yield errors.

?C:.

?S:d_gdbmndbm_h_uses_prototypes:

?S: This variable conditionally defines the NDBM_H_USES_PROTOTYPES symbol,

?S: which indicates that the gdbm/ndbm.h include file uses real ANSI C

?S: prototypes instead of K&R style function declarations. K&R style

?S: declarations are unsupported in C++, so the include file requires

?S: special handling when using a C++ compiler and this variable is

?S: undefined. Consult the different d_*ndbm_h_uses_prototypes variables

?S: to get the same information for alternative

ndbm.h include files.

?S:.

?C:GDBMNDBM_H_USES_PROTOTYPES:

?C: This symbol, if defined, indicates that <gdbm/ndbm.h> uses real ANSI C

?C: prototypes instead of K&R style function declarations without any

?C: parameter information. While ANSI C prototypes are supported in C++,

```

?C: K&R style function declarations will yield errors.
?C:.
?S:d_gdbm_ndbm_h_uses_prototypes:
?S: This variable conditionally defines the NDBM_H_USES_PROTOTYPES symbol,
?S: which indicates that the gdbm-ndbm.h include file uses real ANSI C
?S: prototypes instead of K&R style function declarations. K&R style
?S: declarations are unsupported in C++, so the include file requires
?S: special handling when using a C++ compiler and this variable is
?S: undefined. Consult the different d_*ndbm_h_uses_prototypes variables
?S: to get the same information for alternative ndbm.h include files.
?S:.
?C:GDBM_NDBM_H_USES_PROTOTYPES:
?C: This symbol, if defined, indicates that <gdbm-ndbm.h> uses real ANSI C
?C: prototypes
?C: instead of K&R style function declarations without any
?C: parameter information. While ANSI C prototypes are supported in C++,
?C: K&R style function declarations will yield errors.
?C:.
?H:#$i_ndbm I_NDBM /**/
?H:#$i_gdbmndbm I_GDBMNDBM /**/
?H:#$i_gdbm_ndbm I_GDBM_NDBM /**/
?H:#$d_ndbm HAS_NDBM /**/
?H:#$d_ndbm_h_uses_prototypes NDBM_H_USES_PROTOTYPES /**/
?H:#$d_gdbmndbm_h_uses_prototypes GDBMNDBM_H_USES_PROTOTYPES /**/
?H:#$d_gdbm_ndbm_h_uses_prototypes GDBM_NDBM_H_USES_PROTOTYPES /**/
?H:.
?T:d_dbm_open name hdr ihdr ndbm_hdr_protochk
?LINT:set d_ndbm d_gdbmndbm_h_uses_prototypes d_gdbm_ndbm_h_uses_prototypes
d_ndbm_h_uses_prototypes
: see if ndbm.h is available
set ndbm.h i_ndbm
eval $inhdr
: Compatibility location for RedHat 7.1
set gdbm/ndbm.h i_gdbmndbm
eval $inhdr
: Compatibility location for Debian 4.0
set gdbm-ndbm.h i_gdbm_ndbm
eval $inhdr

val="$undef"
if $test "$i_ndbm" = "$define" -o "$i_gdbmndbm" = "$define" -o "$i_gdbm_ndbm" = "$define"; then
: see if dbm_open exists
set
dbm_open d_dbm_open
eval $inlibc
case "$d_dbm_open" in
$undef)
i_ndbm="$undef"

```

```

i_gdbmndbm="$undef"
i_gdbm_ndbm="$undef"
echo "We won't be including <ndbm.h>"
val="$undef"
;;
*) val="$define"
;;
esac
fi
set d_ndbm
eval $setvar

ndbm_hdr_protochk='name=$1; hdr=$2;
eval "ihdr=\$""i_$name";
val="$undef";
if $test "$ihdr" = "$define"; then
$echo "Checking if your <$hdr> uses prototypes..." >&4;
case "$d_cplusplus" in
$define) ./protochk "$extern_C void dbm_close(DBM *);" literal "extern \"C\" { \" $ihdr $hdr literal \" }" &&
val="$define" ;;
*) ./protochk "$extern_C void dbm_close(int, int);" $ihdr $hdr || val="$define" ;;
esac;
case "$val" in
$define) $echo "Your <$hdr> seems to have prototypes";;
*) $echo "Your <$hdr> does not seem to have prototypes";;
esac;
fi;
set "d_${name}_h_uses_prototypes";
eval $setvar'

```

```

set ndbm ndbm.h
eval $ndbm_hdr_protochk
set gdbmndbm gdbm/ndbm.h
eval $ndbm_hdr_protochk
set gdbm_ndbm gdbm-ndbm.h
eval $ndbm_hdr_protochk

```

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_ndbm.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_tzname.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.
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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_tzname.U,v \$

?RCS: Revision 3.0.1.2 1994/08/29 16:14:43 ram

?RCS: patch32: forgot to set proper value in the val variable

?RCS:

?RCS: Revision 3.0.1.1 1994/06/20 06:57:55 ram

?RCS: patch30: created

?RCS:

?MAKE:d_tzname: Csym Setvar

?MAKE: -pick add \$@ %<

?S:d_tzname:

?S: This variable conditionally defines HAS_TZNAME if tzname[] is

?S: available to access timezone names.

?S:.

?C:HAS_TZNAME:

?C: This symbol, if defined, indicates that the tzname[]
array is

?C: available to access timezone names.

?C:.

?H:#\$d_tzname HAS_TZNAME /**/

?H:.

?LINT:set d_tzname

: see if tzname[] exists

echo " "

if set tzname val -a d_tzname; eval \$csym; \$val; then

val="\$define"

echo 'tzname[] found.' >&4

else

val="\$undef"

echo 'tzname[] NOT found.' >&4

fi

set d_tzname

eval \$setvar

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_tzname.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_fmod.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: d_fmod.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:12:46 ram

?RCS: patch36: created by ADO

?RCS:

?MAKE:d_fmod: Inlibc

?MAKE: -pick add \$@ %<

?S:d_fmod:

?S: This variable conditionally defines the HAS_FMOD symbol, which

?S: indicates to the C program that the fmod() routine is available.

?S: See also d_drem for the drem() routine which does roughly the same.

?S:.

?C:HAS_FMOD

:

?C: This symbol, if defined, indicates that the fmod routine is

?C: available to compute the remainder $r=x-n*y$ where $n=\text{trunc}(x/y)$.

?C:.

?H:#\$d_fmod HAS_FMOD /**/

?H:.

?LINT:set d_fmod

: see if fmod exists

set fmod d_fmod

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fmod.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: myhostname.U,v 3.0.1.3 1997/02/28 16:15:55 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: myhostname.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 16:15:55 ram

?RCS: patch61: improved hostname lookup by using ypmatch when NIS is used

?RCS:
?RCS: Revision 3.0.1.2 1994/10/29 16:25:43 ram
?RCS: patch36: call ./xenix explicitly instead of relying on PATH
?RCS: patch36: now uses new Tr unit to convert to/from lowercase
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 07:06:20 ram
?RCS: patch30: now a little more clever for domain name guessing
?RCS:
?RCS:
Revision 3.0 1993/08/18 12:09:18 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:myhostname phostname mydomain: contains sed test Myread Oldconfig \
Guess Loc awk echo sort uniq +usrinc rm hostcat Tr
?MAKE: -pick add \$@ %<
?S:myhostname (hostname):
?S: This variable contains the eventual value of the MYHOSTNAME symbol,
?S: which is the name of the host the program is going to run on.
?S: The domain is not kept with hostname, but must be gotten from mydomain.
?S: The dot comes with mydomain, and need not be supplied by the program.
?S:.
?S:mydomain:
?S: This variable contains the eventual value of the MYDOMAIN symbol,
?S: which is the domain of the host the program is going to run on.
?S: The domain must be appended to myhostname to form a complete host name.
?S: The dot comes with mydomain, and need not be supplied by the program.
?S:.
?S:phostname:
?S: This variable contains the eventual value of the PHOSTNAME symbol,
?S: which is a command that can be fed to popen()
to get the host name.
?S: The program should probably not presume that the domain is or isn't
?S: there already.
?S:.
?C:MYHOSTNAME (HOSTNAME):
?C: This symbol contains name of the host the program is going to run on.
?C: The domain is not kept with hostname, but must be gotten from MYDOMAIN.
?C: The dot comes with MYDOMAIN, and need not be supplied by the program.
?C: If gethostname() or uname() exist, MYHOSTNAME may be ignored. If MYDOMAIN
?C: is not used, MYHOSTNAME will hold the name derived from PHOSTNAME.
?C:.
?C:MYDOMAIN:
?C: This symbol contains the domain of the host the program is going to
?C: run on. The domain must be appended to HOSTNAME to form a complete
?C: host name. The dot comes with MYDOMAIN, and need not be supplied by
?C: the program. If the host name is derived from PHOSTNAME, the domain
?C: may or may not already be there, and the program should check.
?C:.

```

?H:#define MYHOSTNAME "$myhostname" /**/
?H:#define MYDOMAIN "$mydomain" /**/
?H:.
?LINT:extern osname
?T:cont
i tans tmp_re
: now get the host name
echo " "
echo "Figuring out host name..." >&4
case "$myhostname" in
") cont=true
echo 'Maybe "hostname" will work...'
if tans=`sh -c hostname 2>&1` ; then
myhostname=$tans
phostname=hostname
cont=""
fi
;;
*) cont="";;
esac
if $test "$cont"; then
if ./xenix; then
echo 'Oh, dear. Maybe "/etc/systemid" is the key...'
if tans=`cat /etc/systemid 2>&1` ; then
myhostname=$tans
phostname='cat /etc/systemid'
echo "Whadyaknow. Xenix always was a bit strange..."
cont=""
fi
elif $test -r /etc/systemid; then
echo "(What is a non-Xenix system doing with /etc/systemid?)"
fi
fi
if $test "$cont"; then
echo 'No, maybe "uname -l" will work...'
if tans=`sh -c 'uname -l' 2>&1` ; then
myhostname=$tans
phostname='uname -l'
else
echo 'Strange. Maybe "uname -n" will work...'
if tans=`sh -c 'uname -n' 2>&1` ; then
myhostname=$tans
phostname='uname -n'
else
echo 'Oh well, maybe I can mine it out of whoami.h...'
if
tans=`sh -c $contains' sysname $usrinc/whoami.h' 2>&1` ; then
myhostname=`echo "$tans" | $sed 's/^\.*(.)"/^1/'`

```

```

phostname="sed -n -e ""/sysname/s/^\.*\|(\.*\|)\|^1/{"" -e p -e q -e '}' <${usrinc}/whoami.h"
else
case "$myhostname" in
") echo "Does this machine have an identity crisis or something?"
phostname="";
*)
echo "Well, you said $myhostname before..."
phostname='echo $myhostname';;
esac
fi
fi
fi
fi
case "$myhostname" in
") myhostname=noname ;;
esac
: you do not want to know about this
set $myhostname
myhostname=$1

: verify guess
if $test "$myhostname" ; then
dflt=y
rp='Your host name appears to be "$myhostname"." Right?'
./myread
case "$ans" in
y*) ;;
*) myhostname="";;
esac
fi

: bad guess or no guess
while $test "X$myhostname" = X ; do
dflt=""
rp="Please type the (one word) name of your host:"
./myread
myhostname="$ans"
done

: translate upper to lower if necessary
case "$myhostname" in
*[A-Z]*)
echo
"(Normalizing case in your host name)"
myhostname=`echo $myhostname | ./tr '[A-Z]' '[a-z]'`
;;
esac

```

```

?X: Do not ask for domain name if this is not used later on. In that
?X: case, the hostname may keep its domain name, but it doesn't matter.
@if MYDOMAIN || mydomain
case "$myhostname" in
*.*)
dflt=`expr "X$myhostname" : "X[^.]*\(\..*\)"`
myhostname=`expr "X$myhostname" : "X\([^.*]\)\. "`
echo "(Trimming domain name from host name--host name is now $myhostname)"
;;
*) case "$mydomain" in
")
?X:
?X: There is currently no way to say we do not want hostcat if mydomain is not
?X: used. One way to achieve that would be to put that code in a mydomain.U
?X: unit. However, we want to stick the sanity checks right after the domain
?X: name computation, or if none is done, right after the hostname computation.
?X:
{
?X: If we use NIS, try ypmatch.
test "X$hostcat" = "Xypcat hosts" &&
ypmatch "$myhostname" hosts 2>/dev/null \
$sed -e 's/[ ]*#.*//; s/$/ /' > hosts
&& \
$test -s hosts
} || {
?X: Extract only the relevant hosts, reducing file size,
?X: remove comments, insert trailing space for later use.
?X: Test to be sure we *have* a hostcat command. os390 doesn't.
test "X$hostcat" != "X" &&
$hostcat | $sed -n -e "s/[ ]*#.*//; s^\$/ /
/[ ]$myhostname[ . ]/p" > hosts
}
tmp_re="[ .]"
if $test -f hosts; then
$test x`$awk "/[0-9].*[ ]$myhostname$tmp_re/ { sum++ }
END { print sum }" hosts` = x1 || tmp_re="[ ]"
dflt=`$awk "/[0-9].*[ ]$myhostname$tmp_re/ {for(i=2; i<=NF;i++) print \\$i}" \
hosts | $sort | $uniq | \
$sed -n -e "s/$myhostname\.\([^-a-zA-Z0-9_]\)\^1/p"`
case `$echo X$dflt` in
X*\ *) echo "(Several hosts in the database matched hostname)"
dflt=.
;;
X.) echo "(You do not have fully-qualified names in the hosts database)"
;;
esac
else
echo "(I cannot locate a hosts database anywhere)"

```

```

dflt=.
fi
case "$dflt" in
.)
tans=`./loc resolv.conf X /etc /usr/etc`
if
$test -f "$stans"; then
    echo "(Attempting domain name extraction from $stans)"
?X: Look for either a search or a domain directive.
    dflt=`$sed -n -e 's//g' \
        -e 's/^search *([ ]*).*/1/p' $stans \
        -e 1q 2>/dev/null`
    case "$dflt" in
    .) dflt=`$sed -n -e 's//g' \
        -e 's/^domain *([ ]*).*/1/p' $stans \
        -e 1q 2>/dev/null`
        ;;
    esac
    fi
    ;;
esac
case "$dflt" in
.) echo "(No help from resolv.conf either -- attempting clever guess)"
dflt=`sh -c domainname 2>/dev/null`
case "$dflt" in
") dflt='.';;
.nis.*|.yp.*|.main.*) dflt=`echo $dflt | $sed -e 's/^\.[^.]*/'`;;
esac
;;
esac
case "$dflt$osname" in
.os390) echo "(Attempting domain name extraction from //'SYS1.TCPPARMS(TCPDATA))"
dflt=`awk '/^DOMAINORIGIN/ {print $2}' //'SYS1.TCPPARMS(TCPDATA)' 2>/dev/null`
;;
esac
case "$dflt" in
.) echo "(Lost all hope -- silly guess then)"
dflt='.nonet'
;;
esac
$rm -f hosts
;;
*)
dflt="$mydomain";;
esac;;
esac
echo " "
rp="What is your domain name?"

```

```

./myread
tans="$ans"
case "$ans" in
") ;;
.*) ;;
*) tans=".$ans";;
esac
mydomain="$ans"

: translate upper to lower if necessary
case "$mydomain" in
*[A-Z]*)
echo "(Normalizing case in your domain name)"
mydomain=`echo $mydomain | ./tr '[A-Z]' '[a-z]`
;;
esac

@end
: a little sanity check here
case "$phostname" in
") ;;
*)
case `phostname | ./tr '[A-Z]' '[a-z]^` in
$myhostname$mydomain|$myhostname) ;;
*)
case "$phostname" in
sed*)
echo "(That doesn't agree with your whoami.h file, by the way.)"
;;
*)
echo "(That doesn't agree with your $phostname command, by the way.)"
;;
esac
;;
esac
;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/myhostname.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_bsdjmp.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
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```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_bsdjmp.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:31:10 ram

?RCS: patch61: added ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:09:09 ram

?RCS: patch36: call ./usg explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:45 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_bsdjmp: Guess Setvar cat +cc libs rm

?MAKE: -pick add \$@ %<

?S:d_bsdjmp:

?S: This variable conditionally defines USE_BSDJMP

if BSD _setjmp and

?S: _longjmp routines are available to do non-local gotos without saving

?S: or restoring the signal mask flag.

?S:.

?C:USE_BSDJMP (BSDJMP):

?C: This symbol, if defined, indicates that the BSD _setjmp and _longjmp

?C: routines are available to do non-local gotos without saving or restoring

?C: the signal mask flag.

?C:.

?H:#\$d_bsdjmp USE_BSDJMP /**/

?H:.

?F:!set

?LINT:set d_bsdjmp

: see if _setjmp and _longjmp exists

?X: We can't check for these symbols with Inlibc because of the leading "_"

echo " "

case "\$d_bsdjmp" in

)

\$cat >set.c <<EOP

#include <setjmp.h>

jmp_buf env;

int set = 1;

int main()

{

if (_setjmp(env))

exit(set);

set = 0;

_longjmp(env, 1);

exit(1);

```

}
EOP
if $cc -o set set.c $libs >/dev/null 2>&1; then
  if ./set >/dev/null 2>&1; then
    echo "Good! You have BSD _setjmp and _longjmp routines." >&4
    val="$define"
  else
    $cat <<EOM
Uh-Oh! You have BSD _setjmp and _longjmp, but they do not work properly!!
EOM

```

```

  val="$undef"
fi
else
  if
./usg; then
    echo "You do not have _setjmp and _longjmp, but that's fine." >&4
  else
    cat <<EOM

```

It sounds strange for a BSD system to miss _setjmp and _longjmp, but that's ok.

```

EOM
fi
val="$undef"
fi
;;
*) val="$d_bsdjmp"
case "$d_bsdjmp" in
$define) echo "Good! You have BSD _setjmp and _longjmp routines." >&4;;
$undef) echo "You do not have _setjmp and _longjmp, but that's fine." >&4;;
esac
;;
esac
set d_bsdjmp
eval $setvar
$rm -f set.c set

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_bsdjmp.U

```

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?RCS: \$Id: i_stdlib.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: i_stdlib.U,v \$
?RCS: Revision 3.0 1993/08/18 12:08:27 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_stdlib: Inhdr
?MAKE: -pick add \$@ %<
?S:i_stdlib:
?S: This variable conditionally defines the I_STDLIB symbol, which
?S: indicates to the C program that <stdlib.h> exists and should
?S: be included.
?S:.
?C:I_STDLIB:
?C: This symbol, if defined, indicates that <stdlib.h> exists and should
?C: be included.
?C:.
?H:#\$i_stdlib I_STDLIB /**/
?H:.
?LINT:set
i_stdlib
: see if stdlib is available
set stdlib.h i_stdlib
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_stdlib.U

No license file was found, but licenses were detected in source scan.

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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_aintl: Inlibc
?MAKE: -pick add \$@ %<
?S:d_aintl:
?S: This variable conditionally defines the HAS_AINTL symbol, which
?S: indicates to the C program that the aintl() routine is available.
?S: If copysignl is also present we can emulate modfl.
?S:.
?C:HAS_AINTL:
?C: This symbol, if defined, indicates that the aintl routine is
?C: available. If copysignl is also present we can emulate modfl.
?C:.

?H:#\$d_aintl HAS_AINTL /**/

?H:.

?LINT:set d_aintl

: see if aintl exists

set aintl d_aintl

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_aintl.U

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?RCS: \$Id: d_getpwuid_r.U,v 0RCS:

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?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_getpwuid_r getpwuid_r_proto: Inlibc Protochk Hasproto i_systypes \
usethreads i_pwd extern_C

?MAKE:-pick add \$@ %<

?S:d_getpwuid_r:

?S: This variable conditionally defines the HAS_GETPWUID_R symbol,

?S: which indicates to the C program that the getpwuid_r()

?S: routine is available.

?S:.

?S:getpwuid_r_proto:

?S: This variable encodes the prototype of getpwuid_r.

?S: It is zero if d_getpwuid_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwuid_r

?S: is defined.

?S:.

?C:HAS_GETPWUID_R:

?C: This symbol, if defined, indicates that the getpwuid_r routine

?C: is available to

getpwuid re-entrantly.

?C:.

?C:GETPWUID_R_PROTO:

?C: This symbol encodes the prototype of getpwuid_r.

?C: It is zero if d_getpwuid_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwuid_r

?C: is defined.

?C:.

?H:#\$d_getpwuid_r HAS_GETPWUID_R /**/

?H:#define GETPWUID_R_PROTO \$getpwuid_r_proto /**/

?H:.

```

?T:try hdrs d_getpwuid_r_proto
: see if getpwuid_r exists
set getpwuid_r d_getpwuid_r
eval $inlibc
case "$d_getpwuid_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
case "$d_getpwuid_r_proto:$usetthreads" in
":define") d_getpwuid_r_proto=define
set d_getpwuid_r_proto getpwuid_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_getpwuid_r_proto" in
define)
case "$getpwuid_r_proto" in
"|0) try='int getpwuid_r(uid_t, struct passwd*, char*, size_t, struct passwd**);'
./protochk "$extern_C $try" $hdrs && getpwuid_r_proto=I_TSBWR ;;
esac
case "$getpwuid_r_proto" in
"|0) try='int getpwuid_r(uid_t, struct passwd*, char*, int,
struct passwd**);'
./protochk "$extern_C $try" $hdrs && getpwuid_r_proto=I_TSBIR ;;
esac
case "$getpwuid_r_proto" in
"|0) try='int getpwuid_r(uid_t, struct passwd*, char*, int);'
./protochk "$extern_C $try" $hdrs && getpwuid_r_proto=I_TSBI ;;
esac
case "$getpwuid_r_proto" in
"|0) try='struct passwd* getpwuid_r(uid_t, struct passwd*, char*, int);'
./protochk "$extern_C $try" $hdrs && getpwuid_r_proto=S_TSBI ;;
esac
case "$getpwuid_r_proto" in
"|0) d_getpwuid_r=undef
getpwuid_r_proto=0
echo "Disabling getpwuid_r, cannot determine prototype." >&4 ;;
*) case "$getpwuid_r_proto" in
REENTRANT_PROTO*) ;;
*) getpwuid_r_proto="REENTRANT_PROTO_$getpwuid_r_proto" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usetthreads" in
define) echo "getpwuid_r has no prototype, not using it." >&4 ;;
esac
d_getpwuid_r=undef
getpwuid_r_proto=0

```

```
;;
esac
;;
*) getpwuid_r_proto=0
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getpwuid_r.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_time.U,v 3.0.1.2 1995/07/25 14:07:43 ram Exp \$

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d_time.U,v \$

?RCS: Revision 3.0.1.2 1995/07/25 14:07:43 ram

?RCS: patch56: typo fix, sytem -> system

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:16:38 ram

?RCS: patch36: now uses new Typedef unit to compute type information (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:45 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X: Maybe <sys/types.h> should be included?

?X:INC: i_systypes

?MAKE:d_time timetype: Csym Setvar Findhdr Myread Typedef

?MAKE: -pick

add \$@ %<

?S:d_time:

?S: This variable conditionally defines the HAS_TIME symbol, which indicates

?S: that the time() routine exists. The time() routine is normally

?S: provided on UNIX systems.

?S:.

?S:timetype:

?S: This variable holds the type returned by time(). It can be long,

?S: or time_t on BSD sites (in which case <sys/types.h> should be

?S: included). Anyway, the type Time_t should be used.

?S:.

?C:HAS_TIME (TIMER):

?C: This symbol, if defined, indicates that the time() routine exists.

?C:.

?C:Time_t (TIMETYPE):

?C: This symbol holds the type returned by time(). It can be long,

?C: or time_t on BSD sites (in which case <sys/types.h> should be

?C: included).

?C:.

?H:#\$d_time HAS_TIME /**/

?H:#define Time_t \$timetype /* Time type */

?H:.

?LINT:set d_time

: see if time exists

echo " "

?X: MPE/iX needs this protection of hint values.

?X: See d_sterror.U for more explanation.

if test "X\$d_time" = X -o X"\$timetype" = X; then

if set time val -f d_time; eval \$csym; \$val;

then

echo 'time() found.' >&4

val="\$define"

rp="What is the type returned by time() on this system?"

set time_t timetype long stdio.h sys/types.h

eval \$typedef_ask

else

echo 'time() not found, hope that will do.' >&4

val="\$undef"

timetype='int';

fi

set d_time

eval \$setvar

fi

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/d_time.U

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?RCS: \$Id\$

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?RCS:

?MAKE:ptrsize: cat rm_try Myread +cc +ccflags

```

?MAKE: -pick add $@ %<
?S:ptrsize:
?S: This variable contains the value of the PTRSIZE symbol, which
?S: indicates to the C program how many bytes there are in a pointer.
?S:.
?C:PTRSIZE:
?C: This symbol contains the size of a pointer, so that the C preprocessor
?C: can make decisions based on it.
?C:.
?H:#define PTRSIZE $ptrsize /**/
?H:.
?F:!try
: check for length of pointer
echo " "
case "$ptrsize" in
")
echo "Checking to see how big your pointers are..."
>&4
$cat >try.c <<'EOCP'
#include <stdio.h>
int main()
{
printf("%d\n", sizeof(char *));
}
EOCP
if $cc $ccflags -o try try.c >/dev/null 2>&1 ; then
dflt=`./try`
else
dflt='4'
echo "(I can't seem to compile the test program. Guessing...)"
fi
;;
*)
dflt="$ptrsize"
;;
esac
rp="What is the size of a pointer (in bytes)?"
./myread
ptrsize="$ans"
$rm_try

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/ptrsize.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_endhent.U,v 3.0 1993/08/18 12:06:09 ram Exp $

```

```

?RCS:

```

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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: d_endhent.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_endhent: Inlibc
?MAKE: -pick add \$@ %<
?S:d_endhent:
?S: This variable conditionally defines HAS_ENDHOSTENT if endhostent() is
?S: available to close whatever was being used for host queries.
?S:.
?C:HAS_ENDHOSTENT:
?C: This symbol, if defined, indicates that the endhostent() routine is
?C: available to close whatever was being used for host
queries.
?C:.
?H:#\$d_endhent HAS_ENDHOSTENT /**/
?H:.
?LINT:set d_endhent
: see if endhostent exists
set endhostent d_endhent
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endhent.U

No license file was found, but licenses were detected in source scan.

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?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_madvise: Inlibc
?MAKE: -pick add \$@ %<
?S:d_madvise:

?S: This variable conditionally defines HAS_MADVISE if madvise() is

?S: available to map a file into memory.

?S:.

?C:HAS_MADVISE:

?C: This symbol, if defined, indicates that the madvise system call is

?C: available to map a file into memory.

?C:.

?H:#\$d_madvise HAS_MADVISE /**/

?H:.

?LINT:set d_madvise

: see if madvise exists

set madvise d_madvise

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_madvise.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_getprpwnam: Inlibc

?MAKE:-pick add \$@ %<

?S:d_getprpwnam:

?S: This variable conditionally defines HAS_GETPRPWNAM if getprpwnam() is

?S: available to retrieve protected (shadow) password entries by name.

?S:.

?C:HAS_GETPRPWNAM:

?C: This symbol, if defined, indicates that the getprpwnam system call is

?C: available to retrieve protected (shadow) password entries by name.

?C:.

?H:#\$d_getprpwnam HAS_GETPRPWNAM /**/

?H:.

?LINT:set d_getprpwnam

: see if getprpwnam exists

set getprpwnam d_getprpwnam

eval \$inlibc

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getprpwnam.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Copyright (c) 2000, Jarkko Hietaniemi

?RCS:

?X:

?X: This unit allows the duplication of the source tree to the current

?X: directory via symbolic links. This must be requested explicitly

?X: by them issuing a -Dmksymlinks on the command line.

?X:

?MAKE:Mksymlinks: Mkdirp lns issymlink src rsrc pkgsrc

?MAKE: -pick add \$@ %<

?F:!UU

?T: dir filename tmppwd filelist

?LINT:extern mksymlinks

@if {test -f ../MANIFEST}

: Duplicate the tree with symbolic links if -Dmksymlinks was supplied

case "\$mksymlinks"

in

\$define|true|[yY]*)

echo " "

case "\$src" in

"|.") echo "Cannot create symlinks in the original directory." >&4

exit 1

::

*) case "\$lns:\$issymlink" in

"ln"" -s:"*"test -"?)

echo "Creating the symbolic links..." >&4

echo "(First creating the subdirectories..." >&4

cd ..

awk '{print \$1}' \$src/MANIFEST | grep / | sed 's:[^/]*\$::' | \

sort -u | while true

do

read dir

test -z "\$dir" && break

./UU/mkdirp \$dir 2>/dev/null

```

if test -d $dir; then
    : ok
else
    echo "Failed to create '$dir'. Aborting." >&4
    exit 1
fi
done
echo "(Now creating the symlinks...)" >&4
awk '{print $1}' $src/MANIFEST | while true; do
    read filename
    test -z "$filename" && break
    if test -f $filename; then
        if $issymmlink $filename; then
            rm -f $filename
        fi
    fi
    if test -f $filename; then
        echo "$filename already exists, not symlinking."
    else
?X: Note that the following works because "$pkgsrc" is absolute
        ln
        -s $pkgsrc/$filename $filename
    fi
done
?X: Check that everything was correctly copied
    echo "(Checking current directory...)" >&4
    cd UU
    awk '$1 !~ /PACK[A-Z]+/ {print $1}' "$rsrc/MANIFEST" | \
    (split -l 50 2>/dev/null || split -50)
    rm -f missing
    tmppwd=`pwd`
    for filelist in x??; do
        (cd ..; ls `cat "$tmppwd/$filelist" ` \
        >/dev/null 2>>"$tmppwd/missing")
    done
    if test -s missing; then
        echo "Failed duplication of source tree. Aborting." >&4
        exit 1
    fi
    ;;
*) echo "(I cannot figure out how to do symbolic links, ignoring!)" >&4
    ;;
esac
;;
esac
;;
esac
;;
esac

```

@end

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Mksymlinks.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: maildir.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: maildir.U,v \$

?RCS: Revision 3.0.1.1 1993/12/15 08:21:56 ram

?RCS: patch15: now also looks under /var/mail for BSD/386

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:maildir maildirexp: Getfile Loc Oldconfig

?MAKE: -pick add \$@ %<

?S:maildir:

?S: This variable contains the name of the directory in which mail is

?S: spooled. Programs using this variable must be prepared to deal with

?S: ~name

substitutions.

?S:.

?S:maildirexp:

?S: This is the same as the maildir variable, but is filename expanded

?S: at configuration time, for programs not willing to deal with it at

?S: run-time.

?S:.

: determine where mail is spooled

case "\$maildir" in

) dflt=`./loc ./usr/spool/mail /usr/spool/mail /usr/mail /var/mail`;;

*) dflt="\$maildir";;

esac

echo " "

fn=d~

rp='Where is yet-to-be-read mail spooled?'

./getfile

maildir="\$ans"

maildirexp="\$ansexp"

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/maildir.U

No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2017-2018, H.Merijn Brand

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:d_dup3: Inlibc

?MAKE: -pick add \$@ %<

?S:d_dup3:

?S: This variable conditionally defines HAS_DUP3 if dup3() is

?S: available to duplicate file descriptors.

?S:.

?C:HAS_DUP3:

?C: This symbol, if defined, indicates that the dup3 routine is

?C: available to duplicate file descriptors.

?C:.

?H:#\$d_dup3 HAS_DUP3 /**/

?H:.

?LINT:set d_dup3

: see if dup3 exists

set dup3 d_dup3

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_dup3.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: charorder.U,v 3.0.1.1 1994/10/29 16:07:08 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: charorder.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:07:08 ram

```

?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:33 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:chorder_int chorder_short chorder_long: Myread cat Compile rm
?MAKE: -pick add $@ %<
?S:chorder_short (d_cos d_bos):
?S: Holds the value describing the byte ordering of characters in a short.
?S: On a Big-Endian machine, that
    would be "c0c1".
?S:.
?S:chorder_int (charoder):
?S: Holds the value describing the byte ordering of characters in an int.
?S: For instance, on a Big-Endian machine, this would be: "c0c1c2c3".
?S:.
?S:chorder_long (d_col d_bol):
?S: Holds the value describing the byte ordering of characters in a long.
?S: On a 64 bits Big-Endian machine, that would yield: "c0c1c2c3c4c5c6c7".
?S:.
?C:CHAR_ORDER_SHORT:
?C: Holds the byte ordering of characters in a short. It's a string
?C: value like "c0c1" on a Big-Endian machine.
?C:.
?C:CHAR_ORDER_INT:
?C: Holds the byte ordering of characters in an int. It's a string
?C: value like "c0c1c2c3" on a Big-Endian machine.
?C:.
?C:CHAR_ORDER_LONG:
?C: Holds the byte ordering of characters in a long. It's a string
?C: value like "c0c1c2c3c4c5c6c7" on a 64 bits Big-Endian machine.
?C:.
?H:#define CHAR_ORDER_SHORT "$chorder_short" /* byte order in a short */
?H:#define CHAR_ORDER_INT "$chorder_int" /* byte order in an int */
?H:#define CHAR_ORDER_LONG "$chorder_long"
/* byte order in a long */
?H:.
?F:!byteorder
: check for character ordering
echo " "
echo "Checking out byte order..." >&4
$cat >byteorder.c <<'EOCP'
#include <stdio.h>

int main(argc, argv)
int argc;
char *argv[]; {
int i;

```

```

int max;
union {
    short u_s;
    int u_i;
    long u_l;
    char u_c[sizeof(long)];
} u;
switch (argv[1][0]) {
case 'l':
    u.u_l = 0L;
    /* HMS: ASSERT: sizeof(long) < 10. */
    for(i = 0; i < sizeof(long); ++i) {
        u.u_l *= 0x100L;
        u.u_l += (0xc0 + i);
    }
    max = sizeof(long);
    break;
case 's':
    u.u_s = 0;
    /* HMS: ASSERT: sizeof(short) < 10. */
    for(i = 0; i < sizeof(short); ++i) {
        u.u_s *= 0x100L;
        u.u_s += (0xc0 + i);
    }
    max = sizeof(short);
    break;
case 'i':
    u.u_i = 0;
    /* RAM: ASSERT: sizeof(int) < 10. */
    for(i = 0; i < sizeof(int); ++i) {
        u.u_l *= 0x100L;
        u.u_l += (0xc0 + i);
    }
    max = sizeof(int);
    break;
default:
    max = 0;
    break;
}
for(i = 0; i < max; i++) {
    printf("%x", u.u_c[i] & 0x00FF);
}
printf("\n");
exit(0);
}
EOCP
set

```

```

byteorder
if eval $compile_ok ; then
: null statement
@if chorder_short
  chorder_short=`./byteorder s`
@end
@if chorder_int
  chorder_int=`./byteorder i`
@end
@if chorder_long
  chorder_long=`./byteorder l`
@end
else
$cat <<EOM
(I can't seem to get my test program to work. Guessing 32 bits big-endian.)
EOM
  chorder_short="c0c1"
  chorder_int="c0c1c2c3"
  chorder_long="c0c1c2c3"
fi
@if chorder_short
dflt=$chorder_short
rp='What is the order of characters in a short?'
./myread
chorder_short="$ans"
@end
@if chorder_int
dflt=$chorder_int
rp='What is the order of characters in an int?'
./myread
chorder_int="$ans"
@end
@if chorder_long
dflt=$chorder_long
rp='What is the order of characters in a long?'
./myread
chorder_long="$ans"
@end
$rm -f byteorder* core

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/charorder.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:
 ?RCS: You may distribute under the terms of either the GNU General Public
 ?RCS: License or the Artistic License, as specified in the README file.
 ?RCS:
 ?MAKE:d_eaccess: Inlibc
 ?MAKE: -pick add \$@ %<
 ?S:d_eaccess:
 ?S: This variable conditionally defines the HAS_EACCESS symbol, which
 ?S: indicates to the C program that the eaccess() routine is available.
 ?S:.
 ?C:HAS_EACCESS :
 ?C: This symbol, if defined, indicates that the eaccess routine is
 ?C: available to do extended access checks.
 ?C:.
 ?H:#\$d_eaccess HAS_EACCESS /**/
 ?H:.
 ?LINT:set d_eaccess
 : see if eaccess exists
 set eaccess d_eaccess
 eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/d_eaccess.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_scannl.U,v 3.0.1.2 1997/02/28 15:41:27 ram Exp \$
 ?RCS:
 ?RCS: Copyright (c) 1991-1993, Raphael Manfredi
 ?RCS:
 ?RCS: You may redistribute only under the terms of the Artistic License,
 ?RCS: as specified in the README file that comes with the distribution.
 ?RCS: You may reuse parts of this distribution only within the terms of
 ?RCS: that same Artistic License; a copy of which may be found at the root
 ?RCS: of the source tree for dist 3.0.
 ?RCS:
 ?RCS: \$Log: d_scannl.U,v \$
 ?RCS: Revision 3.0.1.2 1997/02/28 15:41:27 ram
 ?RCS: patch61: added ?F: metalint hint
 ?RCS:
 ?RCS: Revision 3.0.1.1 1995/07/25 13:59:12 ram
 ?RCS: patch56: made cc and ccflags optional dependencies
 ?RCS:
 ?RCS: Revision 3.0 1993/08/18 12:07:00 ram
 ?RCS: Baseline for dist 3.0 netwide release.
 ?RCS:
 ?X:
 ?X: Does the scanf routine read "\n" correctly ? This is was not


```

?X: the case on AIX...
?X:
?MAKE:d_scannl: cat rm Setvar Compile run
?MAKE: -pick
add $@ %<
?S:d_scannl:
?S: This variable conditionally defines SCAN_NL, which indicates
?S: whether the C library routines scanf() and friends can deal with
?S: a '\n' in the input correctly. They do most of the time.
?S:.
?C:SCAN_NL:
?C: This symbol is defined if the C library routines scanf() and friends
?C: can deal with a '\n' in the input correctly, so that you can say
?C: scanf("%d\n"); instead of scanf("%d"); getc(c); to handle the '\n'.
?C:.
?H:#$d_scannl SCAN_NL /* scanf("%d\n") works */
?H:.
?F:!try
?LINT:set d_scannl
: does scanf handle "\n" correctly ?
echo " "
val="$define"
?X: I really want to say "\n" instead of '\n', because I am referring
?X: to the string given as argument to scanf().
echo 'Let''''s see if scanf() handles "\n" correctly...' >&4
$cat >try.c <<'EOCP'
int main()
{
int i = 0, j = 0;
scanf("%d\n%d", &i, &j);
if (j != 3)
exit(1);
exit(0);
}
EOCP
set try
if eval $compile_ok; then
if $run ./try <<'EOD'
2
3
EOD
then
echo "Yes, it does."
else
echo
"No, it doesn't."
val="$undef"
fi

```

```
else
  echo "(I can't seem to compile the test program. Assuming it does.)"
fi
set d_scannl
eval $setvar
$rm -f try.* try
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_scannl.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_nextafter: Inlibc

?MAKE: -pick add \$@ %<

?S:d_nextafter:

?S: This variable conditionally defines HAS_NEXTAFTER if nextafter()

?S: is available to return the next machine representable double from

?S: x in direction y.

?S:.

?C:HAS_NEXTAFTER:

?C: This symbol, if defined, indicates that the nextafter routine is

?C: available to return the next machine representable double from

?C: x in direction y.

?C:.

?H:#\$d_nextafter HAS_NEXTAFTER /**/

?H:.

?LINT:set d_nextafter

: see if nextafter exists

set nextafter d_nextafter

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nextafter.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getwd.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

```

?RCS:
?RCS: $Log: d_getwd.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:18 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getwd: Csym Setvar
?MAKE: -pick add $@ %<
?S:d_getwd:
?S: This variable conditionally defines HAS_GETWD if getwd() is
?S: available to get working directory. If not, you should
?S: probably use getcwd().
?S:.
?C:HAS_GETWD (GETWD):
?C: This symbol, if defined, indicates that the getwd routine is
?C: available to get working directory.
?C: If not, you should
?C: probably use getcwd().
?C:.
?H:#$d_getwd HAS_GETWD /**/
?H:.
?LINT:set d_getwd
: see if getwd exists
echo " "
if set getwd val -f d_getwd; eval $csym; $val; then
echo 'getwd() found.' >&4
val="$define"
else
echo 'getwd() not found. Assuming getcwd() exists.' >&4
val="$undef"
fi
set d_getwd
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getwd.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Obsol_sh.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:

```

```

?RCS: $Log: Obsol_sh.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:11 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This file is prepended to .MT/Obsol_sh if that file is not empty. That file
?X: contains the necessary mappings of new symbols to obsolete ones.
?X:
?MAKE:Obsol_sh:
?MAKE: -pick prepend $@ ./Obsol_sh
?LINT:nocomment
#
# The following symbols are obsolete. They are mapped to the the new
# symbols only to ease the transition process.
# The sources should be
# updated so as to use the new symbols only, since supporting of those
# obsolete symbols may end without notice.
#

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/Obsol_sh.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: otherlibdirs.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999-2000, Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: otherlibdirs.U,v $
?RCS: Revision 1.1 1999/07/08 18:32:57 doughera
?RCS: Initial revision
?RCS:
?RCS: Revision 1.1 1999/07/08 18:20:26 doughera
?RCS: Initial revision
?RCS:
?RCS:
?MAKE:otherlibdirs d_perl_otherlibdirs: Myread cat sitelib sitearch \
vendorarch vendorlib Setvar
?MAKE: -pick add $@ %<
?Y:TOP
?S:otherlibdirs:
?S: This variable contains a colon-separated set of paths for the perl

```

```

?S: binary to search for additional library files
or modules.
?S: These directories will be tacked to the end of @INC.
?S: Perl will automatically search below each path for version-
?S: and architecture-specific directories. See inc_version_list
?S: for more details.
?S: A value of '' means 'none' and is used to preserve this value
?S: for the next run through Configure.
?S:.
?S:d_perl_otherlibdirs:
?S: This variable conditionally defines PERL_OTHERLIBDIRS, which
?S: contains a colon-separated set of paths for the perl binary to
?S: include in @INC. See also otherlibdirs.
?S:.
?C:PERL_OTHERLIBDIRS:
?C: This variable contains a colon-separated set of paths for the perl
?C: binary to search for additional library files or modules.
?C: These directories will be tacked to the end of @INC.
?C: Perl will automatically search below each path for version-
?C: and architecture-specific directories. See PERL_INC_VERSION_LIST
?C: for more details.
?C:.
?H:#$d_perl_otherlibdirs PERL_OTHERLIBDIRS "$otherlibdirs" /**/
?H:.
?LINT: set d_perl_otherlibdirs
:
Final catch-all directories to search
$cat <<EOM

```

Lastly, you can have perl look in other directories for extensions and modules in addition to those already specified.

These directories will be searched after

```
$sitearch
```

```
$sitelib
```

```
EOM
```

```
test X"$vendorlib" != "X" && echo '' $vendorlib
```

```
test X"$vendorarch" != "X" && echo '' $vendorarch
```

```
echo ''
```

```
case "$otherlibdirs" in
```

```
"|' ) dflt='none' ;;
```

```
*) dflt="$otherlibdirs" ;;
```

```
esac
```

```
$cat <<EOM
```

Enter a colon-separated set of extra paths to include in perl's @INC search path, or enter 'none' for no extra paths.

```
EOM
```

```

rp='Colon-separated list of additional directories for perl to search?'
. ./myread
case "$ans" in
'|"|none) otherlibdirs=' ' ' ;;
*) otherlibdirs="$ans" ;;
esac
case "$otherlibdirs" in
'|') val=$undef ;;
*) val=$define ;;
esac
set d_perl_otherlibdirs
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/otherlibdirs.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_socket.U,v 3.0.1.2 1997/02/28 15:46:00 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_socket.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:46:00 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:08:04 ram
?RCS: patch16: can now safely declare private nm_extract in dependencies
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:26 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_socket d_oldsock d_sockpair socketlib sockethdr \
d_msg_trunc d_msg_dontroute d_msg_oob d_msg_peek
d_msg_proxy \
d_scm_rights d_sockaddr_sa_len d_sockaddr_in6 d_sin6_scope_id \
d_ip_mreq d_ip_mreq_source d_ipv6_mreq d_ipv6_mreq_source: \
contains echo n c ar nm nm_opt nm_extract Inlibc Csym _a \
Compile cat rm_try Setvar Hasfield sysroot
?MAKE: -pick add $@ %<
?S:d_socket:
?S: This variable conditionally defines HAS_SOCKET, which indicates

```

?S: that the BSD socket interface is supported.

?S:.

?S:d_sockpair:

?S: This variable conditionally defines the HAS_SOCKETPAIR symbol, which

?S: indicates that the BSD socketpair() is supported.

?S:.

?S:d_oldsock:

?S: This variable conditionally defines the OLDSOCKET symbol, which

?S: indicates that the BSD socket interface is based on 4.1c and not 4.2.

?S:.

?S:d_msg_ctrunc:

?S: This variable conditionally defines the HAS_MSG_CTRUNC symbol,

?S: which indicates that the MSG_CTRUNC is available. #ifdef is

?S: not enough because it may be an enum, glibc has been known to do this.

?S:.

?S:d_msg_dontroute:

?S: This variable conditionally defines

the HAS_MSG_DONTRROUTE symbol,

?S: which indicates that the MSG_DONTRROUTE is available. #ifdef is

?S: not enough because it may be an enum, glibc has been known to do this.

?S:.

?S:d_msg_oob:

?S: This variable conditionally defines the HAS_MSG_OOB symbol,

?S: which indicates that the MSG_OOB is available. #ifdef is

?S: not enough because it may be an enum, glibc has been known to do this.

?S:.

?S:d_msg_peek:

?S: This variable conditionally defines the HAS_MSG_PEEK symbol,

?S: which indicates that the MSG_PEEK is available. #ifdef is

?S: not enough because it may be an enum, glibc has been known to do this.

?S:.

?S:d_msg_proxy:

?S: This variable conditionally defines the HAS_MSG_PROXY symbol,

?S: which indicates that the MSG_PROXY is available. #ifdef is

?S: not enough because it may be an enum, glibc has been known to do this.

?S:.

?S:d_scm_rights:

?S: This variable conditionally defines the HAS_SCM_RIGHTS symbol,

?S: which indicates that the SCM_RIGHTS is available. #ifdef is

?S: not

enough because it may be an enum, glibc has been known to do this.

?S:.

?S:d_sockaddr_sa_len:

?S: This variable conditionally defines the HAS_SOCKADDR_SA_LEN symbol,

?S: which indicates that a struct sockaddr structure has the sa_len

?S: member.

?S:.

?S:d_sockaddr_in6:

?S: This variable conditionally defines the HAS_SOCKADDR_IN6 symbol, which
 ?S: indicates the availability of a struct sockaddr_in6.
 ?S:.
 ?S:d_sin6_scope_id:
 ?S: This variable conditionally defines the HAS_SIN6_SCOPE_ID symbol, which
 ?S: indicates that a struct sockaddr_in6 structure has the sin6_scope_id
 ?S: member.
 ?S:.
 ?S:d_ip_mreq:
 ?S: This variable conditionally defines the HAS_IP_MREQ symbol, which
 ?S: indicates the availability of a struct ip_mreq.
 ?S:.
 ?S:d_ip_mreq_source:
 ?S: This variable conditionally defines the HAS_IP_MREQ_SOURCE symbol,
 ?S: which indicates the availability of a struct ip_mreq_source.
 ?S:.
 ?S:d_ipv6_mreq:
 ?S: This variable conditionally defines the HAS_IPV6_MREQ symbol, which
 ?S: indicates
 the availability of a struct ipv6_mreq.
 ?S:.
 ?S:d_ipv6_mreq_source:
 ?S: This variable conditionally defines the HAS_IPV6_MREQ_SOURCE symbol,
 ?S: which indicates the availability of a struct ipv6_mreq_source.
 ?S:.
 ?S:socketlib:
 ?S: This variable has the names of any libraries needed for socket support.
 ?S:.
 ?S:sockethdr:
 ?S: This variable has any cpp '-I' flags needed for socket support.
 ?S:.
 ?C:HAS_SOCKET (SOCKET):
 ?C: This symbol, if defined, indicates that the BSD socket interface is
 ?C: supported.
 ?C:.
 ?C:HAS_SOCKETPAIR (SOCKETPAIR):
 ?C: This symbol, if defined, indicates that the BSD socketpair() call is
 ?C: supported.
 ?C:.
 ?C:USE_OLD_SOCKET (OLDSOCKET):
 ?C: This symbol, if defined, indicates that the 4.1c BSD socket interface
 ?C: is supported instead of the 4.2/4.3 BSD socket interface. For instance,
 ?C: there is no setsockopt() call.
 ?C:.
 ?C:HAS_MSG_CTRUNC:
 ?C: This symbol, if defined, indicates that the MSG_CTRUNC is supported.
 ?C: Checking just with #ifdef might not be enough

because this symbol

?C: has been known to be an enum.

?C:.

?C:HAS_MSG_DONTRROUTE:

?C: This symbol, if defined, indicates that the MSG_DONTRROUTE is supported.

?C: Checking just with #ifdef might not be enough because this symbol

?C: has been known to be an enum.

?C:.

?C:HAS_MSG_OOB:

?C: This symbol, if defined, indicates that the MSG_OOB is supported.

?C: Checking just with #ifdef might not be enough because this symbol

?C: has been known to be an enum.

?C:.

?C:HAS_MSG_PEEK:

?C: This symbol, if defined, indicates that the MSG_PEEK is supported.

?C: Checking just with #ifdef might not be enough because this symbol

?C: has been known to be an enum.

?C:.

?C:HAS_MSG_PROXY:

?C: This symbol, if defined, indicates that the MSG_PROXY is supported.

?C: Checking just with #ifdef might not be enough because this symbol

?C: has been known to be an enum.

?C:.

?C:HAS_SCM_RIGHTS:

?C: This symbol, if defined, indicates that the SCM_RIGHTS is supported.

?C: Checking just with #ifdef might not be enough

because this symbol

?C: has been known to be an enum.

?C:.

?C:HAS_SOCKADDR_SA_LEN:

?C: This symbol, if defined, indicates that the struct sockaddr

?C: structure has a member called sa_len, indicating the length of

?C: the structure.

?C:.

?C:HAS_SOCKADDR_IN6:

?C: This symbol, if defined, indicates the availability of

?C: struct sockaddr_in6;

?C:.

?C:HAS_SIN6_SCOPE_ID:

?C: This symbol, if defined, indicates that the struct sockaddr_in6

?C: structure has a member called sin6_scope_id.

?C:.

?C:HAS_IP_MREQ:

?C: This symbol, if defined, indicates the availability of

?C: struct ip_mreq;

?C:.

?C:HAS_IP_MREQ_SOURCE:

?C: This symbol, if defined, indicates the availability of

```

?C: struct ip_mreq_source;
?C:.
?C:HAS_IPV6_MREQ:
?C: This symbol, if defined, indicates the availability of
?C: struct ipv6_mreq;
?C:.
?C:HAS_IPV6_MREQ_SOURCE:
?C: This symbol, if defined, indicates the availability of
?C: struct ipv6_mreq_source;
?C:.
?H:#$d_socket HAS_SOCKET /**/
?H:#$d_sockpair HAS_SOCKETPAIR /**/
?H:#$d_sockaddr_sa_len HAS_SOCKADDR_SA_LEN /**/
?H:#$d_oldsock USE_OLD_SOCKET /**/
?H:#$d_msg_ctrunc HAS_MSG_CTRUNC /**/
?H:#$d_msg_dontroute HAS_MSG_DONTRROUTE /**/
?H:#$d_msg_oob HAS_MSG_OOB /**/
?H:#$d_msg_peek HAS_MSG_PEEK /**/
?H:#$d_msg_proxy HAS_MSG_PROXY /**/
?H:#$d_scm_rights HAS_SCM_RIGHTS /**/
?H:#$d_sockaddr_in6 HAS_SOCKADDR_IN6 /**/
?H:#$d_sin6_scope_id HAS_SIN6_SCOPE_ID /**/
?H:#$d_ip_mreq HAS_IP_MREQ /**/
?H:#$d_ip_mreq_source HAS_IP_MREQ_SOURCE /**/
?H:#$d_ipv6_mreq HAS_IPV6_MREQ /**/
?H:#$d_ipv6_mreq_source HAS_IPV6_MREQ_SOURCE /**/
?H:.
?T:val
net ENUM enum
?LINT:set d_sockpair d_sockaddr_sa_len
?LINT:set d_msg_ctrunc d_msg_dontroute d_msg_oob d_msg_peek d_msg_proxy
?LINT:set d_scm_rights d_sockaddr_in6 d_sin6_scope_id d_ip_mreq
?LINT:set d_ip_mreq_source d_ipv6_mreq d_ipv6_mreq_source
: see whether socket exists
socketlib="
sockethdr="
echo " "
$echo $n "Hmm... $c" >&4
if set socket val -f d_socket; eval $csym; $val; then
    echo "Looks like you have Berkeley networking
support." >&4
    d_socket="$define"
?X: now check for advanced features
    if set setsockopt val -f; eval $csym; $val; then
d_oldsock="$undef"
    else
echo "...but it uses the old BSD 4.1c interface, rather than 4.2." >&4
d_oldsock="$define"

```

```

fi
else
?X: HP-UX, for one, puts all the socket stuff in socklib.o. Note that if we
?X: come here on HP-UX, then we must have used nm to get symbols, or we really
?X: don't have sockets anyway...
    if $contains socklib libc.list >/dev/null 2>&1; then
    echo "Looks like you have Berkeley networking support." >&4
    d_socket="$define"
: we will have to assume that it supports the 4.2 BSD interface
    d_oldsock="$undef"
    else
    echo "You don't have Berkeley networking in libc$_a..." >&4
?X: look for optional networking libraries
    if test "X$d_socket" = "X$define"; then
        echo "...but you seem to believe that you have sockets." >&4
    else
        for net in net socket
        do
            if test -f $sysroot/usr/lib/lib$net$_a; then
?X: space between two
            '(' needed for ksh
            ( ($nm $nm_opt $sysroot/usr/lib/lib$net$_a | eval $nm_extract) || \
            $ar t $sysroot/usr/lib/lib$net$_a) 2>/dev/null >> libc.list
            if $contains socket libc.list >/dev/null 2>&1; then
            d_socket="$define"
            socketlib="-l$net"
            case "$net" in
            net)
                echo "...but the Wollongong group seems to have hacked it in." >&4
                sockethdr="-I$sysroot/usr/netinclude"
                ;;
            esac
            echo "Found Berkeley sockets interface in lib$net." >&4
?X: now check for advanced features
            if $contains setsockopt libc.list >/dev/null 2>&1; then
                d_oldsock="$undef"
            else
                echo "...using the old BSD 4.1c interface, rather than 4.2." >&4
                d_oldsock="$define"
            fi
        done
        break
    fi
fi
done
if test "X$d_socket" != "X$define"; then
    echo "or anywhere else I see." >&4
    d_socket="$undef"
    d_oldsock="$undef"

```

```

    fi
fi
    fi
fi

@if HAS_SOCKETPAIR || d_socketpair
: see if socketpair exists
set socketpair d_socketpair
eval
$inlibc

@end

echo " "
?X: ...
echo "Checking the availability sa_len in the sock struct ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
int main() {
struct sockaddr sa;
return (sa.sa_len);
}
EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi
set d_sockaddr_sa_len; eval $setvar
$rm_try

echo " "
?X: ...
echo "Checking the availability struct sockaddr_in6 ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct sockaddr_in6 sin6;
return (sin6.sin6_family);
}
EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi
set d_sockaddr_in6; eval $setvar

```

```

$rm_try

echo " "
?X: ...
echo "Checking the availability sin6_scope_id in struct sockaddr_in6 ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct sockaddr_in6 sin6;
return (sin6.sin6_scope_id);
}
EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi
set
d_sin6_scope_id; eval $setvar
$rm_try

```

```

echo " "
?X: ...
echo "Checking the availability struct ip_mreq ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct ip_mreq mreq;
return (mreq.imr_multiaddr.s_addr);
}
EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi
set d_ip_mreq; eval $setvar
$rm_try

```

```

echo " "
?X: ...
echo "Checking the availability struct ip_mreq_source ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>

```

```

int main() {
struct ip_mreq_source mreq;
return (mreq.imr_multiaddr.s_addr);
}
EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi
set d_ip_mreq_source; eval $setvar
$rm_try

echo " "
?X: ...
echo "Checking the availability struct ipv6_mreq ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct ipv6_mreq mreq;
return (mreq.ipv6mr_interface);
}
EOF
val="$undef"
set
try; if eval $compile; then
    val="$define"
fi
set d_ipv6_mreq; eval $setvar
$rm_try

echo " "
?X: ...
echo "Checking the availability struct ipv6_mreq_source ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct ipv6_mreq_source mreq;
return (mreq.imr_multiaddr.s_addr);
}
EOF
val="$undef"
set try; if eval $compile; then
    val="$define"
fi

```

```

set d_ipv6_mreq_source; eval $setvar
$rm_try

echo " "
?X: these constants are known to be troublesomely defined as enums
?X: so that ifdef will not work for detecting their presence.
echo "Checking the availability of certain socket constants..." >&4
for ENUM in MSG_CTRUNC MSG_DONTROUTE MSG_OOB MSG_PEEK MSG_PROXY SCM_RIGHTS; do
  enum=`$echo $ENUM|./tr '[A-Z]' '[a-z]'`
  $cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
int main() {
  int i = $ENUM;
}
EOF
  val="$undef"
  set try; if eval $compile; then
val="$define"
  fi
  set d_{$enum};
eval $setvar
  $rm_try
done

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_socket.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: h_sysfile.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: h_sysfile.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:13 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:h_sysfile: Nothing
?MAKE: -pick add $@ %<
?S:h_sysfile:
?S: This is variable gets set in various places to tell i_sys_file that

```

?S: <sys/file.h> should be included.

?S:.

: Initialize h_sysfile

h_sysfile=false

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/h_sysfile.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_rmdir.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_rmdir.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:56 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_rmdir: Inlibc

?MAKE: -pick add \$@ %<

?S:d_rmdir:

?S: This variable conditionally defines HAS_RMDIR if rmdir() is

?S: available to remove directories.

?S:.

?C:HAS_RMDIR (RMDIR):

?C: This symbol, if defined, indicates that the rmdir routine is

?C: available to remove directories. Otherwise you should fork off a

?C: new process to exec

/bin/rmdir.

?C:.

?H:#\$d_rmdir HAS_RMDIR /**/

?H:.

?LINT:set d_rmdir

: see if rmdir exists

set rmdir d_rmdir

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_rmdir.U

No license file was found, but licenses were detected in source scan.


```

?RCS: $Id: i_string.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_string.U,v $
?RCS: Revision 3.0.1.2 1993/10/16 13:50:12 ram
?RCS: patch12: special units Loc and Guess were missing from dependencies
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:07:26 ram
?RCS: patch10: removed "(Actually, this looks more like...)" messages (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:28 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: See if we should include <string.h> or <strings.h>
?X:
?MAKE:i_string strings:
test Setvar Findhdr Warn
?MAKE: -pick add $@ %<
?S:i_string:
?S: This variable conditionally defines the I_STRING symbol, which
?S: indicates that <string.h> should be included rather than <strings.h>.
?S:.
?S:strings:
?S: This variable holds the full path of the string header that will be
?S: used. Typically /usr/include/string.h or /usr/include/strings.h.
?S:.
?C:I_STRING:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <string.h> (USG systems) instead of <strings.h> (BSD systems).
?C:.
?H:#$i_string I_STRING /**/
?H:.
?LINT:set i_string
: see which of string.h or strings.h is needed
echo " "
strings=`./findhdr string.h`
if $test "$strings" && $test -r "$strings"; then
echo "Using <string.h> instead of <strings.h>." >&4
val="$define"
else

```

```

val="$undef"
strings=`./findhdr strings.h`
if $test "$strings" && $test -r "$strings"; then
  echo "Using <strings.h> instead of <string.h>." >&4
else
  ./warn "No string header found -- You'll surely
  have problems."
fi
fi
set i_string
eval $setvar
case "$i_string" in
"$undef") strings=`./findhdr strings.h`;;
*) strings=`./findhdr string.h`;;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_string.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_getgrent.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS: \$Log: d_getgrent.U,v \$

?RCS:

?MAKE:d_getgrent: Inlibc

?MAKE: -pick add \$@ %<

?S:d_getgrent:

?S: This variable conditionally defines the HAS_GETGRENТ symbol, which

?S: indicates to the C program that the getgrent() routine is available

?S: for sequential access of the group database.

?S:.

?C:HAS_GETGRENТ:

?C: This symbol, if defined, indicates that the getgrent routine is

?C: available for sequential access of the group database.

?C:.

?H:#\$d_getgrent HAS_GETGRENТ /**/

?H:.

?LINT:set d_getgrent

: see if getgrent exists

set getgrent d_getgrent

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getgrent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_mntent.U,v \$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_mntent: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_mntent:

?S: This variable conditionally defines the I_MNTENT symbol, and indicates

?S: whether a C program should include <mntent.h>.

?S:.

?C:I_MNTENT:

?C: This symbol, if defined, indicates that <mntent.h> exists and

?C: should be included.

?C:.

?H:#\$i_mntent I_MNTENT /**/

?H:.

?LINT:set i_mntent

: see if this is a mntent.h system

set mntent.h i_mntent

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_mntent.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Finish.U,v \$

?RCS: Revision 3.0.1.6 1995/02/15 14:09:30 ram

?RCS: patch51: now clearer about how to edit config.sh at the prompt (WED)

?RCS:

?RCS: Revision 3.0.1.5 1994/10/29 15:53:14 ram
 ?RCS: patch36: added ?F: line for metalint file checking
 ?RCS:
 ?RCS: Revision 3.0.1.4 1994/05/06 14:19:37 ram
 ?RCS: patch23: added blank lines around 'End of Configure'
 ?RCS:
 ?RCS: Revision 3.0.1.3 1993/10/16 13:46:09 ram
 ?RCS: patch12: replaced Config_h by Magic_h in the dependency line
 ?RCS:
 ?RCS:
 Revision 3.0.1.2 1993/09/13 15:45:26 ram
 ?RCS: patch10: fixed shell evaluation w/o shell escape while in silent mode
 ?RCS:
 ?RCS: Revision 3.0.1.1 1993/08/30 08:55:59 ram
 ?RCS: patch8: prevents myread from blocking on empty answers, exceptionally
 ?RCS:
 ?RCS: Revision 3.0 1993/08/18 12:04:55 ram
 ?RCS: Baseline for dist 3.0 netwide release.
 ?RCS:
 ?X:
 ?X: This unit is the very last one in the Configure script. It runs all the
 ?X: SH files, which among other things produce config.h and (usually) Makefile.
 ?X: It offers to do a make depend if the Makefile contains that target.
 ?X:
 ?MAKE:Finish: Chk_MANI Extract Myread Oldsym Magic_h cat rm contains \
 test package make
 ?MAKE: -pick add \$@ %<
 ?F:!config.sh
 ?T:pwd
 : Finish up by extracting the .SH files
 case "\$alldone" in
 exit)
 ?X: They supplied the -E switch
 echo "Stopping at your request, leaving temporary files around."
 exit 0
 ;;
 cont)
 ;;
 ")
 dflt="
 nostick=true
 \$cat <<EOM

If you'd like to make any changes to the config.sh
 file before I begin
 to configure things, do it as a shell escape now (e.g. !vi config.sh).

EOM

```
rp="Press return or use a shell escape to edit config.sh:"
```

```
. UU/myread
```

```
nostick="
```

```
case "$ans" in
```

```
) ;;
```

```
*) : in case they cannot read
```

```
sh 1>&4 -c "$ans";;
```

```
esac
```

```
;;
```

```
esac
```

: if this fails, just run all the .SH files by hand

```
./config.sh
```

```
?X:
```

?X: Turn silent mode off from now on (we want a verbose file extraction).

?X: This means we have to explicitly test for '\$silent' from now on to

?X: strip off any verbose messages.

```
?X:
```

```
echo " "
```

```
exec 1>&4
```

```
pwd=`pwd`
```

```
./UU/extract
```

```
cd "$pwd"
```

```
if $contains '^depend:' [Mm]akefile >/dev/null 2>&1; then
```

```
dfilt=y
```

```
case "$silent" in
```

```
true) ;;
```

```
*)
```

```
$cat <<EOM
```

Now you need to generate make dependencies by running "\$make depend".

You might prefer to run it in background: "\$make depend > makedepend.out &"

It can take a while, so you might not want to run it right now.

```
EOM
```

```
;;
```

```
esac
```

```
rp="Run $make depend now?"
```

```
. UU/myread
```

```
case "$ans" in
```

```
y*)
```

```
$make depend
```

```
&& echo "Now you must run '$make'."
```

```
;;
```

```
*)
```

```
echo "You must run '$make depend' then '$make'."
```

```

;;
esac
elif test -f [Mm]akefile; then
echo " "
echo "Now you must run a $make."
else
echo "Configure done."
fi

```

```

if $test -f Policy.sh; then
$cat <<EOM

```

If you compile \$package on a different machine or from a different object directory, copy the Policy.sh file from this object directory to the new one before you run Configure -- this will help you with most of the policy defaults.

```

EOM

```

```

fi

```

```

if $test -f UU/config.msg; then
echo "Hmm. I also noted the following information while running:"
echo " "
$cat UU/config.msg >&4

```

```

fi

```

```

?X:

```

```

?X: kit*isdone files are left over by shell archives built using the makedist
?X: script which comes from dist, while ark*isdone files are left over by
?X: the cshar archive maker.

```

```

?X:

```

```

$rm -f kit*isdone ark*isdone
$rm -rf UU

```

```

: End of Configure

```

```

Found in path(s):

```

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Finish.U

```

```

No license file was found, but licenses were detected in source scan.

```

```

?RCS: $Id: usethreads.U,v $

```

```

?RCS:

```

```

?RCS: Copyright (c) 1998-2000 Andy Dougherty

```

```

?RCS:

```

```

?RCS: You may distribute under the terms of either the GNU General Public

```

```

?RCS: License or the Artistic License, as specified in the README file.

```

```

?RCS:

```

```

?RCS: $Log: usethreads.U,v $

```

```

?RCS:

```

?MAKE:usethreads useithreads use5005threads d_oldpthreads usereentrant: \

Myread Oldconfig Setvar test cat patchlevel

?MAKE: -pick add \$@ %<

?Y:TOP

?S:usethreads:

?S: This variable conditionally defines the USE_THREADS symbol,

?S: and indicates that Perl should be built to use threads.

?S:.

?S:useithreads:

?S: This variable conditionally defines the USE_ITHREADS symbol,

?S: and indicates that Perl should be built to use the interpreter-based

?S: threading implementation.

?S:.

?S:use5005threads:

?S: This variable conditionally defines the USE_5005THREADS symbol,

?S: and indicates that Perl should be built to use the 5.005-based

?S: threading implementation.

Only valid up to 5.8.x.

?S:.

?X: I'm putting old_pthreads in this unit because it might eventually

?X: be part of an automatic determination to see if we can use threads

?X: at all.

?S:d_oldpthreads:

?S: This variable conditionally defines the OLD_PTHREADS_API symbol,

?S: and indicates that Perl should be built to use the old

?S: draft POSIX threads API. This is only potentially meaningful if

?S: usethreads is set.

?S:.

?S:usereentrant:

?S: This variable conditionally defines the USE_REENTRANT_API symbol,

?S: which indicates that the thread code may try to use the various

?S: _r versions of library functions. This is only potentially

?S: meaningful if usethreads is set and is very experimental, it is

?S: not even prompted for.

?S:.

?C:USE_ITHREADS:

?C: This symbol, if defined, indicates that Perl should be built to

?C: use the interpreter-based threading implementation.

?C:.

?C:USE_5005THREADS:

?C: This symbol, if defined, indicates that Perl should be built to

?C: use the 5.005-based

threading implementation.

?C: Only valid up to 5.8.x.

?C:.

?C:USE_THREADS:

?C: This symbol, if defined, indicates that Perl should

?C: be built to use threads. At present, it is a synonym for

?C: USE_5005THREADS for perl older than 5.8 and USE_ITHREADS
?C: for 5.8.x and newer, but eventually the source ought to be
?C: changed to use this to mean `_any_` threading implementation.
?C:.
?C:OLD_PTHREADS_API:
?C: This symbol, if defined, indicates that Perl should
?C: be built to use the old draft POSIX threads API.
?C:.
?C:USE_REENTRANT_API:
?C: This symbol, if defined, indicates that Perl should
?C: try to use the various `_r` versions of library functions.
?C: This is extremely experimental.
?C:.
?H:#\$use5005threads USE_5005THREADS /**/
?H:#\$useithreads USE_ITHREADS /**/
?H:?%<:#if defined(USE_5005THREADS) && !defined(USE_ITHREADS)
?H:?%<:#define USE_THREADS /* until src is revised*/
?H:?%<:#endif
?H:#\$d_oldpthreads OLD_PTHREADS_API /**/
?H:#\$usereentrant USE_REENTRANT_API /**/
?H:.
?X:
[hmb] Removed LINT for use5005threads, useithreads, and
?X: useentrant, as LINT is only run on blead
?LINT:set usethreads d_oldpthreads
?INIT:: set usethreads on the Configure command line to enable threads.
?INIT:usereentrant='undef'
?F:!usethreads.cbu
: Do we want threads support and if so, what type
?X: We should really have some explanatory text here, and some
?X: automatic setting of sensible defaults.
case "\$usethreads" in
\$define|true|[yY]*) dflt='y';;
*) # Catch case where user specified ithreads or 5005threads but
forgot -Dusethreads (A.D. 4/2002)
case "\$useithreads\$use5005threads" in
\$define) dflt='y';;
*) dflt='n';;
esac
;;
esac
cat <<EOM

Perl can be built to offer a form of threading support on some systems
To do so, Configure can be run with `-Dusethreads`.

Note that Perl built with threading support runs slightly slower
and uses slightly more memory than plain Perl.

If this doesn't make
any sense to you, just accept the default '\$dflt'.

EOM

```
rp='Build a threading Perl?'
```

```
./myread
```

```
case "$ans" in
```

```
y|Y) val="$define" ;;
```

```
*) val="$undef" ;;
```

```
esac
```

```
set usethreads
```

```
eval $setvar
```

```
if $test $patchlevel -lt 9; then
```

```
case "$usethreads" in
```

```
$define)
```

```
: Default to ithreads unless overridden on command line or with
```

```
: old config.sh
```

```
dflt='y'
```

```
case "$use5005threads" in
```

```
$define|true|[yY]*)
```

```
echo "5.005 threads are no longer supported"
```

```
exit 1
```

```
::
```

```
esac
```

```
case "$useithreads" in
```

```
$undef|false|[nN]*) dflt='n';;
```

```
esac
```

```
rp='Use the newer interpreter-based ithreads?'
```

```
./myread
```

```
case "$ans" in
```

```
y|Y) val="$define" ;;
```

```
*) val="$undef" ;;
```

```
esac
```

```
set useithreads
```

```
eval $setvar
```

```
: Now set use5005threads to the opposite value.
```

```
case "$useithreads" in
```

```
$define) val="$undef" ;;
```

```
*) val="$define" ;;
```

```
esac
```

```
set use5005threads
```

```
eval $setvar
```

```
::
```

```
*)
```

```
useithreads="$undef"
```

```
use5005threads="$undef"
```

```
::
```

```
esac
```

?X: This is not supposed to be possible but with some trickery, maybe.

```
case "$useithreads$use5005threads" in
"$define$define")
$cat >&4 <<EOM
```

You cannot have both the ithreads and the 5.005 threads enabled at the same time. Disabling the 5.005 threads since they are much less stable than the ithreads.

```
EOM
```

```
use5005threads="$undef"
;;
esac
```

```
else
```

```
: perl-5.9.x and later
```

```
if test X"$usetthreads" = "X$define"; then
case "$use5005threads" in
$define|true|[yY]*)
$cat >&4 <<EOM
```

5.005 threads has been removed for 5.10. Perl will be built using ithreads.

```
EOM
```

```
;;
esac
fi
```

```
use5005threads="$undef"
useithreads="$usetthreads"
fi
```

?X: Check out what kind of threads API we have

```
case "$d_oldpthreads" in
") : Configure tests would be welcome here. For now, assume undef.
val="$undef" ;;
*) val="$d_oldpthreads" ;;
esac
set d_oldpthreads
eval $setvar
```

?X: In general, -lpthread needs to come before -lc but after other

?X: libraries such as -lgdbm and such like. We assume here that -lc

?X: is present in libswanted. If that

fails to be true, then this

?X: can be changed to add pthread to the very end of libswanted.

```
: Look for a hint-file generated 'call-back-unit'. If the
: user has specified that a threading perl is to be built,
: we may need to set or change some other defaults.
if $test -f usethreads.cbu; then
    echo "Your platform has some specific hints regarding threaded builds, using them..."
    . ./usethreads.cbu
else
    case "$usethreads" in
"$define"|true|[yY]*)
    $cat <<EOM
(Your platform does not have any specific hints for threaded builds.
Assuming POSIX threads, then.)
EOM
;;
    esac
fi
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/usethreads.U
```

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```
?RCS: $Id: d_bcmp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_bcmp.U,v $
?RCS: Revision 3.0.1.2 1993/10/16 13:47:52 ram
?RCS: patch12: added magic support for bcmp()
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 16:00:44 ram
?RCS: patch10: now only defines HAS_BCMP, no macro remap on memcmp (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:42 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_bcmp: Inlibc
?MAKE:-pick add $@ %<
?S:d_bcmp:
```

```
?S: This variable conditionally defines the HAS_BCMP symbol
if
?S: the bcmp() routine is available to compare strings.
?S:.
?C:HAS_BCMP:
?C: This symbol is defined if the bcmp() routine is available to
?C: compare blocks of memory.
?C:.
?H:#$d_bcmp HAS_BCMP /**/
?H:.
?M:bcmp: HAS_BCMP
?M:#ifndef HAS_BCMP
?M:#ifndef bcmp
?M:#define bcmp(s,d,l) memcmp((s),(d),(l))
?M:#endif
?M:#endif
?M:.
?LINT:set d_bcmp
: see if bcmp exists
set bcmp d_bcmp
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_bcmp.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: errnolist.U,v 3.0.1.2 1997/02/28 15:48:01 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: errnolist.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:48:01 ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: likewise for .o replaced by $_o
?RCS:
?RCS: Revision 3.0.1.1 1994/01/24 14:10:54 ram
?RCS: patch16: created
?RCS:
?MAKE:errnolist errnolist_SH errnolist_a errnolist_c errnolist_o: cat \
Compile +d_sysernlst_a_o
?MAKE: -pick add $@ %<
```

```

?S:errnolist:
?S: This variable holds the base name of a file containing the
?S: definition
of the sys_errnolist array, if the C library
?S: doesn't provide it already. Otherwise, its value is empty.
?S: The following lines should be included in your Makefile.SH:
?S:
?S: case "$serrnolist" in
?S: ") ;;
?S: *)
?S: $spitshell >>Makefile <<!GROK!THIS!
?S: $serrnolist_c: $serrnolist_SH $serrnolist_a
?S: sh ./$serrnolist_SH
?S:
?S: !GROK!THIS!
?S: ;;
?S: esac
?S:
?S: You may define the 'errnolist' variable in your Myinit.U if you
?S: wish to override its default value "errnolist".
?S:.
?S:errnolist_SH:
?S: This is the name of a file which will generate errnolistc.
?S:.
?S:errnolist_a:
?S: This is the name of the awk script called by errnolist_SH.
?S:.
?S:errnolist_c:
?S: This is the name of a generated C file which provides the
?S: definition of the sys_errnolist array.
?S:.
?S:errnolist_o:
?S: This is the name of the object file which provides the
?S: definition of the sys_errnolist array, if the C library
?S: doesn't provide it already. Otherwise, its value is
empty.
?S:.
?INIT:errnolist=errnolist
: check for sys_errnolist
@if d_sysernlst || HAS_SYS_ERRNOLIST
case "$d_sysernlst" in
"$define")
errnolist="
errnolist_SH="
errnolist_a="
errnolist_c="
errnolist_o="
;;

```

```

*)
echo " "
echo "I'll make sure your Makefile provides sys_errnolist in $errnolist.c"
  errnolist_SH=$errnolist.SH
  errnolist_a=$errnolist$_a
  errnolist_c=$errnolist.c
  errnolist_o=$errnolist$_o
;;
esac
@else
echo " "
$cat <<EOM
Checking to see if your C library provides us with sys_errnolist[...]
EOM
$cat >errnolist.c <<'EOCP'
extern char *sys_errnolist[];
int main() {
  char *p0 = sys_errnolist[0];
  char *p1 = sys_errnolist[1];

  return (p0 == p1); /* Make sure they're not optimized away */
}
EOCP
set errnolist
if eval $compile; then
  echo "It does."
  errnolist="
  errnolist_SH="
  errnolist_a="
  errnolist_c="
  errnolist_o="
else
echo "I'll make sure your Makefile provides sys_errnolist in $errnolist.c"
  errnolist_SH=$errnolist.SH
  errnolist_a=$errnolist$_a
  errnolist_c=$errnolist.c
  errnolist_o=$errnolist$_o
fi
@end

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/errnolist.U

```

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?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

```

?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_statfs_s: \
Hasstruct i_sysparam i_sysmount i_systypes \
i_sysvfs i_sysstatfs Setvar
?MAKE: -pick add $@ %<
?S:d_statfs_s:
?S: This variable conditionally defines the HAS_STRUCTURE_STATFS symbol,
?S: which indicates that the struct statfs is supported.
?S:.
?C:HAS_STRUCTURE_STATFS:
?C: This symbol, if defined, indicates that the struct statfs
?C: to do statfs() is supported.
?C:.
?H:#$d_statfs_s HAS_STRUCTURE_STATFS /**/
?H:.
?LINT:set d_statfs_s
: Check for statfs_s
echo " "
echo "Checking to see if your system supports struct statfs..." >&4
set d_statfs_s statfs $i_systypes sys/types.h $i_sysparam sys/param.h $i_sysmount sys/mount.h $i_sysvfs sys/vfs.h
$i_sysstatfs sys/statfs.h
eval $hasstruct
case "$d_statfs_s"
in
"$define") echo "Yes, it does." ;;
*) echo "No, it doesn't." ;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/d_statfs_s.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$

```

```

?RCS:

```

```

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

```

```

?RCS:

```

```

?RCS: You may redistribute only under the terms of the Artistic License,

```

```

?RCS: as specified in the README file that comes with the distribution.

```

```

?RCS: You may reuse parts of this distribution only within the terms of

```

```

?RCS: that same Artistic License; a copy of which may be found at the root

```

```

?RCS: of the source tree for dist 4.0.

```

```

?RCS:

```

```

?RCS: $Log: d_portable.U,v $

```

```

?RCS: Revision 3.0.1.2 1995/01/11 15:28:52 ram

```

```

?RCS: patch45: executable path stripping moved to the end in Config_sh.U
?RCS:
?RCS: Revision 3.0.1.1 1993/12/15 08:21:17 ram
?RCS: patch15: did not strip variables properly when needed
?RCS: patch15: now also strips down variables from trylist
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:48 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: The Loc unit is wanted to get the definition of all the locating variables.
?X:
?MAKE:d_portable:
cat Loc Myread Oldconfig
?MAKE: -pick add $@ %<
?S:d_portable:
?S: This variable conditionally defines the PORTABLE symbol, which
?S: indicates to the C program that it should not assume that it is
?S: running on the machine it was compiled on.
?S:.
?C:PORTABLE:
?C: This symbol, if defined, indicates to the C program that it should
?C: not assume that it is running on the machine it was compiled on.
?C: The program should be prepared to look up the host name, translate
?C: generic filenames, use PATH, etc.
?C:.
?H:#$d_portable PORTABLE /**/
?H:.
?D:d_portable="
: decide how portable to be
case "$d_portable" in
"$define") dflt=y;;
*) dflt=n;;
esac
$cat <<'EOH'

```

I can set things up so that your shell scripts and binaries are more portable, at what may be a noticable cost in performance. In particular, if you ask to be portable, the following happens:

- 1) Shell scripts will rely on the PATH variable rather than using the paths derived above.
- 2) ~username interpretations will be done at run time rather than by Configure.
@if PHOSTNAME
- 3) The system name will be determined at run time, if at all possible.
@end

EOH

```
rp="Do you expect to run these scripts and binaries on multiple machines?"
./myread
case "$ans" in
y*) d_portable="$define"
?X:
?X: Paths will be stripped down (/usr/bin/vi -> vi) in Config_sh.U if needed.
?X:
;;
*) d_portable="$undef" ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_portable.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

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?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: i_db.U,v \$

?RCS: Revision 3.0.1.3 1995/07/25 14:10:22 ram

?RCS: patch56: conditionally use const in test programs (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1995/05/12 12:14:42 ram

?RCS: patch54: extended for more intimate DB probing (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/08/29 16:21:50 ram

?RCS: patch32: created by ADO

?RCS:

?MAKE:i_db db_hashtype db_prefixtype: Inhdr +cc +ccflags rm_try contains cat \
d_const

?MAKE: -pick

add \$@ %<

?S:i_db:

?S: This variable conditionally defines the I_DB symbol, and indicates

?S: whether a C program may include Berkeley's DB include file <db.h>.

?S:.

?S:db_hashtype:
?S: This variable contains the type of the hash structure element
?S: in the <db.h> header file. In older versions of DB, it was
?S: int, while in newer ones it is u_int32_t.
?S:.

?S:db_prefixtype:
?S: This variable contains the type of the prefix structure element
?S: in the <db.h> header file. In older versions of DB, it was
?S: int, while in newer ones it is size_t.
?S:.

?C:I_DB:
?C: This symbol, if defined, indicates to the C program that it should
?C: include Berkeley's DB include file <db.h>.
?C:.

?C:DB_Prefix_t:
?C: This symbol contains the type of the prefix structure element
?C: in the <db.h> header file. In older versions of DB, it was
?C: int, while in newer ones it is u_int32_t.
?C:.

?C:DB_Hash_t:
?C: This symbol contains the type of the prefix structure element
?C: in the <db.h> header
file. In older versions of DB, it was
?C: int, while in newer ones it is size_t.
?C:.

?H:#\$i_db I_DB /**/
?H:#define DB_Hash_t \$db_hashtype /**/
?H:#define DB_Prefix_t \$db_prefixtype /**/
?H:.

?LINT:set i_db
: see if this is a db.h system
set db.h i_db
eval \$inhdr

@if DB_Hash_t
case "\$i_db" in
define)
: Check the return type needed for hash
echo " "
echo "Checking return type needed for hash for Berkeley DB ..." >&4
\$cat >try.c <<EOCP
#\$d_const HASCONST
#ifdef HASCONST
#define const
#endif
#include <sys/types.h>
#include <db.h>
u_int32_t hash_cb (ptr, size)

```

const void *ptr;
size_t size;
{
}
HASHINFO info;
int main()
{
info.hash = hash_cb;
}
EOCP
if $cc $cflags -c try.c >try.out 2>&1 ; then
if $contains warning try.out >>/dev/null 2>&1 ; then
db_hashtype='int'
else
db_hashtype='u_int32_t'
fi
else
echo "I can't seem to compile the test program." >&4
db_hashtype=int
fi
$rm_try
echo "Your version of Berkeley DB uses $db_hashtype for hash."
;;
*) db_hashtype=int
;;
esac

@end
@if
DB_Prefix_t
case "$i_db" in
define)
: Check the return type needed for prefix
echo " "
echo "Checking return type needed for prefix for Berkeley DB ..." >&4
cat >try.c <<EOCP
#$d_const HASCONST
#ifndef HASCONST
#define const
#endif
#include <sys/types.h>
#include <db.h>
size_t prefix_cb (key1, key2)
const DBT *key1;
const DBT *key2;
{
}
BTREEINFO info;

```

```

int main()
{
    info.prefix = prefix_cb;
}
EOCP
if $cc $cflags -c try.c >try.out 2>&1 ; then
if $contains warning try.out >>/dev/null 2>&1 ; then
    db_prefixtype='int'
else
    db_prefixtype='size_t'
fi
else
echo "I can't seem to compile the test program." >&4
    db_prefixtype='int'
fi
$rm_try
echo "Your version of Berkeley DB uses $db_prefixtype for prefix."
;;
*) db_prefixtype='int'
;;
esac

@end

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_db.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_setregid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setregid.U,v $
?RCS: Revision 3.0 1993/08/18 12:07:12 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setregid d_setresgid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setregid:
?S: This variable conditionally defines HAS_SETREGID if setregid() is
?S: available to change the real and effective gid of the current

```

?S: process.
 ?S:.
 ?S:d_setresgid:
 ?S: This variable conditionally defines HAS_SETRESGID if setresgid() is
 ?S: available to change
 the real, effective and saved gid of the current
 ?S: process.
 ?S:.
 ?C:HAS_SETREGID (SETREGID):
 ?C: This symbol, if defined, indicates that the setregid routine is
 ?C: available to change the real and effective gid of the current
 ?C: process.
 ?C:.
 ?C:HAS_SETRESGID (SETRESGID):
 ?C: This symbol, if defined, indicates that the setresgid routine is
 ?C: available to change the real, effective and saved gid of the current
 ?C: process.
 ?C:.
 ?H:#\$d_setregid HAS_SETREGID /**/
 ?H:#\$d_setresgid HAS_SETRESGID /**/
 ?H:.
 ?LINT: set d_setregid d_setresgid
 : see if setregid exists
 set setregid d_setregid
 eval \$inlibc
 set setresgid d_setresgid
 eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setregid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: newsspool.U 1 2006-08-24 12:32:52Z rmanfredi \$
 ?RCS:
 ?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
 ?RCS:
 ?RCS: You may redistribute only under the terms of the Artistic Licence,
 ?RCS: as specified in the README file that comes with the distribution.
 ?RCS: You may reuse parts of this distribution only within the terms of
 ?RCS: that same Artistic Licence; a copy of which may be found at the root
 ?RCS: of the source tree for dist 4.0.
 ?RCS:
 ?RCS: \$Log: newsspool.U,v \$
 ?RCS: Revision 3.0 1993/08/18 12:09:24 ram
 ?RCS: Baseline for dist 3.0 netwide release.
 ?RCS:
 ?MAKE:newsspool newsspoolexp: Getfile Oldconfig

?MAKE: -pick add \$@ %<

?S:newsspool:

?S: This variable contains the eventual value of the NEWSSPOOL symbol,

?S: which is the directory name where news articles are spooled. It

?S: may have a ~ on the front of it.

?S:.

?S:newsspoolexp:

?S: This is the same as the newsspool variable, but is

filename expanded

?S: at configuration time, for programs not wanting to deal with it at

?S: run-time.

?S:.

?C:NEWSSPOOL:

?C: This symbol contains the directory name where news articles are

?C: spooled. The program must be prepared to do ~ expansion on it.

?C:.

?C:NEWSSPOOL_EXP:

?C: This is the same as NEWSSPOOL, but is filename expanded at

?C: configuration time, for use in programs not willing to do so

?C: at run-time.

?C:.

?H:#define NEWSSPOOL "\$newsspool" /**/

?H:#define NEWSSPOOL_EXP "\$newspoolexp" /**/

?H:.

: locate news spool directory

case "\$newsspool" in

*)

dflt=/usr/spool/news

;;

*) dflt="\$newsspool";;

esac

echo " "

fn=d~

rp='Where are news spooled?'

./getfile

newsspool="\$ans"

newspoolexp="\$ansexp"

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/newsspool.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_siglist.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

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 ?RCS: You may reuse parts of this distribution only within the terms of
 ?RCS: that same Artistic Licence; a copy of which may be found at the root
 ?RCS: of the source tree for dist 4.0.
 ?RCS:
 ?RCS: \$Log: d_siglist.U,v \$
 ?RCS: Revision 3.0 1993/08/18 12:07:22 ram
 ?RCS: Baseline for dist 3.0 netwide release.
 ?RCS:
 ?MAKE:d_siglist: Csym Setvar
 ?MAKE: -pick add \$@ %<
 ?S:d_siglist:
 ?S: This variable conditionally defines HAS_SYS_SIGLIST if sys_siglist[] is
 ?S: available to translate signal numbers to strings.
 ?S:.
 ?C:HAS_SYS_SIGLIST (SYS_SIGLIST):
 ?C: This symbol, if defined, indicates that the sys_siglist array is
 ?C: available to translate signal numbers
 to strings.
 ?C:.
 ?H:#\$d_siglist HAS_SYS_SIGLIST /**/
 ?H:.
 ?LINT:set d_siglist
 : see if sys_siglist[] exist
 echo " "
 if set sys_siglist val -a d_siglist; eval \$csym; \$val; then
 echo "You have sys_siglist[] for signal description." >&4
 val="\$define"
 else
 echo "You don't have sys_siglist[]." >&4
 val="\$undef"
 fi
 set d_siglist
 eval \$setvar

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_siglist.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: kernel.U 1 2006-08-24 12:32:52Z rmanfredi \$
 ?RCS:
 ?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
 ?RCS:
 ?RCS: You may redistribute only under the terms of the Artistic Licence,
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 ?RCS: You may reuse parts of this distribution only within the terms of
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```

?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: kernel.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:54 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:kernel: Getfile test
?MAKE: -pick add $@ %<
?S:kernel:
?S: This variable becomes the (fully rooted) path name of the kernel.
?S:.
: find the name of the kernel.
echo " "
case "$kernel" in
")
if $test -r /unix; then
dflt=/unix
elif $test -r /vmunix; then
dflt=/vmunix
elif $test -r /xenix; then
dflt=/xenix
elif $test -r /mach; then
dflt=/mach
elif
$test -r /dgux; then
dflt=/dgux
elif $test -r /hp-ux; then
dflt=/hp-ux
elif $test -r /syst; then
dflt=/syst
elif $test -r /arix; then
dflt=/arix
elif $test -r /irix; then
dflt=/arix
else
dflt='unknown'
set X /*x
shift
case $# in
1)
if $test -r "$1"; then
dflt="$1"
fi
;;
esac
fi
;;
*)

```



```
dflt="$kernel"
;;
esac
fn=f
rp='What is the name of your kernel?'
./getfile
kernel="$ans"
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/kernel.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: inc.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
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```
?RCS: as specified in the README file that comes with the distribution.
```

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?RCS: You may reuse parts of this distribution only within the terms of
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?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: inc.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:08:51 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:inc incexp: Loc Oldconfig Getfile us rinc
```

```
?MAKE: -pick add $@ %<
```

```
?S:inc:
```

```
?S: This variable holds the name of the directory in which the user wants
```

```
?S: to put public header files for the package in question. It is most
```

```
?S: often a local directory such as /usr/local/include.
```

```
?S:.
```

```
?S:incexp:
```

```
?S: This is the same as the inc variable, but is filename
```

```
expanded
```

```
?S: at configuration time for convenient use in your makefiles.
```

```
?S:.
```

```
: determine where public header files go
```

```
case "$inc" in
```

```
*)
```

```
dflt=`./loc . ." /usr/local/include /usr/include/local $usrinc`
```

```
;;
```

```
*) dflt="$inc"
```

```
;;
```

```
esac
```

```
fn=d~
```

rp='Where do you want to put the public header files?'

./getfile

inc="\$ans"

incexp="\$sansexp"

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/inc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: floatsize.U,v 3.0.1.1 1994/10/29 16:17:09 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: floatsize.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:17:09 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:08:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:floatsize: cat rm Myread Compile run

?MAKE: -pick add \$@ %<

?S:floatsize:

?S: This variable contains the value of the FLOATSIZE symbol, which

?S: indicates to the C program how many bytes there are in a float.

?S:.

?C:FLOATSIZE:

?C: This

symbol contains the size of a float, so that the C preprocessor

?C: can make decisions based on it.

?C:.

?H:#define FLOATSIZE \$floatsize /**/

?H:.

?F:!try

: check for length of float

echo " "

case "\$floatsize" in

")

echo "Checking to see how big your floating point numbers are..." >&4

\$cat >try.c <<'EOCP'

#include <stdio.h>

```

int main()
{
    printf("%d\n", (int)sizeof(float));
    exit(0);
}
EOCP
set try
if eval $compile_ok; then
    floatsize=`$run ./try`
else
    dflt='4'
    echo "(I can't seem to compile the test program. Guessing...)"
    rp="What is the size of a floating point number (in bytes)?"
    ./myread
    floatsize="$ans"
fi
;;
esac
$rm -f try.c try

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/floatsize.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: lex.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: lex.U,v $
?RCS: Revision 3.0.1.3 1994/10/29 16:22:50 ram
?RCS: patch36: spurious single quote could cause Configure to crash
?RCS: patch36: (reported by Xavier Le Vouch <xavierl@eiffel.com>.)
?RCS:
?RCS: Revision 3.0.1.2 1994/08/29 16:27:09 ram
?RCS: patch32: added lexflags variable for lex flags setting
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 15:06:01 ram
?RCS: patch23: added

```

```

trailing blank line for metalint
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:55 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:lex lexflags: Guess Myread Oldconfig flex test
?MAKE: -pick add $@ %<
?S:lex:
?S: This variable holds the name of the lexical analyser generator we
?S: want to use in the Makefile. It can be lex or flex.
?S:.
?S:lexflags:
?S: This variable holds any flags that should be passed to the lexical
?S: analyzer. It is up to the Makefile to use it.
?S:.
: determine lexical analyser generator
case "$lex" in
")
dflt=lex;;
*)
dflt="$lex";;
esac
echo " "
if $test -f "$flex"; then
rp='Which lexical analyser generator (lex or flex) shall I use?'
else
rp='Which lexical analyser generator shall I use?'
fi
./myread
lex="$ans"

@if lexflags
: if using lex this will normally be useless, but flex frequently takes args
echo " "
case "$lexflags" in
") dflt='none';;
*) dflt="$lexflags";;
esac
rp="What flags should be given to $lex?"
./myread
case "$ans"
in
none) lexflags="";;
*) lexflags="$ans";;
esac

@end

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lex.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2003, Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?MAKE:d_pthread_attr_setscope: Inlibc

?MAKE: -pick add \$@ %<

?S:d_pthread_attr_setscope:

?S: This variable conditionally defines HAS_PTHREAD_ATTR_SETSCOPE if

?S: pthread_attr_setscope() is available to set the contention scope

?S: attribute of a thread attribute object.

?S:.

?C:HAS_PTHREAD_ATTR_SETSCOPE:

?C: This symbol, if defined, indicates that the pthread_attr_setscope

?C: system call is available to set the contention scope attribute of

?C: a thread attribute object.

?C:.

?H:#\$d_pthread_attr_setscope HAS_PTHREAD_ATTR_SETSCOPE /**/

?H:.

?LINT:set

d_pthread_attr_setscope

: see if pthread_attr_setscope exists

set pthread_attr_setscope d_pthread_attr_setscope

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_pthread_attr_ss.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_syssock.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: i_syssock.U,v \$
?RCS: Revision 3.0 1993/08/18 12:08:36 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_syssock: Inhdr
?MAKE: -pick add \$@ %<
?S:i_syssock:
?S: This variable conditionally defines the I_SYS_SOCKET symbol, and indicates
?S: whether a C program should include <sys/socket.h> before performing socket
?S: operations.
?S:.
?C:I_SYS_SOCKET:
?C: This symbol, if defined, indicates to the C program that it should
?C: include
<sys/socket.h> before performing socket calls.
?C:.
?H:#\$i_syssock I_SYS_SOCKET /**/
?H:.
?LINT:set i_syssock
: see if this is a sys/socket.h system
set sys/socket.h i_syssock
eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_syssock.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sitearch.U,v 3.1 1999/07/08 18:32:29 doughera Exp doughera \$
?RCS:
?RCS: Copyright (c) 1996-1998, Andy Dougherty
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: sitearch.U,v \$
?RCS: Revision 3.1 1999/07/08 18:32:29 doughera
?RCS: Updated for perl5.005_5x
?RCS:
?RCS: Revision 3.0.1.1 1997/02/28 16:21:30 ram
?RCS: patch61: created
?RCS:

?MAKE:sitearch sitearchexp installsitearch d_sitearch: cat sed Getfile \
 Oldconfig Setprefixvar Prefixit test archname sitelib

?MAKE: -pick add \$@ %<

?Y:TOP

?D:sitearch="

?S:sitearch:

?S: This variable contains the eventual
 value of the SITEARCH symbol,

?S: which is the name of the private library for this package. It may
 ?S: have a ~ on the front. It is up to the makefile to eventually create
 ?S: this directory while performing installation (with ~ substitution).
 ?S: The standard distribution will put nothing in this directory.
 ?S: After perl has been installed, users may install their own local
 ?S: architecture-dependent modules in this directory with
 ?S: MakeMaker Makefile.PL
 ?S: or equivalent. See INSTALL for details.

?S:.

?D:sitearchexp="

?S:sitearchexp:

?S: This variable is the ~name expanded version of sitearch, so that you
 ?S: may use it directly in Makefiles or shell scripts.

?S:.

?D:installsitearch="

?S:installsitearch:

?S: This variable is really the same as sitearchexp but may differ on
 ?S: those systems using AFS. For extra portability, only this variable
 ?S: should be used in makefiles.

?S:.

?D:d_sitearch="

?S:d_sitearch:

?S: This variable conditionally defines SITEARCH to hold the
 pathname
 ?S: of architecture-dependent library files for \$package. If
 ?S: \$sitearch is the same as \$archlib, then this is set to undef.

?S:.

?C:SITEARCH:

?C: This symbol contains the name of the private library for this package.
 ?C: The library is private in the sense that it needn't be in anyone's
 ?C: execution path, but it should be accessible by the world. The program
 ?C: should be prepared to do ~ expansion.
 ?C: The standard distribution will put nothing in this directory.
 ?C: After perl has been installed, users may install their own local
 ?C: architecture-dependent modules in this directory with
 ?C: MakeMaker Makefile.PL
 ?C: or equivalent. See INSTALL for details.

?C:.

?C:SITEARCH_EXP:

?C: This symbol contains the ~name expanded version of SITEARCH, to be used

?C: in programs that are not prepared to deal with ~ expansion at run-time.

?C:.

?H:#\$d_sitearch SITEARCH "\$sitearch" /**/

?H:#\$d_sitearch SITEARCH_EXP "\$sitearchexp" /**/

?H:.

?LINT:change prefixvar

?LINT:set installsitearch

?LINT:set

sitearch

?LINT:set sitearchexp

: determine where site specific architecture-dependent libraries go.

: sitelib default is /usr/local/lib/perl5/site_perl/\$version

: sitearch default is /usr/local/lib/perl5/site_perl/\$version/\$archname

: sitelib may have an optional trailing /share.

case "\$sitearch" in

) dflt=`echo \$sitelib | \$sed 's,/share\$,,'`

dflt="\$dflt/\$archname"

::

*) dflt="\$sitearch"

::

esac

set sitearch sitearch none

eval \$prefixit

\$cat <<EOM

The installation process will also create a directory for architecture-dependent site-specific extensions and modules.

EOM

fn=d~+

rp=Pathname for the site-specific architecture-dependent library files?

./getfile

prefixvar=sitearch

./setprefixvar

if \$test X"\$sitearch" = X"\$sitelib"; then

d_sitearch="\$undef"

else

d_sitearch="\$define"

fi

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitearch.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_endpent.U,v 3.0 1993/08/18 12:06:09 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi


```

?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_endpent.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:09 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_endpent: Inlibc
?MAKE: -pick add $@ %<
?S:d_endpent:
?S: This variable conditionally defines HAS_ENDPROTOENT if endprotoent() is
?S: available to close whatever was being used for protocol queries.
?S:.
?C:HAS_ENDPROTOENT:
?C: This symbol, if defined, indicates that the endprotoent() routine is
?C: available to close whatever was being used
?C: for protocol queries.
?C:.
?H:#$d_endpent HAS_ENDPROTOENT /**/
?H:.
?LINT:set d_endpent
: see if endprotoent exists
set endprotoent d_endpent
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/modified/d_endpent.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: End.U,v $
?RCS: Revision 3.0 1993/08/18 12:04:51 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:

```

```

?X:
?X: This unit serves as the goal which forces make to choose all the units that
?X: ask questions. The $W on the ?MAKE: line is the list of all symbols wanted.
?X: To force any unit to be included, copy this unit to your private U directory
?X: and add the name of the unit desired to the ?MAKE: dependency line.
?X:
?MAKE:End: $W
?MAKE: -pick add $@ %<
?LINT:use $W
: end of configuration
questions
echo " "
echo "End of configuration questions."

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/End.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1996,1998 Andy Dougherty
?RCS: Copyright (c) 1996, Sven Verdoolaege
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:d_gnulibc gnulibc_version: Myread Oldconfig Setvar rm_try \
cat Compile run
?MAKE: -pick add $@ %<
?S:d_gnulibc:
?S: Defined if we're dealing with the GNU C Library.
?S:.
?S:gnulibc_version:
?S: This variable contains the version number of the GNU C library.
?S: It is usually something like '2.2.5'. It is a plain " if this
?S: is not the GNU C library, or if the version is unknown.
?S:.
?C:HAS_GNULIBC ~ %<:
?C: This
symbol, if defined, indicates to the C program that
?C: the GNU C library is being used. A better check is to use
?C: the __GLIBC__ and __GLIBC_MINOR__ symbols supplied with glibc.
?C:.

```

```

?H:?%<:#$d_gnulibc HAS_GNULIBC  /**/
?H:?%<:#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)
?H:?%<:#define _GNU_SOURCE
?H:?%<:#endif
?H:
?F:!glibc.ver !try.c !try
?LINT: set d_gnulibc
?LINT: usefile try.c
?LINT: known _GNU_SOURCE
?X: glibc can be executed by calling __libc_main().
?X: Ulrich Drepper doesn't think any other libc does that,
?X: but we check if it says 'GNU C Library' to be sure.
?X:
?X: Alas, as of 3/1998 glibc 2.0.7 reportedly isn't going to
?X: have __libc_main() anymore. :-(. Fortunately, all released
?X: versions of glibc 2.x.x _do_ have CPP variables. For 2.0.6,
?X: they are:
?X: #define __GLIBC__ 2
?X: #define __GLIBC_MINOR__ 0.
?X: (The '6' isn't available :-(.
?X: glibc2.1 will also have
?X: extern const char * __gnu_get_libc_release(void);
?X: extern const char *
__gnu_get_libc_version(void);
?X: functions. --thanks to Andreas Jaeger. --AD 6/1998.
?X: Although the exact format isn't documented, __gnu_get_libc_version()
?X: returns a simple string '2.1.3' in glibc 2.1.3.
?X:
: determine whether we are using a GNU C library
echo " "
echo "Checking for GNU C Library..." >&4
cat >try.c <<'EOCP'
/* Find out version of GNU C library. __GLIBC__ and __GLIBC_MINOR__
alone are insufficient to distinguish different versions, such as
2.0.6 and 2.0.7. The function gnu_get_libc_version() appeared in
libc version 2.1.0. A. Dougherty, June 3, 2002.
*/
#include <stdio.h>
int main(void)
{
#ifdef __GLIBC__
# ifdef __GLIBC_MINOR__
# if __GLIBC__ >= 2 && __GLIBC_MINOR__ >= 1
# include <gnu/libc-version.h>
printf("%s\n", gnu_get_libc_version());
# else
printf("%d.%d\n", __GLIBC__, __GLIBC_MINOR__);
# endif
}

```

```

# else
printf("%d\n", __GLIBC__);
# endif
return 0;
#else
return 1;
#endif
}
EOCP
set
try
if eval $compile_ok && $run ./try > glibc.ver; then
val="$define"
gnulibc_version=`$cat glibc.ver`
echo "You are using the GNU C Library version $gnulibc_version"
else
val="$undef"
gnulibc_version=""
echo "You are not using the GNU C Library"
fi
$rm_try glibc.ver
set d_gnulibc
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gnulibc.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_umask.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_umask.U,v $
?RCS: Revision 3.0.1.1 1994/08/29 16:14:50 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_umask: Inlibc
?MAKE:-pick add $@ %<
?S:d_umask:

```

?S: This variable conditionally defines the HAS_UMASK symbol, which

?S: indicates to the C program that the umask() routine is available.

?S: to set and get the value of the file creation mask.

?S:.

?C:HAS_UMASK :

?C: This

symbol, if defined, indicates that the umask routine is

?C: available to set and get the value of the file creation mask.

?C:.

?H:#\$d_umask HAS_UMASK /**/

?H:.

?LINT:set d_umask

: see if umask exists

set umask d_umask

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_umask.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_safebcpy.U,v 3.0.1.4 1997/02/28 15:40:58 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d_safebcpy.U,v \$

?RCS: Revision 3.0.1.4 1997/02/28 15:40:58 ram

?RCS: patch61: improved overlapping copy check

?RCS: patch61: comfort them if they have memmove

?RCS: patch61: added ?F: metalint hint

?RCS:

?RCS: Revision 3.0.1.3 1995/07/25 13:58:40 ram

?RCS: patch56: re-arranged compile line to include ldflags before objects

?RCS:

?RCS: Revision 3.0.1.2 1995/01/11 15:29:23 ram

?RCS: patch45: added 'ldflags' to the test compile line (ADO)

?RCS:

?RCS:

Revision 3.0.1.1 1994/05/06 14:49:03 ram

?RCS: patch23: ensure string is not optimized in read-only memory (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:58 ram

```

?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_safebcpy: cat d_bcopy Compile rm_try run \
d_memmove i_memory i_stdlib i_string i_unistd Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_safebcpy:
?S: This variable conditionally defines the HAS_SAFE_BCOPY symbol if
?S: the bcopy() routine can do overlapping copies. Normally, you
?S: should probably use memmove().
?S:.
?C:HAS_SAFE_BCOPY (SAFE_BCOPY):
?C: This symbol, if defined, indicates that the bcopy routine is available
?C: to copy potentially overlapping memory blocks. Normally, you should
?C: probably use memmove() or memcpy(). If neither is defined, roll your
?C: own version.
?C:.
?H:#$d_safebcpy HAS_SAFE_BCOPY /**/
?H:.
?F:!try
?LINT: set d_safebcpy
: can bcopy handle overlapping blocks?
echo " "
?X: assume the worst.
val="$undef"
case "$d_memmove" in
"$define")
echo "I'll use memmove() instead of bcopy() for overlapping copies." ;;
*) case "$d_bcopy" in
"$define")
echo "Checking to see if bcopy() can do overlapping copies..." >&4
$cat >try.c <<EOCP
#$i_memory I_MEMORY
#$i_stdlib I_STDLIB
#$i_string I_STRING
#$i_unistd I_UNISTD
EOCP
$cat >>try.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
# include <memory.h>
#endif
#ifdef I_STDLIB
# include <stdlib.h>
#endif
#ifdef I_STRING
# include <string.h>
#else
# include <strings.h>

```

```

#endif
#ifdef I_UNISTD
# include <unistd.h> /* Needed for NetBSD */
#endif
int main()
{
char buf[128], abc[128];
char *b;
int len;
int off;
int align;

/* Copy "abcde..." string to char abc[] so that gcc doesn't
   try to store the string in read-only memory. */
bcopy("abcdefghijklmnopqrstuvwxy0123456789", abc, 36);

for (align = 7; align >= 0; align--) {
for (len = 36; len; len--) {
b = buf+align;
bcopy(abc, b, len);
for (off = 1; off <= len; off++) {
bcopy(b, b+off, len);
bcopy(b+off,
b, len);
if (bcmp(b, abc, len))
exit(1);
}
}
}
exit(0);
}
EOCP
set try
if eval $compile_ok; then
if $run ./try 2>/dev/null; then
echo "Yes, it can."
val="$define"
else
echo "It can't, sorry."
fi
else
echo "(I can't compile the test program, so we'll assume not...)"
fi
;;
esac
$rm_try
;;
esac

```

```
set d_safebcpy
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_safebcpy.U
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_j0 d_j0l: Inlibc

?MAKE: -pick add \$@ %<

?S:d_j0:

?S: This variable conditionally defines the HAS_J0 symbol, which

?S: indicates to the C program that the j0() routine is available.

?S:.

?S:d_j0l:

?S: This variable conditionally defines the HAS_J0L symbol, which

?S: indicates to the C program that the j0l() routine is available.

?S:.

?C:HAS_J0:

?C: This symbol, if defined, indicates to the C program that the

?C: j0() function is available for Bessel functions of the first

?C: kind of the order zero, for doubles.

?C:.

?C:HAS_J0L:

?C: This symbol, if defined, indicates to the C program that the

?C: j0l() function is available for Bessel functions of the first

?C: kind of the order zero, for long doubles.

?C:.

?H:#\$d_j0 HAS_J0 /**/

?H:#\$d_j0l HAS_J0L /**/

?H:.

?LINT:set

d_j0

?LINT:set d_j0l

: see if j0 exists

set j0 d_j0

eval \$inlibc

: see if j0l exists

set j0l d_j0l

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_j0.U
```


No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sanemcmp.U,v 3.0.1.1 1997/02/28 15:41:19 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_sanemcmp.U,v $
?RCS: Revision 3.0.1.1 1997/02/28 15:41:19 ram
?RCS: patch61: created
?RCS:
?RCS:
?MAKE:d_sanemcmp: Compile cat d_memcmp rm_try run \
i_memory i_stdlib i_string i_unistd Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_sanemcmp:
?S: This variable conditionally defines the HAS_SANE_MEMCMP symbol if
?S: the memcpy() routine is available and can be used to compare relative
?S: magnitudes of chars with their high bits set.
?S:.
?C:HAS_SANE_MEMCMP:
?C: This
symbol, if defined, indicates that the memcmp routine is available
?C: and can be used to compare relative magnitudes of chars with their high
?C: bits set. If it is not defined, roll your own version.
?C:.
?H:#$d_sanemcmp HAS_SANE_MEMCMP /**/
?H:.
?F:!try
?LINT: set d_sanemcmp
: can memcmp be trusted to compare relative magnitude?
?X: assume the worst
val="$undef"
case "$d_memcmp" in
"$define")
echo " "
echo "Checking if your memcmp() can compare relative magnitude..." >&4
$cat >try.c <<EOCP
#$i_memory I_MEMORY
#$i_stdlib I_STDLIB
#$i_string I_STRING
#$i_unistd I_UNISTD
EOCP
```

```

$cat >>try.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
# include <memory.h>
#endif
#ifdef I_STDLIB
# include <stdlib.h>
#endif
#ifdef I_STRING
# include <string.h>
#else
# include <strings.h>
#endif
#ifdef I_UNISTD
# include <unistd.h> /* Needed for NetBSD */
#endif
int main()
{
char a = -1;
char b = 0;
if ((a < b) && memcmp(&a, &b, 1) < 0)
exit(1);
exit(0);
}
EOCP
set try
if eval
$compile_ok; then
if $run ./try 2>/dev/null; then
echo "Yes, it can."
val="$define"
else
echo "No, it can't (it uses signed chars)."
fi
else
echo "(I can't compile the test program, so we'll assume not...)"
fi
;;
esac
$rm_try
set d_sanemcmp
eval $setvar

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_sanemcmp.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:i_machcthr: Inhdr usethreads
?MAKE: -pick add $@ %<
?S:i_machcthr:
?S: This variable conditionally defines the I_MACH_CTHREADS symbol,
?S: and indicates whether a C program should include <mach/threads.h>.
?S:.
?C:I_MACH_CTHREADS:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <mach/threads.h>.
?C:.
?H:#$i_machcthr I_MACH_CTHREADS /**/
?H:.
: see if mach cthreads are available
if test "X$usethreads" = "X$define"; then
  set mach/threads.h i_machcthr
  eval $inhdr
else
  i_machcthr="$undef"
fi

```

Found

in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/i_machcthr.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_flexfnam.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_flexfnam.U,v $
?RCS: Revision 3.0 1993/08/18 12:06:04 ram

```

```

?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_flexfnam: cat rm test Setvar
?MAKE: -pick add $@ %<
?S:d_flexfnam:
?S: This variable conditionally defines the FLEXFILENAMES symbol, which
?S: indicates that the system supports filenames longer than 14 characters.
?S:.
?C:FLEXFILENAMES:
?C: This symbol, if defined, indicates that the system supports filenames
?C: longer than 14
characters.
?C:.
?H:#$d_flexfnam FLEXFILENAMES /**/
?H:.
?T:first
?LINT:set d_flexfnam
: see if we can have long filenames
echo " "
?X:
?X: We have to test in both /tmp and . because of NFS (remote server may allow
?X: long filenames while the local filesystem cannot support them). If at least
?X: one of those file systems cannot support long filenames, then we assume the
?X: whole system can't.
?X:
first=123456789abcdef
$rm -f $first
if (echo hi >$first) 2>/dev/null; then
if $test -f 123456789abcde; then
echo 'You cannot have filenames longer than 14 characters. Sigh.'>&4
val="$undef"
else
echo 'You can have filenames longer than 14 characters.'>&4
val="$define"
fi
else
$cat <<'EOM'
You can't have filenames longer than 14 chars.
You can't even think about them!
EOM
val="$undef"
fi
set d_flexfnam
eval $setvar
$rm -rf 123456789abcde*

Found in path(s):
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

```

5.30.0/U/modified/d_flexfnam.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_keepsig.U,v \$

?RCS: Revision 3.0.1.4 1995/07/25 13:57:56 ram

?RCS: patch56: made cc and ccflags optional dependencies

?RCS:

?RCS: Revision 3.0.1.3 1995/01/11 15:26:25 ram

?RCS: patch45: protected "sh -c" within backquotes for Linux and SGI

?RCS:

?RCS: Revision 3.0.1.2 1994/10/29 16:13:59 ram

?RCS: patch36: call ./bsd explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0.1.1 1993/10/16 13:48:47 ram

?RCS: patch12: comment for SIGNALS_KEPT was the other way round

?RCS:

?RCS:

Revision 3.0 1993/08/18 12:06:26 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_keepsig: cat Compile rm Guess contains echo n c Setvar run

?MAKE: -pick add \$@ %<

?S:d_keepsig:

?S: This variable contains the eventual value of the SIGNALS_KEPT symbol,

?S: which indicates to the C program if signal handlers need not reinstated

?S: after receipt of a signal.

?S:.

?C:SIGNALS_KEPT (PERSISTENT_SIGNAL):

?C: This symbol is defined if signal handlers needn't be reinstated after

?C: receipt of a signal.

?C:.

?H:#\$d_keepsig SIGNALS_KEPT /**/

?H:.

?F:!try !try.out

?LINT:set d_keepsig

: see if signals are kept

val="\$undef";

echo " "

```

echo "Checking to see if signal handlers stick around..." >&4
$cat >try.c <<'EOCP'
foo() {}

int main()
{
    signal(2, foo);
    kill(getpid(), 2);
    kill(getpid(), 2);
    printf("abc\n");
}
EOCP
set try
if eval $compile_ok; then
?X: On AIX a single ./try will not work (with ksh)
?X: Backquotes required on Linux and SGI (prevents "ambiguous output redirect")
?X:
(reported by Xavier LeVourch <xavierl@eiffel.com>)
`sh -c $run ./try >try.out 2>/dev/null`
if $contains abc try.out >/dev/null 2>&1; then
    echo "Yes, they do."
    val="$define";
else
    echo "No, they don't."
fi
else
$echo $n "(I can't seem to compile the test program. Assuming $c"
if ./bsd; then
    echo "they do.)"
    val="$define"
else
    echo "they don't.)"
fi
fi
set d_keepsig
eval $setvar
$rm -f try*

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_keepsig.U
```

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?RCS: \$Id: i_ieefp.U,v \$

?RCS:

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?RCS:

?MAKE:i_iecefp: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_iecefp:

?S: This variable conditionally defines the I_IEEEFP symbol, and indicates

?S: whether a C program should include <iecefp.h>.

?S:.

?C:I_IEEEFP:

?C: This symbol, if defined, indicates that <iecefp.h> exists and

?C: should be included.

?C:.

?H:#\$i_iecefp I_IEEEFP /**/

?H:.

?LINT:set i_iecefp

: see if this is a iiecefp.h system

case "\$i_iecefp" in

") set iiecefp.h i_iecefp

eval \$inhdr

;;

esac

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_iecefp.U

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?RCS:

?MAKE:gidformat: gidsize gidsign ivsize uvsize longsize intsize shortsize \
ivdformat uvuformat test echo

?MAKE: -pick add \$@ %<

?S:gidformat:

?S: This variable contains the format string used for printing a Gid_t.

?S:.

?C:Gid_t_f:

?C: This symbol defines the format string used for printing a Gid_t.

?C:.

?H:#define Gid_t_f \$gidformat /**/

?H:.

: Check format string for GID

echo " "

Secho "Checking the format string to be used for gids..." >&4

```
case "$gidsign" in
-1) if $test X"$gidsize" = X"$ivsize"; then
    gidformat="$ivdformat"
    else
    if $test X"$gidsize" = X"$longsize"; then
        gidformat="ld"
    else
    if $test X"$gidsize" = X"$intsize"; then
        gidformat="d"
    else
    if $test X"$gidsize"
= X"$shortsize"; then
        gidformat="hd"
    fi
    fi
    fi
    fi
    ;;
*) if $test X"$gidsize" = X"$svsize"; then
    gidformat="$svuformat"
    else
    if $test X"$gidsize" = X"$longsize"; then
        gidformat="lu"
    else
    if $test X"$gidsize" = X"$intsize"; then
        gidformat="u"
    else
    if $test X"$gidsize" = X"$shortsize"; then
        gidformat="hu"
    fi
    fi
    fi
    fi
    ;;
esac
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/gidf.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_perror.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_perror.U,v \$
?RCS: Revision 3.0.1.1 1994/08/29 16:11:38 ram
?RCS: patch32: always define HAS_PERROR even when not used in C code
?RCS:
?RCS: Revision 3.0 1993/08/18 12:06:45 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_perror: Inlibc
?MAKE: -pick add \$@ %<
?S:d_perror:
?S: This variable conditionally remaps perror to a null action and
?S: defines the symbol HAS_PERROR, which indicates to the C program
?S: that the perror()
routine is not available to print system
?S: error messages.
?S:.
?C:HAS_PERROR ~ %<:
?C: This symbol, if defined, indicates that the perror() routine is
?C: available to print system error messages. If not defined, you should
?C: use your own diagnostic routine...
?C:.
?C:perror ~ %<:
?C: This symbol is maped to null if the perror() routine is not
?C: available to print system error messages.
?C:.
?H:%<:#\$d_perror HAS_PERROR /**/
?H:%<:#ifndef HAS_PERROR
?H:%<:#define perror(s) ; /* mapped to a null statement */
?H:%<:#endif
?H:.
?LINT:set d_perror
: see if perror exists
set perror d_perror
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_perror.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$
?RCS:
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```

?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_ndbm.U,v $
?RCS: Revision 3.0.1.1 1995/05/12 12:16:53 ram
?RCS: patch54: made more robust by checking both header and lib (ADO)
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:23 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_ndbm: Inhdr Inlibc Setvar
?MAKE: -pick add $@ %<
?S:i_ndbm (d_ndbm):
?S: This variable conditionally defines the I_NDBM symbol, which
?S: indicates to the C program that <ndbm.h> exists and should
?S: be included.
?S:.
?C:I_NDBM (HAS_NDBM NDBM):
?C: This
symbol, if defined, indicates that <ndbm.h> exists and should
?C: be included.
?C:.
?H:#$i_ndbm I_NDBM /**/
?H:.
?T:t_ndbm d_dbm_open
?LINT:set i_ndbm
: see if ndbm.h is available
?X: t_ndbm is a tentative check. We might just have the .h, not the lib -- ADO
set ndbm.h t_ndbm
eval $inhdr
case "$t_ndbm" in
$define)
: see if dbm_open exists
set dbm_open d_dbm_open
eval $inlibc
case "$d_dbm_open" in
$undef)
t_ndbm="$undef"
echo "We won't be including <ndbm.h>"
;;
esac
;;
esac
val="$t_ndbm"

```

```
set i_ndbm
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_ndbm.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?RCS: \$Log: d_shmat.U,v \$

?RCS: Revision 3.0.1.3 1995/07/25 14:04:23 ram

?RCS: patch56: use findhdr to find <sys/shm.h>, to get the right one (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1994/05/13 15:18:56 ram

?RCS: patch27: added new symbol HAS_SHMAT_PROTOTYPE (ADO)

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 14:54:18 ram

?RCS: patch23: new Shmat_t symbol to declare return type of shmat()

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:18 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_shmat shmattype

d_shmatprototype: Inlibc cat +cc +ccflags \

rm eppstdin cppflags cppminus Findhdr Setvar contains

?MAKE: -pick add \$@ %<

?S:d_shmat:

?S: This variable conditionally defines the HAS_SHMAT symbol, which

?S: indicates to the C program that the shmat() routine is available.

?S:.

?S:shmattype:

?S: This symbol contains the type of pointer returned by shmat().

?S: It can be 'void *' or 'char *'.

?S:.

?S:d_shmatprototype:

?S: This variable conditionally defines the HAS_SHMAT_PROTOTYPE

?S: symbol, which indicates that sys/shm.h has a prototype for

?S: shmat.

?S:.

?C:HAS_SHMAT:

?C: This symbol, if defined, indicates that the shmat() routine is

?C: available to attach a shared memory segment to the process space.

?C:.

?C:Shmat_t:

?C: This symbol holds the return type of the shmat() system call.

?C: Usually set to 'void *' or 'char *'.

?C:.

?C:HAS_SHMAT_PROTOTYPE:

?C: This symbol, if defined, indicates that the sys/shm.h includes

?C: a prototype for shmat(). Otherwise, it is up to the program

to

?C: guess one. Shmat_t shmat_((int, Shmat_t, int)) is a good guess,

?C: but not always right so it should be emitted by the program only

?C: when HAS_SHMAT_PROTOTYPE is not defined to avoid conflicting defs.

?C:.

?H:#\$d_shmat HAS_SHMAT /**/

?H:#define Shmat_t \$shmattype /**/

?H:#\$d_shmatprototype HAS_SHMAT_PROTOTYPE /**/

?H:.

?LINT:set d_shmat d_shmatprototype

?T:xxx

: see if shmat exists

set shmat d_shmat

eval \$inlibc

: see what shmat returns

case "\$d_shmat" in

"\$define")

\$cat >shmat.c <<'END'

#include <sys/shm.h>

void *shmat();

END

if \$cc \$ccflags -c shmat.c >/dev/null 2>&1; then

shmattype='void *'

else

shmattype='char *'

fi

echo "and it returns (\$shmattype)." >&4

: see if a prototype for shmat is available

xxx=`./findhdr sys/shm.h`

\$cppstdin \$cppflags \$cppminus < \$xxx > shmat.c 2>/dev/null

if \$contains 'shmat.*(' shmat.c >/dev/null 2>&1; then

val="\$define"

else

val="\$undef"

fi

\$rm -f shmat.[co]

::

```
*)
val="$undef"
;;
esac
set d_shmatprototype
eval $setvar
```

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_shmat.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_endservent_r.U,v 0RCS:

?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi

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?RCS:

?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.

?RCS:

?MAKE:d_endservent_r endservent_r_proto: Inlibc Protochk Hasproto i_systypes \
uthreads i_netdb extern_C

?MAKE: -pick add \$@ %<

?S:d_endservent_r:

?S: This variable conditionally defines the HAS_ENDSERVENT_R symbol,

?S: which indicates to the C program that the endservent_r()

?S: routine is available.

?S:.

?S:endservent_r_proto:

?S: This variable encodes the prototype of endservent_r.

?S: It is zero if d_endservent_r is undef, and one of the

?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endservent_r

?S: is defined.

?S:.

?C:HAS_ENDSERVENT_R:

?C: This symbol, if defined, indicates that the endservent_r routine

?C: is

available to endservent re-entrantly.

?C:.

?C:ENDSERVENT_R_PROTO:

?C: This symbol encodes the prototype of endservent_r.

?C: It is zero if d_endservent_r is undef, and one of the

?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endservent_r

?C: is defined.

?C:.

?H:#\$d_endservent_r HAS_ENDSERVENT_R /**/

?H:#define ENDSERVENT_R_PROTO \$endservent_r_proto /**/

```

?H:
?T:try hdrs d_endservent_r_proto
: see if endservent_r exists
set endservent_r d_endservent_r
eval $inlibc
case "$d_endservent_r" in
"$define")
hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
case "$d_endservent_r_proto:$usethreads" in
":define") d_endservent_r_proto=define
set d_endservent_r_proto endservent_r $hdrs
eval $hasproto ;;
*) ;;
esac
case "$d_endservent_r_proto" in
define)
case "$endservent_r_proto" in
"|0) try='int endservent_r(struct servent_data*);'
./protochk "$extern_C $try" $hdrs && endservent_r_proto=I_D ;;
esac
case "$endservent_r_proto" in
"|0) try='void endservent_r(struct
servent_data*);'
./protochk "$extern_C $try" $hdrs && endservent_r_proto=V_D ;;
esac
case "$endservent_r_proto" in
"|0) d_endservent_r=undef
endservent_r_proto=0
echo "Disabling endservent_r, cannot determine prototype." >&4 ;;
* ) case "$endservent_r_proto" in
REENTRANT_PROTO*) ;;
*) endservent_r_proto="REENTRANT_PROTO_${endservent_r_proto}" ;;
esac
echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
define) echo "endservent_r has no prototype, not using it." >&4 ;;
esac
d_endservent_r=undef
endservent_r_proto=0
;;
esac
;;
*) endservent_r_proto=0
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endservent_r.U

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?RCS: \$Id: d_shmget.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS:

?RCS: \$Log: d_shmget.U,v \$

?RCS: Revision 3.0 1993/08/18 12:07:20 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_shmget: Inlibc

?MAKE: -pick add \$@ %<

?S:d_shmget:

?S: This variable conditionally defines the HAS_SHMGET symbol, which

?S: indicates to the C program that the shmget() routine is available.

?S:.

?C:HAS_SHMGET:

?C: This symbol, if defined, indicates that the shmget() routine is

?C: available to request a shared memory segment from

the kernel.

?C:.

?H:#\$d_shmget HAS_SHMGET /**/

?H:.

?LINT:set d_shmget

: see if shmget exists

set shmget d_shmget

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_shmget.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sitelib.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1996-1998, Andy Dougherty

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: sitelib.U,v \$

?RCS: Revision 1.1 1999/07/08 18:32:57 doughera

?RCS: Initial revision

?RCS:

?RCS: Revision 3.0.1.1 1997/02/28 16:21:35 ram

?RCS: patch61: created

?RCS:

?MAKE:sitelib sitelibexp installsitelib sitelib_stem: cat Getfile Oldconfig \
 Setprefixvar Prefixit package version sed installstyle siteprefix

?MAKE: -pick add \$@ %<

?Y:TOP

?D:sitelib="

?S:sitelib:

?S: This variable contains the
 eventual value of the SITELIB symbol,

?S: which is the name of the private library for this package. It may
 ?S: have a ~ on the front. It is up to the makefile to eventually create
 ?S: this directory while performing installation (with ~ substitution).
 ?S: The standard distribution will put nothing in this directory.
 ?S: After perl has been installed, users may install their own local
 ?S: architecture-independent modules in this directory with
 ?S: MakeMaker Makefile.PL
 ?S: or equivalent. See INSTALL for details.

?S:.

?D:sitelibexp="

?S:sitelibexp:

?S: This variable is the ~name expanded version of sitelib, so that you
 ?S: may use it directly in Makefiles or shell scripts.

?S:.

?D:installsitelib="

?S:installsitelib:

?S: This variable is really the same as sitelibexp but may differ on
 ?S: those systems using AFS. For extra portability, only this variable
 ?S: should be used in makefiles.

?S:.

?S:sitelib_stem:

?S: This variable is \$sitelibexp with any trailing version-specific component
 ?S: removed.

The elements in inc_version_list (inc_version_list.U) can

?S: be tacked onto this variable to generate a list of directories to search.

?S:.

?C:SITELIB:

?C: This symbol contains the name of the private library for this package.

?C: The library is private in the sense that it needn't be in anyone's execution path, but it should be accessible by the world. The program should be prepared to do ~ expansion.

?C: The standard distribution will put nothing in this directory.

?C: After perl has been installed, users may install their own local architecture-independent modules in this directory with MakeMaker Makefile.PL or equivalent. See INSTALL for details.

?C:.

?C:SITELIB_EXP:

?C: This symbol contains the ~name expanded version of SITELIB, to be used in programs that are not prepared to deal with ~ expansion at run-time.

?C:.

?C:SITELIB_STEM:

?C: This define is SITELIB_EXP with any trailing version-specific component removed. The elements in inc_version_list (inc_version_list.U) can be tacked onto this variable to generate a list of directories to search.

?C:.

```
?H:#define SITELIB "$sitelib" /**/
?H:#define SITELIB_EXP "$sitelibexp" /**/
?H:#define SITELIB_STEM "$sitelib_stem" /**/
?H:
?T:prog
?LINT:change prefixvar
?LINT:set installsitelib
?LINT:set sitelib
?LINT:set sitelibexp
: determine where site specific libraries go.
: Usual default is /usr/local/lib/perl5/site_perl/$version
: The default "style" setting is made in installstyle.U
: XXX No longer works with Prefixit stuff.
?X: remove any trailing -3.0 or other version identification
prog=`echo $package | $sed 's/[-*][0-9.]*$//`
case "$sitelib" in
") case "$installstyle" in
*lib/perl5*) dflt=$siteprefix/lib/$package/site_${prog}/$version ;;
*) dflt=$siteprefix/lib/site_${prog}/$version ;;
esac
;;
*) dflt="$sitelib"
;;
esac
$cat <<EOM
```

The installation process will create a directory for site-specific extensions and modules. Most users find it convenient to place

all site-specific files in this directory rather than in the main distribution directory.

EOM

fn=d~+

rp='Pathname for the site-specific library files?'

./getfile

prefixvar=sitelib

./setprefixvar

sitelib_stem=`echo "\$sitelibexp" | sed "s,/\$version\$,,"`

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitelib.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: sig_name.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: sig_name.U,v \$

?RCS: Revision 3.0.1.5 1997/02/28 16:21:25 ram

?RCS: patch61: brand new algorithm for sig_name and (new!) sig_num

?RCS:

?RCS: Revision 3.0.1.4 1995/07/25 14:14:54 ram

?RCS: patch56: added <asm/signal.h> lookup for Linux

?RCS:

?RCS: Revision 3.0.1.3 1995/05/12 12:24:11 ram

?RCS: patch54: now looks for <linux/signal.h> too (ADO)

?RCS:

?RCS: Revision 3.0.1.2 1994/06/20 07:06:57 ram

?RCS: patch30: final echo was missing to close

awk-printed string

?RCS:

?RCS: Revision 3.0.1.1 1994/05/06 15:17:55 ram

?RCS: patch23: signal list now formatted to avoid scroll-ups (ADO)

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:47 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:sig_name sig_name_init sig_num sig_num_init sig_count sig_size: \

awk Signal Oldconfig rm

?MAKE: -pick add \$@ %<

?S:sig_name:

?S: This variable holds the signal names, space separated. The leading

?S: SIG in signal name is removed. A ZERO is prepended to the list.

?S: This is currently not used, sig_name_init is used instead.

?S:.

?S:sig_name_init:

?S: This variable holds the signal names, enclosed in double quotes and

?S: separated by commas, suitable for use in the SIG_NAME definition

?S: below. A "ZERO" is prepended to the list, and the list is

?S: terminated with a plain 0. The leading SIG in signal names

?S: is removed. See sig_num.

?S:.

?S:sig_num:

?S: This variable holds the signal numbers, space separated. A ZERO is

?S: prepended

to the list (corresponding to the fake SIGZERO).

?S: Those numbers correspond to the value of the signal listed

?S: in the same place within the sig_name list.

?S: This is currently not used, sig_num_init is used instead.

?S:.

?S:sig_num_init:

?S: This variable holds the signal numbers, enclosed in double quotes and

?S: separated by commas, suitable for use in the SIG_NUM definition

?S: below. A "ZERO" is prepended to the list, and the list is

?S: terminated with a plain 0.

?S:.

?S:sig_count (sig_name.U):

?S: This variable holds a number larger than the largest valid

?S: signal number. This is usually the same as the NSIG macro.

?S:.

?S:sig_size:

?S: This variable contains the number of elements of the sig_name

?S: and sig_num arrays.

?S:.

?C:SIG_NAME:

?C: This symbol contains a list of signal names in order of

?C: signal number. This is intended

?C: to be used as a static array initialization, like this:

?C: char *sig_name[] = { SIG_NAME };

?C: The signals in the list are separated

with commas, and each signal

?C: is surrounded by double quotes. There is no leading SIG in the signal

?C: name, i.e. SIGQUIT is known as "QUIT".

?C: Gaps in the signal numbers (up to NSIG) are filled in with NUMnn,

?C: etc., where nn is the actual signal number (e.g. NUM37).

?C: The signal number for sig_name[i] is stored in sig_num[i].

?C: The last element is 0 to terminate the list with a NULL. This

?C: corresponds to the 0 at the end of the sig_name_init list.

?C: Note that this variable is initialized from the sig_name_init,

?C: not from sig_name (which is unused).

?C:.

?C:SIG_NUM:

?C: This symbol contains a list of signal numbers, in the same order as the

?C: SIG_NAME list. It is suitable for static array initialization, as in:

?C: int sig_num[] = { SIG_NUM };

?C: The signals in the list are separated with commas, and the indices

?C: within that list and the SIG_NAME list match, so it's easy to compute

?C: the signal name from a number or vice versa at the price of a small

?C: dynamic

linear lookup.

?C: Duplicates are allowed, but are moved to the end of the list.

?C: The signal number corresponding to sig_name[i] is sig_number[i].

?C: if (i < NSIG) then sig_number[i] == i.

?C: The last element is 0, corresponding to the 0 at the end of

?C: the sig_name_init list.

?C: Note that this variable is initialized from the sig_num_init,

?C: not from sig_num (which is unused).

?C:.

?C:SIG_COUNT:

?C: This variable contains a number larger than the largest

?C: signal number. This is usually the same as the NSIG macro.

?C:.

?C:SIG_SIZE:

?C: This variable contains the number of elements of the SIG_NAME

?C: and SIG_NUM arrays, excluding the final NULL entry.

?C:.

?H:#define SIG_NAME \$sig_name_init /**/
?H:#define SIG_NUM \$sig_num_init /**/
?H:#define SIG_COUNT \$sig_count /**/
?H:#define SIG_SIZE \$sig_size /**/
?H:.
?T:i doinit
?F:!= !signal_cmd
?X: signal.cmd creates a file signal.lst which has two columns:
?X: NAME number, e.g.
?X: HUP 1
?X: The list is
sorted on signal number, with duplicates moved to
?X: the end..
: generate list of signal names
case "\$sig_num_init" in
")
echo " "
case "\$sig_name_init" in
") doinit=yes ;;

```

*) case "$sig_num_init" in
  |*,*) doinit=yes ;;
  esac ;;
esac
case "$doinit" in
yes)
echo "Generating a list of signal names and numbers..." >&4
. ./signal_cmd
sig_count=`$awk '/^NSIG/ { printf "%d", $2 }' signal.lst`
sig_name=`$awk 'BEGIN { printf "ZERO " }
  !/^NSIG/ { printf "%s ", $1 }' signal.lst`
sig_num=`$awk 'BEGIN { printf "0 " }
  !/^NSIG/ { printf "%d ", $2 }' signal.lst`
sig_name_init=`$awk 'BEGIN { printf "\"ZERO\\", " }
  !/^NSIG/ { printf "\\\"%s\\", ", $1 }
  END { printf "0\\n" }' signal.lst`
sig_num_init=`$awk 'BEGIN { printf "0, " }
  !/^NSIG/ { printf "%d, ", $2 }
  END { printf "0\\n" }' signal.lst`
;;
esac
echo "The following $sig_count signals are available:"
echo " "
echo $sig_name | $awk \
'BEGIN { linelen = 0 }
{
for (i = 1; i <= NF; i++) {
name
= "SIG" $i " "
linelen = linelen + length(name)
if (linelen > 70) {
printf "\\n"
linelen = length(name)
}
printf "%s", name
}
printf "\\n"
}'
sig_size=`echo $sig_name | awk '{print NF}'`
$rm -f signal signal.c signal.awk signal.lst signal_cmd
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/sig_name.U

```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: d_dlopen.U,v 3.0.1.2 1995/07/25 13:52:56 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_dlopen.U,v $
?RCS: Revision 3.0.1.2 1995/07/25 13:52:56 ram
?RCS: patch56: force compile-link test since symbol might lie in crt0.o (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:07:34 ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_dlopen: Inlibc runnm d_cplusplus ccflags gccversion
?MAKE: -pick add $@ %<
?S:d_dlopen:
?S: This variable conditionally defines the HAS_DLOPEN
symbol, which
?S: indicates to the C program that the dlopen() routine is available.
?S:.
?C:HAS_DLOPEN :
?C: This symbol, if defined, indicates that the dlopen routine is
?C: available.
?C:.
?H:#$d_dlopen HAS_DLOPEN /**/
?H:.
?T: xxx_runnm
?T: xxx_ccflags
?LINT:set d_dlopen
?X: We don't permanently change runnm and ccflags, but we do temporarily.
?LINT: change runnm
?LINT: change ccflags
: see if dlopen exists
?X: On NetBSD and FreeBSD, dlopen is available, but it is in
?X: /usr/lib/crt0.o, not in any of the libraries. Therefore, do not
?X: use the nm extraction, but use a real compile and link test instead.
xxx_runnm="$runnm"
xxx_ccflags="$ccflags"
runnm=false
: with g++ one needs -shared to get is-in-libc to work for dlopen
case "$gccversion" in
") ;;

```

```

*Clang*) ;;
*) case "$d_cplusplus" in
"$define") ccflags="$ccflags -shared" ;;
esac
;;
esac
set dlopen d_dlopen
eval $inlibc
runnm="$xxx_runnm"
ccflags="$xxx_ccflags"

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_dlopen.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_cbrt.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_cbrt.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:48 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_cbrt: Inlibc

?MAKE: -pick add \$@ %<

?S:d_cbrt:

?S: This variable conditionally defines the HAS_CBRT symbol, which

?S: indicates to the C program that the cbrt() (cube root) function

?S: is available.

?S:.

?C:HAS_CBRT (CBRT):

?C: This symbol, if defined, indicates that the cbrt() (cube root)

?C: function is available.

?C:.

?H:#\$d_cbrt HAS_CBRT /**/

?H:.

?LINT:set

d_cbrt

: see if cbrt exists

set cbrt d_cbrt

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_cbrt.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_log2: Inlibc

?MAKE: -pick add \$@ %<

?S:d_log2:

?S: This variable conditionally defines the HAS_LOG2 symbol, which

?S: indicates to the C program that the log2() routine is available

?S: to compute log base two.

?S:.

?C:HAS_LOG2:

?C: This symbol, if defined, indicates that the log2 routine is

?C: available to do the log2 function.

?C:.

?H:#\$d_log2 HAS_LOG2 /**/

?H:.

?LINT:set d_log2

: see if log2 exists

set log2 d_log2

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_log2.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: bin.U,v \$

?RCS: Revision 3.0.1.4 1995/09/25 09:15:32 ram

?RCS: patch59: unit is now forced to the top of Configure, if possible

?RCS:

?RCS: Revision 3.0.1.3 1995/01/30 14:32:40 ram

?RCS: patch49: can now handle installation prefix changes (from WED)


```

?RCS:
?RCS: Revision 3.0.1.2 1994/08/29 16:05:28 ram
?RCS: patch32: now uses installation prefix
?RCS:
?RCS: Revision 3.0.1.1 1993/09/13 15:56:51 ram
?RCS: patch10: made prompting more explicit (WAD)
?RCS:
?RCS: Revision 3.0 1993/08/18
    12:05:26 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:bin binexp installbin: Prefixit Getfile Oldconfig afs cat test
?MAKE: -pick add $@ %<
?Y:TOP
?S:bin:
?S: This variable holds the name of the directory in which the user wants
?S: to put publicly executable images for the package in question. It
?S: is most often a local directory such as /usr/local/bin. Programs using
?S: this variable must be prepared to deal with ~name substitution.
?S:.
?S:binexp:
?S: This is the same as the bin variable, but is filename expanded at
?S: configuration time, for use in your makefiles.
?S:.
?S:installbin:
?S: This variable is the same as binexp unless AFS is running in which case
?S: the user is explicitly prompted for it. This variable should always
?S: be used in your makefiles for maximum portability.
?S:.
?C:BIN:
?C: This symbol holds the path of the bin directory where the package will
?C: be installed. Program must be prepared to deal with ~name substitution.
?C:.
?C:BIN_EXP:
?C: This
    symbol is the filename expanded version of the BIN symbol, for
?C: programs that do not want to deal with that at run-time.
?C:.
?H:#define BIN "$bin" /**/
?H:#define BIN_EXP "$binexp" /**/
?H:.
?D:bin='/usr/local/bin'
: determine where public executables go
echo " "
set dflt bin bin
eval $prefixit
fn=d~
rp='Pathname where the public executables will reside?'

```

```

./getfile
if $test "X$sansexp" != "X$binexp"; then
  installbin="
fi
bin="$sans"
binexp="$sansexp"
if $afs; then
  $cat <<EOM

```

Since you are running AFS, I need to distinguish the directory in which executables reside from the directory in which they are installed (and from which they are presumably copied to the former directory by occult means).

```

EOM
case "$installbin" in
  *) dflt=`echo $binexp | sed 's#^/afs/#/afs/#^';`
  *) dflt="$installbin";
esac
fn=de~
rp='Where will public executables be installed?'
./getfile
installbin="$sans"
else
  installbin="$binexp"
fi

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/bin.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Compile.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Andy Dougherty

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?RCS:

?X:

?X: This unit is just a quick shorthand for the compile command

?X: to be used in all the other metaconfig units.

?X:

?MAKE:Compile: +cc +optimize +ccflags +ldflags +libs test

?MAKE: -pick add \$@ %<

?LINT:extern usedevel

?LINT:define compile compile_ok

?V:compile compile_ok mc_file

?S:compile:

?S: This shell variable is used internally by Configure to provide

?S: a convenient shorthand for the typical compile command, namely

?S: `%% $optimize %cflags %ldflags -o %1 %1.c $libs > /dev/null 2>&1`

?S: Note that the output filename does *not* include the `_exe`

?S: extension. Instead we assume that the linker will be

?S: "helpful" and automatically appending the correct suffix.

?S: OS/2 users

will apparently need to supply the `-Zexe` flag to

?S: get this behavior.

?S:

?S: To use this variable, say something like:

?S: `echo 'int main() { exit(0); }' > try.c`

?S: `set try`

?S: `if eval $compile; then`

?S: `echo "success" # and do whatever . . .`

?S: `else`

?S: `echo "failure" # and do whatever . . .`

?S: `fi`

?S: To add extra flags cc flags (e.g. `-DWHATEVER`) just put them

?S: in `%%`, e.g.

?S: `set try -DTRY_THIS_FLAG`

?S:.

?S:compile_ok:

?S: This shell variable is used internally by Configure to provide

?S: a convenient shorthand for the typical compile command that you

?S: expect to work ok. It is the same as `$compile`, except we

?S: deliberately let the user see any error messages.

?S:.

: define a shorthand compile call

```
compile='
```

```
mc_file=$1;
```

```
shift;
```

```
case "$usedevel" in $define|true|[yY]*) if $test ! -f "${mc_file}.c"; then
```

```
echo "Internal Configure script bug - compiler test file ${mc_file}.c is missing. Please report this to  
perlbug@perl.org" >&4;
```

```
exit 1;
```

```
fi;
```

```
esac;
```

```
$cc -o ${mc_file}
```

```
 $optimize %cflags %ldflags %% ${mc_file}.c $libs > /dev/null 2>&1;
```

: define a shorthand compile call for compilations that should be ok.

```
compile_ok='
```

```
mc_file=$1;
```

```
shift;
```

```
$cc -o ${mc_file} $optimize %cflags %ldflags %% ${mc_file}.c $libs > /dev/null 2>&1;'
```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/Compile.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: sunscanf.U,v \$

?RCS: Revision 3.0 1993/08/18 12:09:54 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:sunscanf: cat rm Myread +cc +ccflags test Setvar

?MAKE: -pick add \$@ %<

?S:sunscanf:

?S: This variable is set if this system runs with the Sun version

?S: of scanf.

?S:.

?C:SUNSCANF:

?C: This variable is set if this system runs with the Sun version

?C: of scanf.

?C:.

?H:#\$sunscanf SUNSCANF /**/

?H:.

?LINT:set sunscanf

: check to see what kinda scanf your using.

echo " "

echo "Checking

to see what flavor of scanf you have..." >&4

\$cat >scanf.c <<'EOCP'

int main()

{

float value;

sscanf("4.5", "%g", &value);

printf("%d\n", value == 4.5);

}

EOCP

if \$cc \$ccflags -o scanf scanf.c >/dev/null 2>&1 ; then

if \$test `scanf` = 0; then

echo "Hmm.. seems your not running the USG flavor.."

val="\$undef"

```

else
  echo "Uh... your running the USG flavor of scanf."
  val="$define"
fi
else
  echo "(I can't seem to compile the test program... Guessing)"
  val="$undef"
fi
set sunscanf
eval $setvar
$rm -f scanf*

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sunscanf.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: Loc.U 14 2006-08-28 16:51:14Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Loc.U,v $
?RCS: Revision 3.0.1.10 1997/02/28 15:04:16 ram
?RCS: patch61: allow users to specify paths on the command line
?RCS: patch61: will now substitute cp for ln if not supported
?RCS:
?RCS: Revision 3.0.1.9 1995/09/25 09:11:24 ram
?RCS: patch59: commented the purpose of the #un-def directive
?RCS: patch59: abort Configure run when mandatory command is missing
?RCS:
?RCS: Revision 3.0.1.8 1995/07/25 13:40:40 ram
?RCS: patch56: now knows about
OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.7 1995/01/11 15:13:37 ram
?RCS: patch45: protected "sh -c" within backquotes for Linux and SGI
?RCS: patch45: added path lookup for the 'comm' program
?RCS:
?RCS: Revision 3.0.1.6 1994/10/29 15:56:14 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: be careful and guard against wildcard searching (ADO)
?RCS:

```

?RCS: Revision 3.0.1.5 1994/06/20 06:54:55 ram
 ?RCS: patch30: now locates find
 ?RCS:
 ?RCS: Revision 3.0.1.4 1994/05/13 15:18:15 ram
 ?RCS: patch27: added byacc to the trylist (ADO)
 ?RCS: patch27: lint lines reformatted (ADO)
 ?RCS:
 ?RCS: Revision 3.0.1.3 1994/01/24 14:01:44 ram
 ?RCS: patch16: added metalint hint on changed PATH variable
 ?RCS:
 ?RCS: Revision 3.0.1.2 1993/12/15 08:16:52 ram
 ?RCS: patch15: now set _test variable when test is built-in
 ?RCS: patch15: fixed rare cases where echo is not needed
 ?RCS:
 ?RCS: Revision 3.0.1.1 1993/09/13 15:47:13 ram
 ?RCS: patch10: test program not always
 in /bin/test (WAD)
 ?RCS:
 ?RCS: Revision 3.0 1993/08/18 12:05:05 ram
 ?RCS: Baseline for dist 3.0 netwide release.
 ?RCS:
 ?X:
 ?X: This unit produces a shell script "loc" which can be used to find out
 ?X: where in a list of directories something is. It then uses loc to
 ?X: determine the location of commonly used programs. It leaves loc sitting
 ?X: around for other Configure units to use, but arranges for its demise
 ?X: at the end of Configure.
 ?X:
 ?X: To add a new program to find, add it both to the ?MAKE: line and to either
 ?X: the loclist or trylist variable.
 ?X:
 ?X: I put startsh at the end of the dependency list, in order to avoid the
 ?X: loading of the spitshell unit before the instructions.
 ?X:
 ?MAKE:Loc awk ar bash bison byacc cat chgrp chmod chown \
 comm compress cp cpio cpp csh date echo egrep emacs expr find flex \
 gmake gzip grep inews ksh less line lint ln lp lpr ls mail mailx \
 make mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
 shar sleep smail sort
 submit tail tar tbl tee test touch tr troff \
 uname uniq uuname vi zcat zip: eunicefix n c startsh Instruct sysroot
 ?MAKE: -pick weed \$@ %<
 ?LINT:describe awk ar bash bison byacc cat chgrp chmod chown \
 comm compress cp cpio cpp csh date echo egrep emacs expr find flex \
 gmake gzip grep inews ksh less line lint ln lp lpr ls mail mailx \
 make mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
 shar sleep smail sort submit tail tar tbl tee test touch tr troff \
 uname uniq uuname vi zcat zip

```

?V::pth loclist trylist
?F:./loc test_h
?T:thisthing thing xxx dir file say _test DJGPP
?LINT:change PATH _egrep _ln _make _less
?LINT:extern _exe
: find out where common programs are
echo " "
echo "Locating common programs..." >&4
cat <<EOESC >loc
$startsh
case $# in
0) exit 1;;
esac
thing=\$1
shift
dflt=\$1
shift
for dir in \$*; do
case "\$thing" in
.)
if test -d \$dir/\$thing; then
echo \$dir
exit 0
fi
;;
*)
?X: Be careful in case thing includes wildcards that might expand
to multiple
?X: files. Choose the last one. This happens when searching for shared
?X: libraries with version numbers. How to choose which one we want is
?X: probably an insoluble problem, in general.
?X: Some folks leave things like libc.so.orig around w/o read
?X: permission. A -r test would handle that, but since ./loc is
?X: also used to find executables (which are installed w/o read
?X: permission on SCO ODT 3.0, we can't include the -r test.
?X: If you need to use an _exe that is different from .exe
?X: you need to set it in Head.U.
for thisthing in \$dir/\$thing; do
: just loop through to pick last item
done
if test -f \$thisthing; then
echo \$thisthing
exit 0
elif test "X$_exe" != X -a -f \$thisthing$_exe; then
echo \$thisthing
exit 0
elif test -f \$dir/\$thing.exe; then
if test -n "$DJGPP"; then

```

```

    echo \${dir}\$thing.exe
    elif test "$eunicefix" != ":"; then
    : on Eunice apparently
    echo \${dir}\$thing
    fi
    exit 0
    fi
    ;;
    esac
done
echo \${dflt}
exit
1
EOSC
chmod +x loc
$eunicefix loc
loclist="
?awk:awk
?cat:cat
?chgrp:chgrp
?chmod:chmod
?chown:chown
?comm:comm
?cp:cp
?echo:echo
?expr:expr
?find:find
?grep:grep
?ls:ls
?mkdir:mkdir
?mv:mv
?rm:rm
?sed:sed
?sleep:sleep
?sort:sort
?tail:tail
?touch:touch
?tr:tr
?uniq:uniq
"
trylist="
?Mcc:Mcc
?ar:ar
?bash:bash
?bison:bison
?byacc:byacc
?compress:compress
?cpio:cpio

```


?cpp:cpp
 ?csh:csh
 ?date:date
 ?egrep:egrep
 ?emacs:emacs
 ?flex:flex
 ?gmake:gmake
 ?gzip:gzip
 ?inews:inews
 ?ksh:ksh
 ?less:less
 ?line:line
 ?lint:lint
 ?ln:ln
 ?lp:lp
 ?lpr:lpr
 ?mail:mail
 ?mailx:mailx
 ?make:make
 ?more:more
 ?nm:nm
 ?nroff:nroff
 ?perl:perl
 ?pg:pg
 ?pmake:pmake
 ?pr:pr
 ?rmail:rmail
 ?sendmail:sendmail
 ?shar:shar
 ?smail:smail
 ?submit:submit
 ?tar:tar
 ?tbl:tbl
 ?tee:tee
 ?test:test
 ?troff:troff
 ?uname:uname
 ?uuname:uuname
 ?vi:vi
 ?zcat:zcat
 ?zip:zip
 "
 ?LINT:set awk ar bash bison byacc cat chgrp chmod chown \
 comm compress cp cpio cpp csh date echo emacs expr find flex \
 gmake gzip grep inews ksh line lint lp lpr ls mail mailx \
 \
 mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
 shar sleep smail sort submit tail tar tbl tee touch tr troff \

```

uname uniq uuname vi zcat zip
pth=`echo $PATH | sed -e "s/$p_/ /g"`
pth="$pth $sysroot/lib $sysroot/usr/lib"
for file in $loclist; do
?X:
?X: Allow them to -Dmake=pmake on the command line for instance...
?X: If the file is not fully qualified, as in -Dmake=pmake, then we
?X: look the for the specified command (pmake here). If they say
?X: -Dmake=/sbin/make for instance, then we make sure the file
?X: exists, or we die...
?X:
eval xxx=\$$file
case "$xxx" in
/*|?:[\\/]*)
if test -f "$xxx"; then
: ok
else
echo "WARNING: no $xxx -- ignoring your setting for $file." >&4
xxx=`./loc $file $file $pth`
fi
;;
") xxx=`./loc $file $file $pth`;
*) xxx=`./loc $xxx $xxx $pth`;
esac
eval $file=$xxx$_exe
eval _$file=$xxx
case "$xxx" in
/*)
echo $file is in $xxx.
;;
?X: Under OS/2, we have PC-like paths
?:[\\/]*)
echo $file is in $xxx.
;;
*)
echo
"I don't know where '$file' is, and my life depends on it." >&4
echo "Go find a public domain implementation or fix your PATH setting!" >&4
exit 1
;;
esac
done
echo " "
echo "Don't worry if any of the following aren't found..."
say=offhand
for file in $trylist; do
?X: Allow them to -Dmake=pmake on the command line for instance (see above)
eval xxx=\$$file

```

```

case "$xxx" in
/*|?:[\\|/]*)
if test -f "$xxx"; then
: ok
else
echo "WARNING: no $xxx -- ignoring your setting for $file." >&4
xxx=`./loc $file $file $pth`
fi
;;
*) xxx=`./loc $file $file $pth`;
*) xxx=`./loc $xxx $xxx $pth`;
esac
eval $file=$xxx$_exe
eval _$file=$xxx
case "$xxx" in
/*)
echo $file is in $xxx.
;;
?X: Under OS/2, we have PC-like paths
?:[\\|/]*)
echo $file is in $xxx.
;;
*)
echo "I don't see $file out there, $say."
say=either
;;
esac
done
case "$egrep" in
egrep)
echo "Substituting grep for egrep."
egrep=$grep
_egrep=$grep
;;
esac
@if less
case "$less"
in
") ;;
*) if $less -R </dev/null >/dev/null 2>&1; then
echo "Substituting less -R for less."
less="$less -R"
_less=$less
fi
;;
esac
@end
@if ln

```

```

case "$ln" in
ln)
echo "Substituting cp for ln."
ln=$cp
_ln=$cp
;;
esac
@end
@if make || gmake
case "$make" in
make)
case "$gmake" in
gmake)
echo "I can't find make or gmake, and my life depends on it." >&4
echo "Go find a public domain implementation or fix your PATH setting!" >&4
exit 1
;;
esac
;;
esac
case "$gmake" in
gmake) ;;
*) # We can't have osname yet.
if test -f "/system/gnu_library/bin/ar.pm"; then # Stratus VOS
# Assume that gmake, if found, is definitely GNU make
# and prefer it over the system make.
echo "Substituting gmake for make."
make=$gmake
_make=$gmake
fi
;;
esac
@end
case "$test" in
test)
echo "Hopefully test is built into your sh."
;;
*)
if `sh -c "PATH= test true" >/dev/null 2>&1`; then
echo "Using the test built into your sh."
?X:
?X: We need to set both test
and _test, since Oldconfig.U will use the _test
?X: value to systematically restore computed paths, which may be wrong if
?X: we choose to load an old config.sh generated on another platform.
?X:
test=test
_test=test

```

```

fi
;;
esac
?LINT:change n c
case "$echo" in
echo)
echo "Hopefully echo is built into your sh."
;;
?X: For those rare cases where we don't need $echo...
") ;;
*)
echo " "
echo "Checking compatibility between $echo and builtin echo (if any)..." >&4
$echo $n "hi there$c" >foo1
echo $n "hi there$c" >foo2
if cmp foo1 foo2 >/dev/null 2>&1; then
echo "They are compatible. In fact, they may be identical."
else
case "$n" in
'-n') n=" c='\c';;
*) n='-n' c="";;
esac
cat <<FOO

```

They are not compatible! You are probably running ksh on a non-USG system. I'll have to use \$echo instead of the builtin, since Bourne shell doesn't have echo built in and we may have to run some Bourne shell scripts. That means I'll have to use '\$n\$c' to suppress newlines now.

Life is ridiculous.

```

FOO
$echo $n "The star should be here-->$c"
$echo "*"
fi
$rm -f foo1 foo2
;;
esac

```

?X: The next part is irrelevant to the real process
This question was auctioned at YAPC::Europe-2007 in Vienna
I never promised you could answer it. I only auctioned the question.
cat <<FOO

The following message is sponsored by

Dresden.pm<--The stars should be here.

Dear Perl user, system administrator or package maintainer, the Perl community sends greetings to you. Do you (emblematical) greet back [Y/n]? n

FOO

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Loc.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: man1dir.U,v 3.2 1999/07/08 20:57:21 doughera Exp doughera \$

?RCS:

?RCS: Copyright (c) 1996, 1999 Andy Dougherty

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: man1dir.U,v \$

?RCS: Revision 3.2 1999/07/08 20:57:21 doughera

?RCS: Used installprefix.

?RCS:

?RCS: Revision 3.1 1999/07/08 20:52:19 doughera

?RCS: Updated for perl5.005_5x

?RCS:

?RCS: Revision 3.0.1.1 1997/02/28 16:10:29 ram

?RCS: patch61: created

?RCS:

?X: This was originally specific to perl5. Since perl5 has man pages that

?X: go in both man1/ and man3/ directories, we need both man1dir

?X: and

man3dir. This unit is basically dist's mansrc.U with

?X: man1 used instead of man everywhere.

?X:

?MAKE:man1dir man1direxp man1ext installman1dir: cat nroff Loc Oldconfig \

spackage test Getfile Setprefixvar Prefixit Prefixup sysman Myread \

prefixexp

?MAKE: -pick add \$@ %<

?Y:TOP

?D:man1dir="

?S:man1dir:

?S: This variable contains the name of the directory in which manual

?S: source pages are to be put. It is the responsibility of the

?S: Makefile.SH to get the value of this into the proper command.

?S: You must be prepared to do the ~name expansion yourself.

?S:.

?D:man1direxp="

?S:man1direxp:
 ?S: This variable is the same as the man1dir variable, but is filename
 ?S: expanded at configuration time, for convenient use in makefiles.
 ?S:.
 ?D:installman1dir="
 ?S:installman1dir:
 ?S: This variable is really the same as man1direxp, unless you are using
 ?S: AFS in which case it points to the read/write location whereas
 ?S: man1direxp only points to the read-only access location.
 For extra
 ?S: portability, you should only use this variable within your makefiles.
 ?S:.
 ?S:man1ext:
 ?S: This variable contains the extension that the manual page should
 ?S: have: one of 'n', 'l', or '1'. The Makefile must supply the '!'.
 ?S: See man1dir.
 ?S:.
 ?T:lookpath
 ?LINT:change prefixvar
 ?LINT:set man1direxp
 : determine where manual pages go
 set man1dir man1dir none
 eval \$prefixit
 \$cat <<EOM

\$spackage has manual pages available in source form.
 EOM
 case "\$nroff" in
 nroff)
 echo "However, you don't have nroff, so they're probably useless to you."
 case "\$man1dir" in
 ") man1dir="none";;
 esac;;
 esac
 echo "If you don't want the manual sources installed, answer 'none'."
 case "\$man1dir" in
 ') dflt=none
 ;;
 ")
 lookpath="\$prefixexp/share/man/man1"
 lookpath="\$lookpath \$prefixexp/man/man1 \$prefixexp/man/l_man/man1"
 lookpath="\$lookpath \$prefixexp/man/p_man/man1"
 lookpath="\$lookpath \$prefixexp/man/u_man/man1"
 lookpath="\$lookpath \$prefixexp/man/man.1"
 ?X: Experience has shown people
 expect man1dir to be under prefix,
 ?X: so we now always put it there. Users who want other behavior
 ?X: can answer interactively or use a command line option.

?X: Does user have System V-style man paths.

```
case "$sysman" in
*/?_man*) dflt=`./loc . $prefixexp/l_man/man1 $lookpath` ;;
*) dflt=`./loc . $prefixexp/man/man1 $lookpath` ;;
esac
set dflt
eval $prefixup
;;
*) dflt="$man1dir"
;;
esac
echo " "
fn=dn+~
rp="Where do the main $spackage manual pages (source) go?"
./getfile
if $test "X$man1direxp" != "X$ansexp"; then
installman1dir="
fi
prefixvar=man1dir
./setprefixvar
```

```
case "$man1dir" in
") man1dir=' '
installman1dir=";;
esac
```

: What suffix to use on installed man pages

```
case "$man1dir" in
' ')
man1ext='0'
;;
*)
rp="What suffix should be used for the main $spackage man pages?"
case "$man1ext" in
") case "$man1dir" in
*1) dflt=1 ;;
*1p) dflt=1p ;;
*1pm) dflt=1pm ;;
*1) dflt=1;;
*n) dflt=n;;
*o) dflt=o;;
*p) dflt=p;;
*C) dflt=C;;
*L) dflt=L;;
*L1)
dflt=L1;;
*) dflt=1;;
```



```
esac
;;
*) dflt="$man1ext";;
esac
./myread
man1ext="$ans"
;;
esac
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/man1dir.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_shmat.U,v 3.0.1.3 1995/07/25 14:04:23 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_shmat.U,v $
?RCS: Revision 3.0.1.3 1995/07/25 14:04:23 ram
?RCS: patch56: use findhdr to find <sys/shm.h>, to get the right one (ADO)
?RCS:
?RCS: Revision 3.0.1.2 1994/05/13 15:18:56 ram
?RCS: patch27: added new symbol HAS_SHMAT_PROTOTYPE (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/05/06 14:54:18 ram
?RCS: patch23: new Shmat_t symbol to declare return type of shmat()
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:18 ram
?RCS: Baseline for dist 3.0 netwide
release.
?RCS:
?MAKE:d_shmat shmattype d_shmatprototype: Inlibc cat +cc +ccflags \
rm cppstdin cppflags cppminus Findhdr Setvar contains
?MAKE: -pick add $@ %<
?S:d_shmat:
?S: This variable conditionally defines the HAS_SHMAT symbol, which
?S: indicates to the C program that the shmat() routine is available.
?S:.
?S:shmattype:
?S: This symbol contains the type of pointer returned by shmat().
?S: It can be 'void *' or 'char *'.
```

?S:
?S:d_shmatprototype:
?S: This variable conditionally defines the HAS_SHMAT_PROTOTYPE
?S: symbol, which indicates that sys/shm.h has a prototype for
?S: shmat.
?S:
?C:HAS_SHMAT:
?C: This symbol, if defined, indicates that the shmat() routine is
?C: available to attach a shared memory segment to the process space.
?C:
?C:Shmat_t:
?C: This symbol holds the return type of the shmat() system call.
?C: Usually set to 'void *' or 'char *'.
?C:
?C:HAS_SHMAT_PROTOTYPE:
?C: This symbol, if defined, indicates that the sys/shm.h includes
?C: a prototype for shmat().
Otherwise, it is up to the program to
?C: guess one. Shmat_t shmat(int, Shmat_t, int) is a good guess,
?C: but not always right so it should be emitted by the program only
?C: when HAS_SHMAT_PROTOTYPE is not defined to avoid conflicting defs.
?C:
?H:#\$d_shmat HAS_SHMAT /**/
?H:#define Shmat_t \$shmattype /**/
?H:#\$d_shmatprototype HAS_SHMAT_PROTOTYPE /**/
?H:
?LINT:set d_shmat d_shmatprototype
?T:xxx
: see if shmat exists
set shmat d_shmat
eval \$inlibc
: see what shmat returns
case "\$d_shmat" in
"\$define")
\$cat >shmat.c <<'END'
#include <sys/shm.h>
void *shmat();
END
if \$cc \$cflags -c shmat.c >/dev/null 2>&1; then
shmattype='void *'
else
shmattype='char *'
fi
echo "and it returns (\$shmattype)." >&4
: see if a prototype for shmat is available
xxx=`./findhdr sys/shm.h`
\$cppstdin \$cppflags \$cppminus < \$xxx > shmat.c 2>/dev/null
if \$contains 'shmat.*(' shmat.c >/dev/null 2>&1; then

```

val="$define"
else
val="$undef"
fi
$rm -f shmat.[co]
;;
*)
val="$undef"
;;
esac
set
d_shmatprototype
eval $setvar

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_shmat.U
```

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?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: patchlevel.U,v \$

?RCS: Revision 3.0.1.1 1997/02/28 16:18:41 ram

?RCS: patch61: added support for src.U

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:31 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:patchlevel: package baserev test rsrc

?MAKE: -pick add \$@ %<

?T:Revision

?S:patchlevel:

?S: The patchlevel level of this package.

?S: The value of patchlevel comes from the patchlevel.h file.

?S:.

: get the patchlevel

echo " "

echo "Getting the current patchlevel..." >&4

if \$test -r

```

$src/patchlevel.h;then
patchlevel=`awk \
  /^#[ ]*define[ ]*[ ]*PATCHLEVEL/ {print $3}'\
  < $src/patchlevel.h`
else
patchlevel=0
fi
echo "(You have $package $baserev PL,$patchlevel.)"

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/patchlevel.U

```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS: that same Artistic License; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: sysman.U,v \$

?RCS: Revision 3.0.1.2 1994/06/20 07:08:43 ram

?RCS: patch30: now explicitly states that /usr/man/man1 is the default

?RCS: patch30: added /usr/local/man/man1 to the search list

?RCS:

?RCS: Revision 3.0.1.1 1993/09/13 16:13:50 ram

?RCS: patch10: added support for /local/man/man1 (WAD)

?RCS: patch10: added temporary syspath variable to cut down on line length

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:55 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:sysman: test

Loc Oldconfig

?MAKE: -pick add \$@ %<

?S:sysman:

?S: This variable holds the place where the manual is located on this

?S: system. It is not the place where the user wants to put his manual

?S: pages. Rather it is the place where Configure may look to find manual

?S: for unix commands (section 1 of the manual usually). See mansrc.

?S:.

?T:syspath

: determine where manual pages are on this system

echo " "

```

case "$sysman" in
")
syspath='/usr/share/man/man1 /usr/man/man1'
syspath="$syspath /usr/man/mann /usr/man/man1 /usr/man/local/man1"
syspath="$syspath /usr/man/u_man/man1 /usr/share/man/man1"
syspath="$syspath /usr/catman/u_man/man1 /usr/man/l_man/man1"
syspath="$syspath /usr/local/man/u_man/man1 /usr/local/man/l_man/man1"
syspath="$syspath /usr/man/man.L /local/man/man1 /usr/local/man/man1"
sysman=`./loc . /usr/man/man1 $syspath`
;;
esac
if $test -d "$sysman"; then
echo "System manual is in $sysman." >&4
else
echo "Could not find manual pages in source form." >&4
fi

```

Found

in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sysman.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_scandir.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: as specified in the README file that comes with the distribution.
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```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_scandir.U,v $
```

```
?RCS: Revision 3.0.1.1 1994/01/24 14:06:35 ram
```

```
?RCS: patch16: created
```

```
?RCS:
```

```
?MAKE:d_scandir: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_scandir:
```

```
?S: This variable conditionally defines HAS_SCANDIR if scandir() is
```

```
?S: available to scan a directory.
```

```
?S:.
```

```
?C:HAS_SCANDIR:
```

```
?C: This symbol, if defined, indicates that the scandir routine is
```

```
?C: available to scan a directory.
```

```
?C:.
```

```
?H:#$d_scandir HAS_SCANDIR /**/
```

?H:
?LINT:set d_scandir
: see if
scandir exists
set scandir d_scandir
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_scandir.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_socket.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 15:46:00 ram

?RCS: patch61: replaced .a with \$_a all over the place

?RCS:

?RCS: Revision 3.0.1.1 1994/01/24 14:08:04 ram

?RCS: patch16: can now safely declare private nm_extract in dependencies

?RCS:

?RCS: Revision 3.0 1993/08/18 12:07:26 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_socket d_oldsock d_socketpair socketlib sockethdr: contains libc \

echo n c nm_opt nm_extract Inlibc Csym _a

?MAKE: -pick add \$@ %<

?S:d_socket:

?S: This

variable conditionally defines HAS_SOCKET, which indicates

?S: that the BSD socket interface is supported.

?S:.

?S:d_socketpair:

?S: This variable conditionally defines the HAS_SOCKETPAIR symbol, which

?S: indicates that the BSD socketpair() is supported.

?S:.

?S:d_oldsock:

?S: This variable conditionally defines the OLDSOCKET symbol, which

?S: indicates that the BSD socket interface is based on 4.1c and not 4.2.

?S:.

?S:socketlib:
 ?S: This variable has the names of any libraries needed for socket support.
 ?S:.
 ?S:sockethdr:
 ?S: This variable has any cpp -I flags needed for socket support.
 ?S:.
 ?C:HAS_SOCKET (SOCKET):
 ?C: This symbol, if defined, indicates that the BSD socket interface is
 ?C: supported.
 ?C:.
 ?C:HAS_SOCKETPAIR (SOCKETPAIR):
 ?C: This symbol, if defined, indicates that the BSD socketpair() call is
 ?C: supported.
 ?C:.
 ?C:USE_OLD_SOCKET (OLDSOCKET):
 ?C: This symbol, if defined, indicates that the 4.1c BSD socket interface
 ?C: is supported instead of the 4.2/4.3 BSD
 ?C: socket interface. For instance,
 ?C: there is no setsockopt() call.
 ?C:.
 ?H:#\$d_socket HAS_SOCKET /**/
 ?H:#\$d_socketpair HAS_SOCKETPAIR /**/
 ?H:#\$d_oldsock USE_OLD_SOCKET /**/
 ?H:.
 ?T:val
 ?LINT:use libc
 ?LINT:set d_socketpair
 : see whether socket exists
 socketlib="
 sockethdr="
 echo " "
 \$echo \$n "Hmm... \$c" >&4
 if set socket val -f d_socket; eval \$csym; \$val; then
 echo "Looks like you have Berkeley networking support." >&4
 d_socket="\$define"
 ?X: now check for advanced features
 if set setsockopt val -f; eval \$csym; \$val; then
 d_oldsock="\$undef"
 else
 echo "...but it uses the old 4.1c interface, rather than 4.2" >&4
 d_oldsock="\$define"
 fi
 else
 ?X: HP-UX, for one, puts all the socket stuff in socklib.o. Note that if we
 ?X: come here on HP-UX, then we must have used nm to get symbols, or we really
 ?X: don't have sockets anyway...
 if \$contains socklib libc.list >/dev/null 2>&1; then
 echo "Looks like you have Berkeley networking support." >&4

```

d_socket="$define"
: we will have
to assume that it supports the 4.2 BSD interface
d_oldsock="$undef"
else
echo "You don't have Berkeley networking in libc$_a..." >&4
?X: look for an optional networking library
if test -f /usr/lib/libnet$_a; then
?X: space between two '(' needed for ksh
( (nm $nm_opt /usr/lib/libnet$_a | eval $nm_extract) || \
ar t /usr/lib/libnet$_a 2>/dev/null >> libc.list
if $contains socket libc.list >/dev/null 2>&1; then
echo "...but the Wollongong group seems to have hacked it in." >&4
socketlib="-lnet"
sockethdr="-I/usr/netinclude"
d_socket="$define"
?X: now check for advanced features
if $contains setsockopt libc.list >/dev/null 2>&1; then
d_oldsock="$undef"
else
echo "...using the old 4.1c interface, rather than 4.2" >&4
d_oldsock="$define"
fi
else
echo "or even in libnet$_a, which is peculiar." >&4
d_socket="$undef"
d_oldsock="$undef"
fi
else
echo "or anywhere else I see." >&4
d_socket="$undef"
d_oldsock="$undef"
fi
fi
fi

@if
HAS_SOCKETPAIR || d_socketpair
: see if socketpair exists
set socketpair d_socketpair
eval $inlibc

@end

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_socket.U

```


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```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_nanosleep: Inlibc
?MAKE: -pick add $@ %<
?S:d_nanosleep:
?S: This variable conditionally defines HAS_NANOSLEEP
?S: if nanosleep() is available to sleep with 1E-9 sec accuracy.
?S:.
?C:HAS_NANOSLEEP:
?C: This symbol, if defined, indicates that the nanosleep
?C: system call is available to sleep with 1E-9 sec accuracy.
?C:.
?H:#$d_nanosleep HAS_NANOSLEEP /**/
?H:.
?LINT:set d_nanosleep
: see if nanosleep exists
set nanosleep d_nanosleep
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nanosleep.U
```

No license file was found, but licenses were detected in source scan.

```
# You may redistribute only under the terms of the Artistic Licence,
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/metalint
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/mconfig
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patbase
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patindex
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/manifake
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/bin/kitpost
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/patsend
*
/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/patsnap
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/manicheck
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/mlint
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/patcol
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/patmake
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/pateclean
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/patcil
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/makedist
*
/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/patname
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/bindex
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/makegloss
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/manilist
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/patnotify
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/metaconfig
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/pat
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/patdiff
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/jmake
*
/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/patpost
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/lib/errnolist.mk
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/jmkmf
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/bin/kitsend

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/makeSH
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/files/fixcpp
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patftp
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/packinit
*
/opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patlog
```

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d_log1p: Inlibc

?MAKE: -pick add \$@ %<

?S:d_log1p:

?S: This variable conditionally defines the HAS_LOG1P symbol, which

?S: indicates to the C program that the logp1() routine is available

?S: to compute $\log(1 + x)$ for values of x close to zero.

?S:.

?C:HAS_LOG1P:

?C: This symbol, if defined, indicates that the log1p routine is

?C: available to do the logarithm of 1 plus argument function.

?C:.

?H:#\$d_log1p HAS_LOG1P /**/

?H:.

?LINT:set d_log1p

: see if log1p exists

set log1p d_log1p

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_log1p.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Extract.U,v 3.0.1.2 1997/02/28 14:58:52 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

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?RCS: of the source tree for dist 3.0.

```

?RCS:
?RCS: $Log: Extract.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 14:58:52 ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29 15:51:46 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0 1993/08/18 12:04:52 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a shell script which can be doted in order to extract
?X: .SH files with variable substitutions.
?X:
?X: When running
?X: Configure from a remote directory ($src is not '.'),
?X: then the files will be created in that directory, so beware!
?X:
?MAKE:Extract: src
?MAKE: -pick add $@ %<
?F:./extract
?T:PERL_CONFIG_SH dir file name create mkdir_p
: script used to extract .SH files with variable substitutions
cat >extract <<'EOS'
PERL_CONFIG_SH=true
echo "Doing variable substitutions on .SH files..."
if test -f MANIFEST; then
set x `awk '{print $1}' < MANIFEST | grep \.SH$`
else
echo "(Looking for .SH files under the source directory.)"
set x `(cd "$src"; find . -name "*.SH" -print)`
fi
shift
case $# in
0) set x `(cd "$src"; echo *.SH)`; shift;;
esac
if test ! -f "$src/$1"; then
shift
fi
?X: script to emulate mkdir -p
mkdir_p='
name=$1;
create="";
while test $name; do
if test ! -d "$name"; then
create="$name $create";
name=`echo $name | sed -e "s|^[^/]*$||"`;

```

```

name=`echo $name | sed -e "s|(.*)/.*\|1|";
else
name="";
fi;
done;
for file in $create; do
mkdir $file;
done
'

for file in $*;
do
case "$src" in
".")
case "$file" in
*/*)
dir=`expr X$file : 'X|(.)/'`
file=`expr X$file : 'X.*^(.)'`
(cd "$dir" && ./$file)
;;
*)
./$file
;;
esac
;;
*)
?X:
?X: When running Configure remotely ($src is not '.'), we cannot source
?X: the files directly, since that would wrongly cause the extraction
?X: where the source lie instead of withing the current directory. Therefore,
?X: we need to 'sh <file' then, which is okay since they will source the
?X: existing config.sh file. It's not possible to use:
?X: ../src/Configure -S -O -Dsomething
?X: unfortunately since no new config.sh with the -Dsomething override
?X: will be created before running the .SH files. A minor buglet.
?X:
?X: Note that we must create the directory hierarchy ourselves if it does
?X: not exist already, and that is done through a shell emulation of the
?X: 'mkdir -p' command. We don't want to use the $installdir metaconfig
?X: symbol here since that would require too much to
be configured for
?X: this simple extraction task that may happen quickly with 'Configure -S'.
?X: -- RAM, 18/03/96
?X:
case "$file" in
*/*)
dir=`expr X$file : 'X|(.)/'`
file=`expr X$file : 'X.*^(.)'`
(set x $dir; shift; eval $mkdir_p)

```

```

sh <"$src/$dir/$file"
;;
*)
sh <"$src/$file"
;;
esac
;;
esac
done
if test -f "$src/config_h.SH"; then
if test ! -f config.h; then
: oops, they left it out of MANIFEST, probably, so do it anyway.
. "$src/config_h.SH"
fi
fi
EOS

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Extract.U
```

No license file was found, but licenses were detected in source scan.

```

?RCS: $Id: i_whoami.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_whoami.U,v $
?RCS: Revision 3.0.1.1 1993/08/25 14:02:21 ram
?RCS: patch6: added default for i_whoami
?RCS:
?RCS: Revision 3.0 1993/08/18 12:08:50 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_whoami: Inhdr
?MAKE: -pick add $@ %<
?S:i_whoami (d_whoami):
?S: This variable conditionally defines the I_WHOAMI symbol, which
?S: indicates to the C program that it should include <whoami.h>.
?S:.
?C:I_WHOAMI (WHOAMI):
?C: This symbol,

```

if defined, indicates that the program may include

?C: <whoami.h>.

?C:.

?H:#\$i_whoami I_WHOAMI /**/

?H:.

?D:i_whoami="

?LINT:set i_whoami

: see if there is a whoami.h file

set whoami.h i_whoami

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_whoami.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: modetype.U,v 3.0.1.1 1994/10/29 16:25:07 ram Exp \$

?RCS:

?RCS: Copyright (c) 1991-1993, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>

?RCS:

?RCS: \$Log: modetype.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:25:07 ram

?RCS: patch36: created by ADO

?RCS:

?MAKE:modetype: Myread Typedef

?MAKE: -pick add \$@ %<

?S:modetype:

?S: This variable defines modetype to be something like mode_t,

?S: int, unsigned short, or whatever type is used to declare file

?S: modes for system calls.

?S:.

?C:Mode_t:

?C: This symbol holds the type used to declare
file modes

?C: for systems calls. It is usually mode_t, but may be

?C: int or unsigned short. It may be necessary to include <sys/types.h>

?C: to get any typedef'ed information.

?C:.

?H:#define Mode_t \$modetype /* file mode parameter for system calls */

?H:.

```
?LINT:set modetype
: see what type is used for mode_t
rp="What is the type used for file modes for system calls (e.g. fchmod())?"
set mode_t modetype int stdio.h sys/types.h
eval $stypedef_ask
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/modetype.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

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```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: d_getpwent.U,v $
```

```
?RCS: Revision 3.0 1993/08/18 12:06:17 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?MAKE:d_getpwent: Csym Setvar
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_getpwent:
```

```
?S: This variable conditionally defines the HAS_GETPWENT symbol, which
```

```
?S: indicates to the C program that it should use the getpwent()
```

```
?S: routine instead of the getpw() routine.
```

```
?S:.
```

```
?C:HAS_GETPWENT (GETPWENT):
```

```
?C: This symbol, if defined, indicates that the getpwent() routine
```

```
?C: should be used instead of the getpw()
```

```
routine.
```

```
?C:.
```

```
?H:#$d_getpwent HAS_GETPWENT /**/
```

```
?H:.
```

```
?LINT:set d_getpwent
```

```
: see if there is a getpwent
```

```
echo " "
```

```
if set getpwent val -f d_getpwent; eval $csym; $val; then
```

```
echo "getpwent() found." >&4
```

```
val="$define"
```

```
else
```

```
echo "No getpwent() found -- will use getpw() instead." >&4
```

```
val="$undef"
```



```
fi
set d_getpwent
eval $setvar
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getpwent.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: mkdep.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

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?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
```

```
?RCS: $Log: mkdep.U,v $
```

```
?RCS: Revision 3.0.1.4 1997/02/28 16:13:07 ram
```

```
?RCS: patch61: replaced .o with $_o all over the place
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.3 1994/10/29 16:25:02 ram
```

```
?RCS: patch36: added ?F: line for metalint file checking
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.2 1994/01/24 14:15:12 ram
```

```
?RCS: patch16: cppflags is now an optional dependency
```

```
?RCS:
```

```
?RCS: Revision 3.0.1.1 1993/12/15 08:22:39 ram
```

```
?RCS: patch15: force zero exit status in all mkdep scripts
```

```
?RCS:
```

```
?RCS:
```

```
Revision 3.0 1993/08/18 12:09:16 ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
```

```
?X:
```

```
?X: This unit generates the script 'mkdep' in the top-level directory.
```

```
?X: It is up to the makefile to use it for automatic dependencies
```

```
?X: generation (usage: 'mkdep [cppflags] -- *.c').
```

```
?X:
```

```
?MAKE:mkdep: spitshell startsh cpp +cppflags grep contains rm sed sort uniq \
```

```
Getfile Oldconfig eunicefix cat +cc cppminus test pkgsrc _o
```

```
?MAKE: -pick add $@ %<
```

```
?S:mkdep:
```

```
?S: This variable holds the name of a command to generate makefile
```

```
?S: dependencies on the standard output. It is the pathname of the
```

```
?S: generated mkdep script.
```

```
?S:.
?F:mkdep
?T:IFS arg flags takeflags srcfile toplev filebase inc dir files file dep c
: find out how to generate dependencies
echo " "
echo "Checking how to generate makefile dependencies on your machine..." >&4
?X: We are in the UU directory
toplev=`cd ../pwd`
$cat >dep.c <<'EOCP'
#include "dep.h"
EOCP
?X: Empty dep.h causes RIOS to barf
$cat >dep.h <<'EOCP'
```

```
EOCP
takeflags='flags=""
case
"$@" in
*_*)
for arg
do
shift
case "$arg" in
--) break;;
*) flags="$flags $arg";;
esac
done;;
esac'
case "$mkdep" in
")
;;
*)
if test -f "$mkdep" &&
$mkdep dep.c >dep.out 2>/dev/null &&
$contains "dep$_o:.*dep\.h" dep.out >/dev/null 2>&1
then
echo "$mkdep works."
```

?X: If they copied a config.sh from some other place, they'll have a working
?X: mkdep script probably, but not located at the top of the sources. And
?X: the Makefiles generated by jmake expect an mkdep script in the top dir.

```
case "$mkdep" in
"$pkgsrc/mkdep");;
*) echo "(copying it to $pkgsrc)"
cp $mkdep $pkgsrc/mkdep 2>/dev/null
if $pkgsrc/mkdep dep.c >dep.out 2>/dev/null &&
$contains "dep$_o:.*dep\.h" dep.out >/dev/null 2>&1; then
mkdep=$pkgsrc/mkdep
else
```

```

    echo "Hmm... The copy failed or something... Guessing again..."
    mkdep=
fi
;;
esac
else
    mkdep=
fi
esac

```

```

case "$mkdep" in
")
?X: have to figure something out: Try cpp
?X: have
to pass source names one by one to cpp...
$spitshell > ../mkdep <<EOM
$startsh
$takeflags
for srcfile
do
    $cpp -M $cppflags \ $flags \ $srcfile 2>/dev/null
done
exit 0
EOM
mkdep=$toplev/mkdep
chmod +x $mkdep
$eunicefix $mkdep
if $mkdep dep.c >dep.out 2>/dev/null &&
    $contains "dep$_o:.*dep\.h" dep.out >/dev/null 2>&1
then
    echo "Looks like we can use $cpp -M."
else
    mkdep=
fi
;;
esac

```

```

case "$mkdep" in
")
?X: have to figure something out: on NeXT, use cc -MM
?X: have to pass source names one by one to cc...
$spitshell > ../mkdep <<EOM
$startsh
$takeflags
for srcfile
do
    $cc -MM $cppflags \ $flags \ $srcfile 2>/dev/null
done

```

```

exit 0
EOM
mkdep=$toplev/mkdep
chmod +x $mkdep
$unicefix $mkdep
if $mkdep dep.c >dep.out 2>/dev/null &&
  $contains "dep$_o: dep.h" dep.out >/dev/null 2>&1
then
  echo "Looks like we can use $cc -MM."
else
  mkdep=
fi
;;
esac

case "$mkdep" in
")
?X: still no luck -- try something fancier.
  $spitshell >../mkdep <<EOS
$startsh
$takeflags
for srcfile
do
  case
  "$srcfile" in
  *.c) c='.c';;
  *.y) c='.y';;
  *.I) c='.I';;
  esac
  filebase=`basename $srcfile $c`
  <($srcfile $cpp $cppminus $cppflags $flags 2>/dev/null | \
  $sed -e '/^# *[0-9]/!d' \
  -e 's/^\.*"(.*)".*$/\${filebase}'_o: \1/' \
  -e 's| \./: |' \
  -e 's| *$|: "\$srcfile"|' | \
  $grep -v '^#' | $sort | $uniq
done
exit 0
EOS
mkdep=$toplev/mkdep
chmod +x $mkdep
$unicefix $mkdep
if $mkdep dep.c >dep.out 2>/dev/null &&
  $contains "dep$_o:.*dep.h" dep.out >/dev/null 2>&1
then
  echo "A shell script using $cpp does the trick."
else
  echo "$cpp doesn't seem to be any use at all."

```

```

$spitshell >../mkdep <<EOS
$startsh
$takeflags
files="\$@"
set X \$flags
shift
inc='.'
while test \$# -gt 0
do
case "\$1" in
-I)
shift
inc="\$inc:\$1"
;;
-I*)
dir=`echo \$1 | sed -e 's/^-I//\'
inc="\$inc:\$dir"
;;
esac
shift
done
set X \$files
shift
trap "$rm -f /tmp/mkdep\$\$; exit 1" 1 2 3 15
for srcfile
do
case "\$srcfile" in
*.c) c='.c';;
*.y) c='.y';;
*.l)
c='.l';;
esac
filebase=`basename \$srcfile \$c`
echo \$filebase$_o: \$srcfile
$grep '^#[ ]*include' \$srcfile /dev/null | \
$sed -n -e 's/#[ ]*include[ ]*// \
-e '<(.*>/ d' \
-e 's:[^"]*"([^\"]*)".*/: \1/' \
-e "s\.\c:\$_o:/p" > /tmp/mkdep\$\$
?X: Deal with directories specified via -I requests to locate files
IFS=' '
while read file dep; do
for dir in \$inc; do
if $test -f "\$dir/\$dep"; then
dep="\$dir/\$dep"
break
fi
done

```

```

echo "\$file: \$dep" | $sed -e 's: \./: ,'
done </tmp/mkdep\$\$
IFS=' '
$rm -f /tmp/mkdep\$\$
done
exit 0
EOS
mkdep=$stoplev/mkdep
chmod +x $mkdep
$eunicefix $mkdep
if $mkdep dep.c >dep.out 2>/dev/null &&
  $contains "dep$_o:.*dep\.h" dep.out >/dev/null 2>&1
then
  cat << EOM

```

I can use a script with grep instead, but it will make some incorrect dependencies, since it doesn't understand about conditional compilation. Moreover, some dependencies may be missing, because scanning won't be a

recursive process.

If you have a program which generates makefile dependencies, you may want to use it. If not, you can use the script and edit the Makefile by hand if you need to.

```

EOM
else
  mkdep=
  cat << EOM

```

I can't seem to generate makefile dependencies at all! Perhaps you have a program that does? If you don't, you might look at the mkdep script to see if you can create one which works.

```

EOM
fi
fi
esac
echo " "
dflt="$mkdep"
fn=f~/
rp="Name of program to make makefile dependencies?"
./getfile
mkdep="$ans"
$rm -f dep.c dep.h dep$_o dep.out

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mkdep.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_gethname.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_gethname.U,v \$

?RCS: Revision 3.0.1.1 1994/10/29 16:13:00 ram

?RCS: patch36: call ./xenix explicitly instead of relying on PATH

?RCS:

?RCS: Revision 3.0 1993/08/18 12:06:11 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_gethname d_uname d_phostname aphostname: phostname cat \
myhostname package d_portable Loc echo n c +i_whoami +usrinc \
Myread Guess Oldconfig Csym

?MAKE: -pick add \$@ %<

?S:d_gethname:

?S: This variable conditionally
defines the HAS_GETHOSTNAME symbol, which
?S: indicates to the C program that the gethostname() routine may be
?S: used to derive the host name.

?S:.

?S:d_uname:

?S: This variable conditionally defines the HAS_UNAME symbol, which
?S: indicates to the C program that the uname() routine may be
?S: used to derive the host name.

?S:.

?S:d_phostname:

?S: This variable conditionally defines the HAS_PHOSTNAME symbol, which
?S: contains the shell command which, when fed to popen(), may be
?S: used to derive the host name.

?S:.

?S:aphostname:

?S: This variable contains the command which can be used to compute the
?S: host name. The command is fully qualified by its absolute path, to make
?S: it safe when used by a process with super-user privileges.

?S:.

?C:HAS_GETHOSTNAME (GETHOSTNAME):

?C: This symbol, if defined, indicates that the C program may use the
?C: gethostname() routine to derive the host name. See also HAS_UNAME
?C: and PHOSTNAME.

?C:.

?C:HAS_UNAME (UNAME):

?C: This symbol,
if defined, indicates that the C program may use the
?C: uname() routine to derive the host name. See also HAS_GETHOSTNAME
?C: and PHOSTNAME.
?C:.

?C:PHOSTNAME:
?C: This symbol, if defined, indicates the command to feed to the
?C: popen() routine to derive the host name. See also HAS_GETHOSTNAME
?C: and HAS_UNAME. Note that the command uses a fully qualified path,
?C: so that it is safe even if used by a process with super-user
?C: privileges.
?C:.

?C:HAS_PHOSTNAME:
?C: This symbol, if defined, indicates that the C program may use the
?C: contents of PHOSTNAME as a command to feed to the popen() routine
?C: to derive the host name.
?C:.

```
?H:?%<:#$d_gethname HAS_GETHOSTNAME /**/
?H:?%<:#$d_uname HAS_UNAME /**/
?H:?%<:#$d_phostname HAS_PHOSTNAME /**/
?H:?%<:#ifdef HAS_PHOSTNAME
?H:?%<:#define PHOSTNAME "$aphostname" /* How to get the host name */
?H:?%<:#endif
?H:.
```

?T:file val call
?LINT:change i_whoami
: see how we will look up host name
echo " "
call="
@if HAS_GETHOSTNAME
if
set gethostname val -f d_gethname; eval \$scsym; \$val; then
echo 'gethostname() found.' >&4
d_gethname="\$define"
call=gethostname
fi
@end
@if HAS_UNAME
if set uname val -f d_uname; eval \$scsym; \$val; then
if ./xenix; then
\$cat <<'EOM'
uname() was found, but you're running xenix, and older versions of xenix
have a broken uname(). If you don't really know whether your xenix is old
enough to have a broken system call, use the default answer.
EOM
dflt=y
case "\$d_uname" in


```

"$define") dflt=n;;
esac
rp='Is your uname() broken?'
./myread
case "$ans" in
n*) d_uname="$define"; call=uname;;
esac
else
echo 'uname() found.' >&4
d_uname="$define"
case "$call" in
") call=uname ;;
esac
fi
fi
@end
case "$d_gethname" in
") d_gethname="$undef";;
esac
case "$d_uname" in
") d_uname="$undef";;
esac
@if PHOSTNAME || MYHOSTNAME
case "$d_uname$d_gethname" in
*define*)
dflt=n
cat <<EOM

```

Every now and then someone has a \$call() that lies about the hostname but can't be fixed

for political or economic reasons. If you wish, I can

```
@if MYHOSTNAME && PHOSTNAME
```

pretend \$call() isn't there and maybe compile in the hostname or compute it from the '\$phostname' command at run-time.

```
@elsif MYHOSTNAME
```

pretend \$call() isn't there and maybe compile in the hostname.

```
@elsif PHOSTNAME
```

pretend \$call() isn't there and maybe compute hostname at run-time thanks to the '\$phostname' command.

```
@elsif WHOAMI
```

get the hostname from whomai.h (provided you have one).

```
@else
```

simply ignore your host name and use something like "noname" instead.

```
@end
```

```
EOM
```

```
rp="Shall I ignore $call() from now on?"
```

```
./myread
```

```

case "$ans" in
y*) d_undef="$undef" d_gethname="$undef"; $echo $n "Okay...$c";;
esac;;
esac
@end
@if PHOSTNAME || aphostname
?X: Compute the full path name for the command
case "$phostname" in
") aphostname="";;
*) case "$aphostname" in
/*) ;;
*) set X $phostname
shift
file=$1
shift
file=`./loc $file $file $pth`
aphostname=`echo $file $*`
;;
esac
;;
esac
@end
@if
PHOSTNAME && MYHOSTNAME
case "$d_undef$d_gethname" in
*define*) ;;
*)
case "$phostname" in
") ;;
*)
$cat <<EOT

```

There is no gethostname() or uname() on this system. You have two possibilities at this point:

- 1) You can have your host name (\$myhostname) compiled into \$package, which lets \$package start up faster, but makes your binaries non-portable, or
- 2) you can have \$package use a

```
popen("$aphostname","r")
```

which will start slower but be more portable.

```
@ if WHOAMI
```

Option 1 will give you the option of using whoami.h if you have one.

```
@ end
```

If you want option 2 but with a different command, you can edit config.sh at the end of this shell script.

```

EOT
case "$d_phostname" in
"$define") dflt=n;;
"$undef") dflt=y;;
")
case "$d_portable" in
"$define") dflt=n ;;
*) dflt=y ;;
esac;;
esac
rp="Do you want your host name compiled in?"
. ./myread
case "$ans" in
n*) d_phostname="$define" ;;
*) aphostname=""; d_phostname="$undef";;
esac;;
esac
case
"$aphostname" in
")
@ if WHOAMI
case "$i_whoami" in
"$define")
dflt=y
$cat <<EOM

```

No hostname function--you can either use the whoami.h file, which has this line:

```
`grep sysname $usrinc/whoami.h`
```

or you can have the name we came up with earlier (\$myhostname) hardwired in.

```

EOM
rp="Use whoami.h to get hostname?"
. ./myread
case "$ans" in
n*) i_whoami="$undef";;
esac
;;
"$undef")
$cat <<EOM

```

No hostname function and no whoami.h -- hardwiring "\$myhostname".

```

EOM
;;
esac;;
@ else
echo 'No hostname function -- hardwiring "$myhostname"! '>&4;;
@ end

```

```

esac;;
esac
@elsif PHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
case "$phostname" in
")
@ if WHOAMI
case "$i_whoami" in
"$define")
$cat <<EOM

```

No hostname function--we'll use the whoami.h file, which has this line:

```
`grep sysname $usrinc/whoami.h`
```

```

EOM
;;
*) echo "There will be no way for $package to get your hostname." >&4;;
esac;;
@ else
echo "There will be no way
for $package to get your hostname." >&4;;
@ end
*)
echo "I'll use 'popen(\"\"$aphostname\", \"r\")\" to get your hostname." >&4
;;
esac;;
esac
@elsif MYHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
@ if WHOAMI
case "$i_whoami" in
"$define")
dflt=y
$cat <<EOM

```

No hostname function--you can either use the whoami.h file, which has this line:

```
`grep sysname $usrinc/whoami.h`
```

or you can have the name we came up with earlier (\$myhostname) hardwired in.

```

EOM
rp="Use whoami.h to get hostname?"
. ./myread

```

```

case "$ans" in
n*) i_whoami="$undef";;
esac
;;
"$undef")
echo 'No whoami.h--hardwiring "$myhostname".' >&4;;
esac;;
@ else
echo 'Hardwiring "$myhostname".' >&4;;
@ end
esac
@end
case "$d_phostname" in
") d_phostname="$undef";;
esac

```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_gethname.U
```

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: longsize.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: longsize.U,v \$

?RCS: Revision 3.0.1.2 1997/02/28 16:09:35 ram

?RCS: patch61: code moved to intsize.U

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 16:24:31 ram

?RCS: patch36: added ?F: line for metalint file checking

?RCS:

?RCS: Revision 3.0 1993/08/18 12:09:07 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: 'longsize' is now defined within intsize.U

?X:

?LINT: empty

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
```

5.30.0/dist/U/longsize.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i_sysstatvfs.U,v \$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i_sysstatvfs: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i_sysstatvfs:

?S: This variable conditionally defines the I_SYSSTATVFS symbol,

?S: and indicates whether a C program should include <sys/statvfs.h>.

?S:.

?C:I_SYS_STATVFS:

?C: This symbol, if defined, indicates that <sys/statvfs.h> exists and

?C: should be included.

?C:.

?H:#\$i_sysstatvfs I_SYS_STATVFS /**/

?H:.

?LINT:set i_sysstatvfs

: see if this is a sys/statvfs.h system

set sys/statvfs.h i_sysstatvfs

eval \$inhdr

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/i_sysstatvfs.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_gethid.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic Licence,

?RCS: as specified in the README file that comes with the distribution.

?RCS: You may reuse parts of this distribution only within the terms of

?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: d_gethid.U,v \$

?RCS: Revision 3.0 1993/08/18 12:06:10 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?MAKE:d_gethid: Inlibc

?MAKE: -pick add \$@ %<

?S:d_gethid:
?S: This variable conditionally defines HAS_GETHOSTID if gethostid() is
?S: available to get the host id.
?S:.
?C:HAS_GETHOSTID (GETHOSTID):
?C: This symbol, if defined, indicates that the gethostid system call is
?C: available to get the host id.
?C:.
?H:#\$d_gethid HAS_GETHOSTID /**/
?H:.
?LINT:set
d_gethid
: see if gethid exists
set gethostid d_gethid
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gethid.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_memmove.U 1 2006-08-24 12:32:52Z rmanfredi \$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: \$Log: d_memmove.U,v \$
?RCS: Revision 3.0 1993/08/18 12:06:35 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_memmove: Inlibc
?MAKE: -pick add \$@ %<
?S:d_memmove:
?S: This variable conditionally defines the HAS_MEMMOVE symbol, which
?S: indicates to the C program that the memmove() routine is available
?S: to copy potentially overlapping blocks of memory.
?S:.
?C:HAS_MEMMOVE:
?C: This symbol, if defined, indicates that the memmove routine
is available
?C: to copy potentially overlapping blocks of memory. This should be used
?C: only when HAS_SAFE_BCOPY is not defined. If neither is there, roll your
?C: own version.

?C:.
?H:#\$d_memmove HAS_MEMMOVE /**/
?H:.
?LINT:set d_memmove
: see if memmove exists
set memmove d_memmove
eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memmove.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_eofpipe.U,v 3.0.1.1 1994/10/29 16:12:40 ram Exp \$
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: \$Log: d_eofpipe.U,v \$
?RCS: Revision 3.0.1.1 1994/10/29 16:12:40 ram
?RCS: patch36: call ./bsd explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0 1993/08/18 12:05:57 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_eofpipe: Compile cat rm Oldconfig Guess echo n c
?MAKE: -pick add \$@ %<
?S:d_eofpipe:
?S: This variable conditionally defines the EOFPIPE symbol, which
?S: indicates to the C program that select will correctly detect
the EOF
?S: condition when pipe is closed from the other end.
?S:.
?C:EOFPIPE:
?C: This symbol, if defined, indicates that EOF condition will be detected
?C: by the reader of the pipe when it is closed by the writing process.
?C: That is, a select() call on that file descriptor will not block when
?C: only an EOF remains (typical behavior for BSD systems).
?C:.
?H:#\$d_eofpipe EOFPIPE /**/
?H:.
?F:!mpipe
: see if pipe correctly gives the EOF condition


```

echo " "
case "$d_eofpipe" in
")
echo "Let's see if your pipes return EOF to select() upon closing..." >&4
$cat >pipe.c <<'EOP'
int main()
{
int pd[2];
int mask;

pipe(pd);
if (0 == fork()) {
close(pd[0]);
close(pd[1]);
exit(0);
}

close(pd[1]);
mask = 1 << pd[0];
alarm(2);
select(32, &mask, (int *) 0, (int *) 0, (char *) 0);
if (0 == read(pd[0], &mask, 1))
exit(0);

exit(1);
}
EOP
set pipe
if eval $compile_ok; then
?X: Use a script to avoid the possible 'alarm call' message
echo "./pipe || exit 1" > mpipe
chmod
+x mpipe
./mpipe >/dev/null 2>&1
case $? in
0) d_eofpipe="$define";;
*) d_eofpipe="$undef";;
esac
else
echo "(The test program did not compile correctly -- Guessing.)"
if ./bsd; then
d_eofpipe="$define"
else
d_eofpipe="$undef"
fi
fi
case "$d_eofpipe" in
"$define") echo "Yes, they do.";;

```

```

*) echo "No, they don't! (sigh)";;
esac
;;
*)
$echo $n "Your pipes $c"
case "$d_eofpipe" in
"$define") echo "allow select() to see EOF upon closing.";;
*) echo "won't let select() see EOF on closing.";;
esac
;;
esac
$rm -f *pipe* core

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_eofpipe.U

```

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Tr.U,v \$

?RCS: Revision 3.0.1.2 1994/10/29 18:00:54 ram

?RCS: patch43: forgot to quote \$@ to protect against "evil" characters

?RCS:

?RCS: Revision 3.0.1.1 1994/10/29 15:58:35 ram

?RCS: patch36: created

?RCS:

?X:

?X: This unit produces a bit of shell code that must be dotted in in order

?X: to do a character translation. It catches translations to uppercase or

?X: to lowercase, and then invokes the real tr to perform the job.

?X:

?X: This unit is necessary on HP machines (HP strikes again!)

with non-ascii

?X: ROMAN8-charset, where normal letters are not arranged in a row, so a-z

?X: covers not the whole alphabet but lots of special chars. This was reported

?X: by Andreas Sahlbach <a.sahlbach@tu-bs.de>.

?X:

?X: Units performing a tr '[A-Z]' '[a-z]' or the other way round should include

?X: us in their dependency and use ./tr instead.

```

?X:
?MAKE:Tr: startsh tr eunicefix
?MAKE: -pick add $@ %<
?F:./tr
?T:up low LC_ALL
: see whether [:lower:] and [:upper:] are supported character classes
echo " "
case ""echo AbyZ | LC_ALL=C $tr '[:lower:]' '[:upper:]' 2>/dev/null`" in
ABYZ)
echo "Good, your tr supports [:lower:] and [:upper:] to convert case." >&4
up='[:upper:]'
low='[:lower:]'
;;
*) # There is a discontinuity in EBCDIC between 'I' and 'J'
   # (0xc9 and 0xd1), therefore that is a nice testing point.
   if test "X$up" = X -o "X$low" = X; then
   case ""echo IJ | LC_ALL=C $tr '[I-J]' '[i-j]' 2>/dev/null`" in
   ij) up='[A-Z]'
       low='[a-z]'
       ;;
   esac
   fi
if test "X$up" = X -o "X$low" = X; then
   case ""echo IJ | LC_ALL=C $tr I-J i-j 2>/dev/null`" in
   ij) up='A-Z'
       low='a-z'
       ;;
   esac
   fi
if test "X$up" = X -o "X$low" = X; then
   case ""echo IJ | od -x 2>/dev/null`" in
   *C9D1*|*c9d1*)
   echo "Hey, this might be EBCDIC." >&4
   if test "X$up" = X -o "X$low" = X; then
   case "`echo IJ | \
LC_ALL=C $tr '[A-IJ-RS-Z]' '[a-ij-rs-z]' 2>/dev/null`" in
   ij) up='[A-IJ-RS-Z]'
       low='[a-ij-rs-z]'
       ;;
   esac
   fi
if test "X$up" = X -o "X$low" = X; then
   case "`echo IJ | LC_ALL=C $tr A-IJ-RS-Z a-ij-rs-z 2>/dev/null`" in
   ij) up='A-IJ-RS-Z'
       low='a-ij-rs-z'
       ;;
   esac

```

```

fi
;;
    esac
fi
esac
case "`echo IJ | LC_ALL=C $tr \"$sup\" \"$low\" 2>/dev/null`" in
ij)
    echo "Using $sup and $low to convert case." >&4
    ;;
*)
    echo "I don't know how to translate letters from upper to lower case." >&4
    echo "Your tr is not acting any way I know of." >&4
    exit 1
    ;;
esac
: set up the translation script tr, must be called with ./tr of course
cat >tr <<EOSC
$startsh
case "$1$2" in
[A-Z][a-z]) LC_ALL=C exec $tr '$sup' '$low';;
[a-z][A-Z]) LC_ALL=C exec $tr '$low' '$sup';;
esac
LC_ALL=C exec $tr "$@"
EOSC
chmod +x tr
$unicefix tr

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Tr.U

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?RCS:

?MAKE:d_quad quadtype uquadtype quadkind: \
longsize intsize d_longlong longlongsize d_int64_t \
Inhdr Setvar

?MAKE: -pick add \$@ %<

?S:d_quad:

?S: This variable, if defined, tells that there's a 64-bit integer type,

?S: quadtype.

?S:.

?S:quadtype:

?S: This variable defines Quad_t to be something like long, int,
?S: long long, int64_t, or whatever type is used for 64-bit integers.
?S:.
?S:quadkind:
?S: This variable, if defined, encodes the type of a quad:
?S: 1 = int, 2 = long, 3 = long long, 4 = int64_t.
?S:.
?S:uquadtype:
?S: This variable defines Uquad_t to be something like unsigned long,
?S: unsigned int, unsigned long long, uint64_t, or whatever type is
?S: used for 64-bit integers.
?S:.
?C:HAS_QUAD:
?C: This
symbol, if defined, tells that there's a 64-bit integer type,
?C: Quad_t, and its unsigned counterpart, Uquad_t. QUADKIND will be one
?C: of QUAD_IS_INT, QUAD_IS_LONG, QUAD_IS_LONG_LONG, QUAD_IS_INT64_T,
?C: or QUAD_IS___INT64.
?C:.
?H:#\$d_quad HAS_QUAD /**/
?H:%<:#ifdef HAS_QUAD
?H:%<:# define Quad_t \$quadtype /**/
?H:%<:# define Uquad_t \$uquadtype /**/
?H:%<:# define QUADKIND \$quadkind /**/
?H:%<:# define QUAD_IS_INT 1
?H:%<:# define QUAD_IS_LONG 2
?H:%<:# define QUAD_IS_LONG_LONG 3
?H:%<:# define QUAD_IS_INT64_T 4
?H:%<:# define QUAD_IS___INT64 5
?H:%<:#endif
?H:.
?LINT:set quadtype
?LINT:set uquadtype
: Check if 64bit ints have a quad type
echo " "
echo "Checking which 64-bit integer type we could use..." >&4
?X: We prefer quad types in order of int, long, long long, int64_t.

```

case "$intsize" in
8) val=int
set quadtype
eval $setvar
val="unsigned int"
set uquadtype
eval $setvar
quadkind=1
;;
*) case "$longsize" in

```

```

8)
val=long
  set quadtype
  eval $setvar
  val="unsigned long"
  set uquadtype
  eval $setvar
  quadkind=2
  ;;
*) case "$d_longlong:$longlongsize" in
  define:8)
    val="long long"
    set quadtype
    eval $setvar
    val="unsigned long long"
    set uquadtype
    eval $setvar
    quadkind=3
    ;;
  *) case "$d_int64_t" in
    define)
      val=int64_t
      set quadtype
      eval $setvar
      val=uint64_t
      set uquadtype
      eval $setvar
      quadkind=4
      ;;
    esac
    ;;
  esac
  ;;
esac
;;
esac
;;
esac
;;
esac

```

```

case "$quadtype" in
") echo "Alas, no 64-bit integer types in sight." >&4
d_quad="$undef"
;;
*) echo "We could use '$quadtype' for 64-bit integers." >&4
d_quad="$define"
;;
esac

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/a_dvisory/quadtype.U

No license file was found, but licenses were detected in source scan.

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?RCS:

?MAKE:d_ustat: Inlibc

?MAKE: -pick add \$@ %<

?S:d_ustat:

?S: This variable conditionally defines HAS_USTAT if ustat() is

?S: available to query file system statistics by dev_t.

?S:.

?C:HAS_USTAT:

?C: This symbol, if defined, indicates that the ustat system call is

?C: available to query file system statistics by dev_t.

?C:.

?H:#\$d_ustat HAS_USTAT /**/

?H:.

?LINT:set d_ustat

: see if ustat exists

set ustat d_ustat

eval \$inlibc

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ustat.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: d_voidsig.U,v 3.0.1.3 1995/05/12 12:12:46 ram Exp \$

?RCS:

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?RCS: of the source tree for dist 3.0.

?RCS:

?RCS: \$Log: d_voidsig.U,v \$

?RCS: Revision 3.0.1.3 1995/05/12 12:12:46 ram

?RCS: patch54: made cppflags dependency optional

```

?RCS:
?RCS: Revision 3.0.1.2 1994/08/29 16:20:35 ram
?RCS: patch32: now sets signal_t only once d_voidsig is known (WED)
?RCS:
?RCS: Revision 3.0.1.1 1994/06/20 06:59:54 ram
?RCS: patch30: now properly sets signal_t when re-using previous value
?RCS:
?RCS: Revision 3.0 1993/08/18 12:07:56 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_voidsig
signal_t: rm contains cppstdin cppminus +cppflags test Myread \
Oldconfig Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_voidsig:
?S: This variable conditionally defines VOIDSIG if this system
?S: declares "void (*signal(...))()" in signal.h. The old way was to
?S: declare it as "int (*signal(...))()".
?S:.
?S:signal_t:
?S: This variable holds the type of the signal handler (void or int).
?S:.
?C:VOIDSIG:
?C: This symbol is defined if this system declares "void (*signal(...))()" in
?C: signal.h. The old way was to declare it as "int (*signal(...))()". It
?C: is up to the package author to declare things correctly based on the
?C: symbol.
?C:.
?C:Signal_t (SIGNAL_T):
?C: This symbol's value is either "void" or "int", corresponding to the
?C: appropriate return type of a signal handler. Thus, you can declare
?C: a signal handler using "Signal_t (*handler())", and define the
?C: handler using "Signal_t handler(sig)".
?C:.
?H:#$d_voidsig VOIDSIG /**/
?H:#define
Signal_t $signal_t /* Signal handler's return type */
?H:.
?T:xxx
?LINT:set d_voidsig
: see if signal is declared as pointer to function returning int or void
echo " "
xxx=`./findhdr signal.h`
$test "$xxx" && $cppstdin $cppminus $cppflags < $xxx >$$.tmp 2>/dev/null
if $contains 'int.*\[ ]*signal' $$.tmp >/dev/null 2>&1 ; then
echo "You have int (*signal())() instead of void." >&4
val="$undef"
elif $contains 'void.*\[ ]*signal' $$.tmp >/dev/null 2>&1 ; then

```



```

echo "You have void (*signal())()." >&4
val="$define"
elif $contains 'extern[ ]*[(\)*signal' $$tmp >/dev/null 2>&1 ; then
echo "You have int (*signal())() instead of void." >&4
val="$undef"
?X: This next test is kind of sloppy, but it catches Linux
?X: which has a
?X: typedef void (*__sig_handler_t) (int) ;
?X: A better fix would be to compile a C program with the proper
?X: prototype, but since nearly everyone uses void, we'll just go with
?X: this.
elif $contains 'void.*\*.sig' $$tmp >/dev/null 2>&1 ; then
echo "You
have void (*signal())()." >&4
val="$define"
else
case "$d_voidsig" in
")
echo "I can't determine whether signal handler returns void or int..." >&4
dflt=void
rp="What type does your signal handler return?"
./myread
case "$ans" in
v*) val="$define";;
*) val="$undef";;
esac;;
"$define")
echo "As you already told me, signal handler returns void." >&4
val="$define"
;;
*) echo "As you already told me, signal handler returns int." >&4
val="$undef"
;;
esac
fi
set d_voidsig
eval $setvar
case "$d_voidsig" in
"$define") signal_t="void";;
*) signal_t="int";;
esac
$rm -f $$tmp

```

Found in path(s):

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_voidsig.U

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?RCS:

?MAKE:run to from targetarch targetdir targetmkdir targethost targetport \
 usecrosscompile hostperl hostgenerate hostosname targetenv: \
 src test rm echo sed mkdir cp chmod make touch

?MAKE: -pick add \$@ %<

?Y:TOP

?S:usecrosscompile:

?S: This variable conditionally defines the USE_CROSS_COMPILE symbol,
 ?S: and indicates that Perl has been cross-compiled.

?S:.

?S:run:

?S: This variable contains the command used by Configure
 ?S: to copy and execute a cross-compiled executable in the
 ?S: target host. Useful and available only during Perl build.
 ?S: Empty string " if not cross-compiling.

?S:.

?S:from:

?S: This variable contains the command used by Configure
 ?S: to copy files from the target host. Useful
 and available
 ?S: only during Perl build.
 ?S: The string ':' if not cross-compiling.

?S:.

?S:to:

?S: This variable contains the command used by Configure
 ?S: to copy to from the target host. Useful and available
 ?S: only during Perl build.
 ?S: The string ':' if not cross-compiling.

?S:.

?S:targetarch:

?S: If cross-compiling, this variable contains the target architecture.
 ?S: If not, this will be empty.

?S:.

?S:targetdir:

?S: This variable contains a path that will be created on the target
 ?S: host using targetmkdir, and then used to copy the cross-compiled
 ?S: executables to. Defaults to '/tmp' if not set.

?S:.

?S:targetmkdir:

?S: This variable contains the command used by Configure to create a
 ?S: new directory on the target host.

?S:.

?S:targethost:
 ?S: This variable contains the name of a separate host machine that
 ?S: can be used to run compiled test programs and perl tests on.
 ?S: Set to empty string if not in use.
 ?S:.

?S:targetport:
 ?S: This variable contains the number
 of a network port to be used to
 ?S: connect to the host in targethost, if unset defaults to 22 for ssh.
 ?S:.

?S:hostperl:
 ?S: This variable contains the path to a miniperl binary that can be
 ?S: run on the host OS when cross-compiling. Useful and available only
 ?S: during Perl build.
 ?S: Empty string " if not cross-compiling.
 ?S:.

?S:hostgenerate:
 ?S: This variable contains the path to a generate_uudmap binary that
 ?S: can be run on the host OS when cross-compiling. Useful and
 ?S: available only during Perl build.
 ?S: Empty string " if not cross-compiling.
 ?S:.

?S:hostosname:
 ?S: This variable contains the original value of '\$^O' for hostperl
 ?S: when cross-compiling. This is useful to pick the proper tools
 ?S: when running build code in the host.
 ?S: Empty string " if not cross-compiling.
 ?S:.

?S:targetenv:
 ?S: If cross-compiling, this variable can be used to modify the
 ?S: environment on the target system.
 ?S: However, how and where it's used, and even if it's used at all, is
 ?S: entirely
 dependent on both the transport mechanism (targetrun) and
 ?S: what the target system is. Unless the relevant documentation says
 ?S: otherwise, it is generally not useful.
 ?S:.

?C:USE_CROSS_COMPILE:
 ?C: This symbol, if defined, indicates that Perl is being cross-compiled.
 ?C:.

?C:PERL_TARGETARCH:
 ?C: This symbol, if defined, indicates the target architecture
 ?C: Perl has been cross-compiled to. Undefined if not a cross-compile.
 ?C:.

?H:%<:#ifndef USE_CROSS_COMPILE
 ?H:%<:#\$usecrosscompile USE_CROSS_COMPILE /**/
 ?H:%<:#define PERL_TARGETARCH "\$targetarch" /**/
 ?H:%<:#endif

```

?H:
?D:targetenv=""
?D:targethost=""
?D:targetmkdir=""
?T:croak pwd exe f q cwd file xxx env
?LINT:extern usecrosscompile
?LINT:extern cc
?LINT:extern usrinc
?LINT:change ar
?LINT:change nm
?LINT:change ranlib
?LINT:change src
?LINT:extern targetenv
?LINT:extern targetport
?LINT:extern targetdir
?LINT:extern targetuser
?LINT:change targetuser
?LINT:extern targetrun
?LINT:extern targetfrom
?LINT:extern
    targetto
?LINT:change targetrun
?LINT:change targetfrom
?LINT:change targetto
?LINT:extern incpth
?LINT:extern libpth
?LINT:extern locincpth
?LINT:extern loclibpth
?LINT:change locincpth
?LINT:change loclibpth
?LINT:extern hostperl
?LINT:extern hostgenerate
?LINT:extern before_host
?LINT:change before_host
?LINT:extern hostosname
?LINT:extern multiarch
: Check for Cross-Compilation
?X: targethost and targetenv mainly set to allow ?S: documentation
?X:otherwise it could have been declared extern
if $test "X$targethost" = "X"; then
    targethost=""
fi
if $test "X$targetenv" = "X"; then
    targetenv=""
fi
case "$usecrosscompile" in
$define|true|[yY]*)
    $echo "Cross-compiling..."

```

```

croak="
case "$cc" in
*-gcc*|*-g++*) # A cross-compiling gcc, probably.
    # arm-linux-androideabi-gcc -> arm-linux-androideabi
    # x86_64-w64-mingw32-gcc.exe -> x86_64-w64-mingw32
    targetarch=`$echo $cc|$sed 's/-g[c\+][c\+].*$/'^
    ar=`$echo $cc|$sed 's/-g[c\+][c\+]/-ar/'^
    # leave out ld,
choosing it is more complex
    nm=`$echo $cc|$sed 's/-g[c\+][c\+]/-nm/'^
    ranlib=`$echo $cc|$sed 's/-g[c\+][c\+]/-ranlib/'^
    # We are in a weird spot. Just before us, some values
    # were 'saved', to be restored after the hints are
    # run. This means that the changes we made to ar,
    # nm and ranlib will get reverted.
    # To avoid that, we hijack the saving mechanism and
    # have it save our new values.
    for file in ar nm ranlib; do
eval xxx=\$$file
eval $file=$xxx$_exe
eval _$file=$xxx
    done
;;
esac
case "$targetarch" in
") echo "Targetarch not defined." >&4; croak=y ;;
*) echo "Using targetarch $targetarch." >&4 ;;
esac
case "$targethost" in
") echo "Targethost not defined." >&4; croak=n ;;
*) echo "Using targethost $targethost." >&4
esac
locincpth=' '
loclibpth=' '
case "$croak" in
y) echo "Cannot continue, aborting." >&4; exit 1 ;;
esac
: compile a host miniperl and generate_uudmap, unless we got passed them
if
$test "X$hostperl" = X; then
    echo "Building host miniperl and generate_uudmap binaries" >&4
    before_host=`pwd`
    cd ..
    cd $src
    src=`pwd`
    rm -rf $src/host
    mkdir $src/host
    cd $src/host

```

```

$src/Configure -des -Dusedevel -Dmksymlinks
$make miniperl
case "$hostgenerate" in
*) $make generate_uudmap
    hostgenerate=$src/host/generate_uudmap
    ;;
"$undef") hostgenerate="
    ;;
esac
hostperl=$src/host/miniperl
cd $before_host
fi
hostosname=`$hostperl -le 'print $^O'`
;;
*)
    usecrosscompile="$undef"
    ;;
esac

: Define -Dtargethost=somecomputer to run compiled tests on another machine
case "$targethost" in
") echo "Checking for cross-compile" >&4
case "$usecrosscompile$multiarch" in
*$define*) echo "Skipping the try tests in the rest of Configure as no targethost was defined when cross-
compiling" >&4
    if [ -f Makefile ]; then
        echo
        " "
        echo "Now you must ensure config.sh, config.h and the generated headers exist and run a $make."
        else
            echo "Configure done."
        fi
        exit 0
        ;;
*) echo "No targethost for running compiler tests against defined, running locally" >&4
        run="
        to=:
        from=:
        ;;
esac
;;
*) echo "Using targethost $targethost." >&4
case "$src" in
/*) run=$src/Cross/run
    targetmkdir=$src/Cross/mkdir
    to=$src/Cross/to
    from=$src/Cross/from
    ;;

```

```

*) pwd=`$test -f ../Configure & cd ..; pwd`
run=$pwd/Cross/run
targetmkdir=$pwd/Cross/mkdir
to=$pwd/Cross/to
from=$pwd/Cross/from
;;
esac
case "$targetrun" in
") targetrun=ssh ;;
esac
case "$targetto" in
") targetto=scp ;;
esac
case "$targetfrom" in
") targetfrom=scp ;;
esac
run=$run-$targetrun
to=$to-$targetto
from=$from-$targetfrom
case "$targetdir" in
") targetdir=/tmp
echo "Guessing targetdir $targetdir."
>&4
;;
esac
case "$targetuser" in
") targetuser=root
echo "Guessing targetuser $targetuser." >&4
;;
esac
case "$targetport" in
") targetport=22
echo "Guessing targetport $targetport." >&4
;;
esac
case "$targetfrom" in
scp) q=-q ;;
*) q="" ;;
esac
case "$targetrun" in
ssh|rsh)
cat >$run <<EOF
#!/bin/sh
env=""
case "$1" in
-cwd)
shift
cwd=$1

```

```

shift
;;
esac
case "$1" in
-env)
shift
env=$1
shift
;;
esac
case "\$cwd" in
") cwd=$targetdir ;;
esac
exe=$1
shift
$to $exe
$targetrun -p $targetport -l $targetuser $targethost "cd \$cwd && \${env} \$exe \${@"
EOF
;;
adb)
$touch $run
;;
*) echo "Unknown targetrun '$targetrun'" >&4
exit 1
;;
esac
case "$targetmkdir" in
*/Cross/mkdir)
cat >$targetmkdir <<EOF
#!/bin/sh
$targetrun -p $targetport -l $targetuser $targethost "mkdir -p \${@"
EOF
$chmod a+rx $targetmkdir
;;
*) echo "Unknown targetmkdir '$targetmkdir'" >&4
exit 1
;;
esac
case
"$targetto" in
scp|rcp)
cat >$to <<EOF
#!/bin/sh
for f in \${@"
do
case "\${f}" in
/*)
$targetmkdir \ `dirname \${f}`

```



```

    $targetto -P $targetport -r $q \ $f $targetuser@$targethost:\ $f      2>/dev/null || exit 1
    ;;
*)
    $targetmkdir $targetdir/\ `dirname \ $f`
    $targetto -P $targetport -r $q \ $f $targetuser@$targethost:$targetdir/\ $f 2>/dev/null || exit 1
    ;;
esac
done
exit 0
EOF
    ;;
cp) cat >$to <<EOF
#!/bin/sh
for f in \ $@
do
case "\ $f" in
/*)
    $mkdir -p $targetdir/\ `dirname \ $f`
    $cp \ $f $targetdir/\ $f || exit 1
    ;;
*)
    $targetmkdir $targetdir/\ `dirname \ $f`
    $cp \ $f $targetdir/\ $f || exit 1
    ;;
esac
done
exit 0
EOF
    ;;
*) echo "Unknown targetto '$targetto'" >&4
    exit 1
    ;;
esac
case "$targetfrom" in
scp|rcp)
    cat >$from <<EOF
#!/bin/sh
for f in \ $@
do
    $rm -f \ $f
    $targetfrom -P $targetport $q $targetuser@$targethost:$targetdir/\ $f . || exit 1
done
exit 0
EOF
    ;;
cp) cat >$from <<EOF
#!/bin/sh
for

```

```

f in \$@
do
$rm -f \$f
cp $targetdir/\$f . || exit 1
done
exit 0
EOF
;;
*) echo "Unknown targetfrom '$targetfrom'" >&4
exit 1
;;
esac
if $test ! -f $run; then
echo "Target 'run' script '$run' not found." >&4
else
$chmod a+rx $run
fi
if $test ! -f $to; then
echo "Target 'to' script '$to' not found." >&4
else
$chmod a+rx $to
fi
if $test ! -f $from; then
echo "Target 'from' script '$from' not found." >&4
else
$chmod a+rx $from
fi
if $test ! -f $run -o ! -f $to -o ! -f $from; then
exit 1
fi
cat >&4 <<EOF
Using '$run' for remote execution,
and '$from' and '$to'
for remote file transfer.
EOF
;;
*) run="
to=:
from=:
usecrosscompile="$undef"
targetarch="
;;
esac

```

Found in path(s):

```

* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Cross.U

```

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?RCS: \$Id\$

?RCS:

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?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Instruct.U,v \$

?RCS: Revision 3.0.1.3 1997/02/28 15:02:55 ram

?RCS: patch61: logname / whoami sequence rewritten to use case

?RCS:

?RCS: Revision 3.0.1.2 1995/02/15 14:11:34 ram

?RCS: patch51: author name now appears at the end of the paragraph (WED)

?RCS:

?RCS: Revision 3.0.1.1 1995/01/11 15:12:05 ram

?RCS: patch45: now documents the & escape to turn -d on at the read prompt

?RCS:

?RCS: Revision 3.0 1993/08/18 12:05:04 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X:

This unit spew out the directions that we want everyone to read. I try to

?X: keep the first "pagefull" much less than a page since they don't know it

?X: isn't going to go shooting off the top of the screen, and we don't want

?X: to panic them yet.

?X:

?MAKE:Instruct: Begin Myread Configdir contains

?MAKE: -pick wipe \$@ %<

?T:user needman firsttime

: general instructions

needman=true

firsttime=true

user=`(logname) 2>/dev/null`

case "\$user" in

") user=`whoami 2>&1`;;

esac

if \$contains "^\$user\$" ../.config/instruct >/dev/null 2>&1; then

firsttime=false

echo " "

rp='Would you like to see the instructions?'

dflt=n

. ./myread

```
case "$ans" in
[yY]*) ;;
*) needman=false;;
esac
fi
if $needman; then
cat <<EOH
```

This installation shell script will examine your system and ask you questions to determine how the <PACKAGENAME> package should be installed. If you get stuck on a question, you may use a ! shell escape to start a subshell or execute a command. Many of the questions will have default answers in square brackets; typing carriage return will give you the default.

On some of the questions which ask for file or directory names you are allowed to use the ~name construct to specify the login directory belonging to "name", even if you don't have a shell which knows about that. Questions where this is allowed will be marked "(~name ok)".

```
EOH
rp="
dflt='Type carriage return to continue'
. ./myread
cat <<'EOH'
```

The prompter used in this script allows you to use shell variables and backticks in your answers. You may use \$1, \$2, etc... to refer to the words in the default answer, as if the default line was a set of arguments given to a script shell. This means you may also use \$* to repeat the whole default line, so you do not have to re-type everything to add something to the default.

Everytime there is a substitution, you will have to confirm. If there is an error (e.g. an unmatched backtick), the default answer will remain unchanged and you will be prompted again.

If you are in a hurry, you may run 'Configure -d'. This will bypass nearly all the questions and use the computed defaults (or the previous answers if there was already a config.sh file). Type 'Configure -h' for a list of options. You may also start interactively and then answer '& -d' at any prompt to turn on the non-interactive behaviour for the remainder of the execution.

```
EOH
. ./myread
cat <<EOH
```

Much effort has been expended to ensure that this shell script will run on any

Unix system. If despite that it blows up on yours, your best bet is to edit Configure and run it again. If you can't run Configure for some reason, you'll have to generate a config.sh file by hand. Whatever problems you have, let me (<MAINTLOC>) know how I blew it.

This installation script affects things in two ways:

- 1) it may do direct variable substitutions on some of the files included in this kit.
- 2) it builds a config.h file for inclusion in C programs. You may edit any of these files as the need arises after running this script.

If you make a mistake on a question, there is no easy way to back up to it currently. The easiest thing to do is to edit config.sh and rerun all the SH files. Configure will offer to let you do this before it runs the SH files.

EOH

?X: In case they played with the prompter...

```
dflt='Type carriage return to continue'  
. /myread  
case "$firsttime" in  
true) echo $user >>./config/instruct;;  
esac  
fi
```

Found in path(s):

```
* /opt/cola/permits/2040574603_1717537163.257628/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Instruct.U
```

1.370 libdebconfclient0 0.251ubuntu1

1.370.1 Available under license :

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CDebConf includes ideas and code from:

debconf - The original, de facto, perl implementation
(c) Joey Hess <joeyh@debian.org>

apt - The Debian Advanced Package Tool

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1.371 gcc-10-base 10.5.0-1ubuntu1~20.04

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```
<one line to give the program's name and a brief idea of what it does.>  
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```

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```
Gnomovision version 69, Copyright (C) year name of author  
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This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language

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- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
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A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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1.372 mount 2.34-0.1ubuntu9.6

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```
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```

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@comment node-name, next, previous, up

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@item HDB LDAP backend.

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge.

Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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@vskip 20pt plus 1fil  
@end macro
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@macro copyrightend{ }  
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@comment node-name, next, previous, up  
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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

@author Paulo Barreto <paulo.barreto@terra.com.br>

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DES core in libcrypto

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D3DES (V5.09) -

A portable, public domain, version of the Data Encryption Standard.

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Thanks to: Dan Hoey for his excellent Initial and Inverse permutation
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lib/hcrypto/test_dh.c

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@vskip 20pt plus 1fil  
@end macro
```

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@macro copyrightstart{ }  
@end macro
```

```
@macro copyrightend{ }  
@end macro
```

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@comment node-name, next, previous, up  
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AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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AES in libcrypto

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@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

@author Paulo Barreto <paulo.barreto@terra.com.br>

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DES core in libcrypto

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GSS-API mechglue layer.

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

@author Paulo Barreto <paulo.barreto@terra.com.br>

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DES core in libcrypto

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D3DES (V5.09) -

A portable, public domain, version of the Data Encryption Standard.

Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge.

Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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AES in libcrypto

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@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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 * Rob Earhart
 * Rob Siemborski
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@vskip 20pt plus 1fil  
@end macro
```

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@macro copyrightstart{ }  
@end macro
```

```
@macro copyrightend{ }  
@end macro
```

```
@node Copyrights and Licenses, , Acknowledgments, Top  
@comment node-name, next, previous, up  
@appendix Copyrights and Licenses
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@item GSS-API CFX, SPNEGO, naming extensions, API extensions.

@item KCM credential cache.

@item HDB LDAP backend.

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AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

@author Paulo Barreto <paulo.barreto@terra.com.br>

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```
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@vskip 20pt plus 1fil  
@end macro
```

```
@macro copyrightstart{ }  
@end macro
```

@macro copyrightend{ }

@end macro

@node Copyrights and Licenses, , Acknowledgments, Top

@comment node-name, next, previous, up

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@heading Doug Rabson

GSS-API mechlue layer.

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@table

@asis

@item GSS-API CFX, SPNEGO, naming extensions, API extensions.

@item KCM credential cache.

@item HDB LDAP backend.

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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DES core in libcrypto

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D3DES (V5.09) -

A portable, public domain, version of the Data Encryption Standard.

Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge.

Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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Windows support

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@vskip 20pt plus 1fil  
@end macro
```

```
@macro copyrightstart{ }  
@end macro
```

```
@macro copyrightend{ }  
@end macro
```

```
@node Copyrights and Licenses, , Acknowledgments, Top  
@comment node-name, next, previous, up  
@appendix Copyrights and Licenses
```

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@table

@asis

@item GSS-API CFX, SPNEGO, naming extensions, API extensions.

@item KCM credential cache.

@item HDB LDAP backend.

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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DES core in libcrypto

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D3DES (V5.09) -

A portable, public domain, version of the Data Encryption Standard.

Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge.

Thanks to: Dan Hoey for his excellent Initial and Inverse permutation code; Jim Gillogly & Phil Karn for the DES key schedule code; Dennis Ferguson, Eric Young and Dana How for comparing notes; and Ray Lau, for humouring me on.

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Windows support

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lib/hcrypto/test_dh.c

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c

lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c

lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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Version 2.8, 17 August 2003

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lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c

lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
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lib/gssapi/mechglue/g_export_name.c
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lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
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lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c

lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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1.397 libcurl 7.68.0-1ubuntu2.22

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set yrange [0:]

set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024

set xtics rotate by -45

set style histogram errorbars gap 2 lw 1

set style fill solid border -1

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1.402 libargon 0~20171227-0.2

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Upstream-Name: phc-winner-argon2

Source: <https://github.com/P-H-C/phc-winner-argon2>

Upstream-Contact: <https://github.com/P-H-C/phc-winner-argon2/issues>

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1.403 libjson-c4 0.13.1+dfsg-7ubuntu0.3

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1.405 systemd-timesyncd 245.4-4ubuntu3.23

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```

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.409 libpam-systemd 245.4-4ubuntu3.23

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1.410 systemd-sysv 245.4-4ubuntu3.23

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1.411 openssl 1.1.1y

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```

/*****
* NCSA HTTPd Server
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* National Center for Supercomputing Applications
* University of Illinois at Urbana-Champaign
* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
*
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*
* md5.c: NCSA HTTPd code which uses the md5c.c RSA Code
*
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```

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```
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=====
```

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:

Mike Belshe (mbelshe@netscape.com)

Michael Campanella (campanella@stevms.enet.dec.com)

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```

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```

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//curl

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//http-parser

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Sidebar - Default font size" />
<link href="/style/css/manual-print.css" rel="stylesheet" media="print" type="text/css" /><link rel="stylesheet"
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<script src="/style/scripts/prettify.min.js" type="text/javascript">
</script>
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href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="/glossary.html">Glossary</a> | <a
href="/sitemap.html">Sitemap</a></p>
<p class="apache">Apache HTTP Server Version 2.4</p>
</div>
<div class="up"><a href="/"></a></div>
<div id="path">
<a href="http://www.apache.org/">Apache</a> &gt; <a href="http://httpd.apache.org/">HTTP Server</a> &gt; <a
href="http://httpd.apache.org/docs/">Documentation</a> &gt; <a href="/">Version 2.4</a></div><div id="page-
content"><div id="preamble"><h1>The Apache License, Version 2.0</h1>
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</div>

</div>

<div class="bottomlang">

<p>Available Languages: en </p>


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var comments_identifier = 'http://httpd.apache.org/docs/2.4/license.html';
(function(w, d) {
  if (w.location.hostname.toLowerCase() == "httpd.apache.org") {
    d.write('<div id="comments_thread"></div>');
    var s = d.createElement('script');
    s.type = 'text/javascript';
    s.async = true;
    s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortname + '&page=' +
comments_identifier;
    (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
  }
  else {
    d.write('<div id="comments_thread">Comments are disabled for this page at the moment.</div>');
  }
})(window, document);
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href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="/glossary.html">Glossary</a> | <a
href="/sitemap.html">Sitemap</a></p></div><script type="text/javascript"><!--><![CDATA[</><!--
if (typeof(prettyPrint) !== 'undefined') {
  prettyPrint();
}
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</body></html>

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
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Mersenne Twister

The ``_random'` module includes code based on a download from

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A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`
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<http://www.math.keio.ac.jp/matumoto/emt.html>
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Sockets

The ``socket'` module uses the functions, ``getaddrinfo'`, and ``getnameinfo'`, which are coded in separate source files from the WIDE Project, ``http://www.wide.ad.jp/about/index.html'`.

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with python standard

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/* Modified by Guido van Rossum */

/* Beep added by Mark Hammond */

/* Win9X Beep and platform identification added by Uncle Timmy */

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1.416 python3.8-minimal 3.8.10- 0ubuntu1~20.04.10

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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All

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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now		
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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes

1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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Mersenne Twister

The `_random` module includes code based on a download from <http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`
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Any feedback is very welcome.
<http://www.math.keio.ac.jp/matumoto/emt.html>
email: matumoto@math.keio.ac.jp

Sockets

The ``socket'` module uses the functions, ``getaddrinfo'`, and ``getnameinfo'`, which are coded in separate source files from the WIDE Project, [`http://www.wide.ad.jp/about/index.html'](http://www.wide.ad.jp/about/index.html).

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with python standard

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