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## Contents

### **1.1 apache-log4j 1.2.15**

1.1.1 Available under license

### **1.2 lua 5.0.2**

1.2.1 Available under license

### **1.3 libjpeg 6b**

1.3.1 Notifications

1.3.2 Available under license

### **1.4 csrp 1.0**

1.4.1 Available under license

### **1.5 xerces-j 2.8.0**

1.5.1 Notifications

1.5.2 Available under license

### **1.6 sed 4.2.2**

1.6.1 Available under license

### **1.7 mongoose-web-server 3.5**

1.7.1 Available under license

### **1.8 xinetd 2.3.15**

1.8.1 Available under license

### **1.9 bzip2 1.0.6**

1.9.1 Available under license

### **1.10 unzip 6.0**

1.10.1 Available under license

### **1.11 libusb-compat 0.1.5**

1.11.1 Available under license

### **1.12 jboss-logging 3.1.1.GA**

1.12.1 Available under license

### **1.13 net-snmp 5.7.3**

1.13.1 Available under license

### **1.14 lasso 2.5.1**

1.14.1 Available under license

### **1.15 findutils 4.6.0**

1.15.1 Available under license

### **1.16 pam 1.3.0**

1.16.1 Available under license

### **1.17 libpcap 1.8.1**

1.17.1 Available under license

### **1.18 jsmn 6572217a0e71fdc13c9ea5571203187f383665e0**

1.18.1 Available under license

### **1.19 diffutils 3.6**

1.19.1 Available under license

### **1.20 libxslt 1.1.32**

1.20.1 Available under license

### **1.21 apr-util 1.6.1**

1.21.1 Available under license

### **1.22 libmnl 1.0.4**

1.22.1 Available under license

### **1.23 sqlite 3.23.1**

1.23.1 Available under license

### **1.24 open-ldap 2.4.46**

1.24.1 Available under license

### **1.25 gawk 4.2.1**

1.25.1 Available under license

### **1.26 libxml2 2.9.8**

1.26.1 Available under license

### **1.27 libtasn 4.13**

1.27.1 Available under license

### **1.28 pcre 8.42**

1.28.1 Available under license

### **1.29 esapi 2.1.0.1**

1.29.1 Available under license

### **1.30 rsync 3.1.3**

1.30.1 Available under license

### **1.31 apache-http-server 2.4.34**

1.31.1 Available under license

### **1.32 glibc 2.28**

- 1.32.1 Available under license
- 1.33 kmod 25**
  - 1.33.1 Available under license
- 1.34 libwww 5.4.2**
  - 1.34.1 Available under license
- 1.35 gzip 1.9**
  - 1.35.1 Available under license
- 1.36 net-snmp 5.8**
  - 1.36.1 Available under license
- 1.37 free-type 2.9.1**
  - 1.37.1 Available under license
- 1.38 bind 9.11.4**
  - 1.38.1 Available under license
- 1.39 zlib 1.2.8**
  - 1.39.1 Available under license
- 1.40 cpio 2.12**
  - 1.40.1 Available under license
- 1.41 dmidecode 3.5**
  - 1.41.1 Available under license
- 1.42 zlib 1.2.7**
  - 1.42.1 Available under license
- 1.43 ebttables 2.0.10**
  - 1.43.1 Available under license
- 1.44 libevent 2.1.8**
  - 1.44.1 Available under license
- 1.45 parted 3.2**
  - 1.45.1 Available under license
- 1.46 classmate 1.0.0**
  - 1.46.1 Available under license
- 1.47 kerberos 1.16**
  - 1.47.1 Available under license
- 1.48 libyaml 0.2.1**
  - 1.48.1 Available under license
- 1.49 gettext 0.19.8.1**
  - 1.49.1 Available under license
- 1.50 libdaemon 0.14**
  - 1.50.1 Available under license
- 1.51 json-c 0.13.1**
  - 1.51.1 Available under license

## **1.52 net-tools 1.60**

1.52.1 Available under license

## **1.53 gmp 6.1.2**

1.53.1 Available under license

## **1.54 lcms 2.6-3.el7**

1.54.1 Available under license

## **1.55 apr 1.6.3**

1.55.1 Available under license

## **1.56 mod-security 2.9.0**

1.56.1 Available under license

## **1.57 zeromq 4.2.3**

1.57.1 Available under license

## **1.58 jaxb-core 2.2.11**

1.58.1 Available under license

## **1.59 pixman 0.34.0**

1.59.1 Available under license

## **1.60 free-type 2.8-12.el7\_6.1**

1.60.1 Available under license

## **1.61 libffi 3.2.1**

1.61.1 Available under license

## **1.62 c-ares 1.14.0**

1.62.1 Available under license

## **1.63 ncurses 6.1**

1.63.1 Available under license

## **1.64 attr 2.4.47**

1.64.1 Available under license

## **1.65 ipmi-tool 1.8.18**

1.65.1 Available under license

## **1.66 libnettle6 3.4**

1.66.1 Available under license

## **1.67 tar 1.30**

1.67.1 Available under license

## **1.68 coreutils 8.30**

1.68.1 Available under license

## **1.69 grep 3.1**

1.69.1 Available under license

## **1.70 bash 4.4.23**

1.70.1 Available under license

## **1.71 ethtool 4.19**

- 1.71.1 Available under license
- 1.72 libcgroup 0.41**
  - 1.72.1 Available under license
- 1.73 jansson 2.11**
  - 1.73.1 Available under license
- 1.74 less 530**
  - 1.74.1 Available under license
- 1.75 libusb 1.0.22**
  - 1.75.1 Available under license
- 1.76 lsof 4.91**
  - 1.76.1 Available under license
- 1.77 popt 1.16**
  - 1.77.1 Available under license
- 1.78 readline 7.0**
  - 1.78.1 Available under license
- 1.79 binutils 2.31.51**
  - 1.79.1 Available under license
- 1.80 fontconfig 2.12.6**
  - 1.80.1 Available under license
- 1.81 tcl 8.6.8**
  - 1.81.1 Available under license
- 1.82 libcroc 0.6.13**
  - 1.82.1 Available under license
- 1.83 python 3.7.4**
  - 1.83.1 Available under license
- 1.84 gpt-fdisk 1.0.4**
  - 1.84.1 Available under license
- 1.85 file 5.34**
  - 1.85.1 Available under license
- 1.86 gnutls 3.6.4**
  - 1.86.1 Available under license
- 1.87 protobuf 3.6.1**
  - 1.87.1 Available under license
- 1.88 acpid 2.0.30**
  - 1.88.1 Available under license
- 1.89 elfutils 0.175**
  - 1.89.1 Available under license
- 1.90 cronie 1.5.2**
  - 1.90.1 Available under license

## **1.91 inotify-tools 3.14+git0+1df9af4d6c**

1.91.1 Available under license

## **1.92 rrdtool 1.7.0**

1.92.1 Available under license

## **1.93 free-type 1.0**

1.93.1 Available under license

## **1.94 lzo 2.10**

1.94.1 Available under license

## **1.95 xz 5.2.4**

1.95.1 Available under license

## **1.96 libpng 1.6.35**

1.96.1 Available under license

## **1.97 boost 1.68.0**

1.97.1 Available under license

## **1.98 libidn 1.35**

1.98.1 Available under license

## **1.99 libpng 1.6.37**

1.99.1 Available under license

## **1.100 screen 4.6.2**

1.100.1 Available under license

## **1.101 iptables 1.6.2**

1.101.1 Available under license

## **1.102 busybox 1.29.2**

1.102.1 Available under license

## **1.103 guava 12.0.1**

1.103.1 Available under license

## **1.104 python-setuptools 39.0.1**

1.104.1 Available under license

## **1.105 libcap 2.25**

1.105.1 Available under license

## **1.106 perl 5.24.4**

1.106.1 Available under license

## **1.107 dnsmasq 2.79**

1.107.1 Available under license

## **1.108 log-rotate 3.14.0**

1.108.1 Available under license

## **1.109 libpgp-error 1.32**

1.109.1 Available under license

## **1.110 dosfs-tools 4.1**

- 1.110.1 Available under license
- 1.111 libunwind 1.2-rc1**
  - 1.111.1 Available under license
- 1.112 xmlsec-java 2.2.0**
  - 1.112.1 Available under license
- 1.113 lldpd 1.0.3**
  - 1.113.1 Available under license
- 1.114 cracklib 2.9.5**
  - 1.114.1 Available under license
- 1.115 beecrypt 4.2.1**
  - 1.115.1 Available under license
- 1.116 lm-sensors 3.4.0**
  - 1.116.1 Available under license
- 1.117 libunistring 0.9.10**
  - 1.117.1 Available under license
- 1.118 wireless-tools 30.pre9**
  - 1.118.1 Available under license
- 1.119 dhcp 4.4.1**
  - 1.119.1 Available under license
- 1.120 bridgeutils 1.6**
  - 1.120.1 Available under license
- 1.121 avahi 0.7**
  - 1.121.1 Available under license
- 1.122 rpm 4.14.2**
  - 1.122.1 Available under license
- 1.123 freeradius 3.0.17**
  - 1.123.1 Available under license
- 1.124 cryptsetup 2.0.4**
  - 1.124.1 Available under license
- 1.125 xfsprogs 4.18.0**
  - 1.125.1 Available under license
- 1.126 i2c-tools 4.0**
  - 1.126.1 Available under license
- 1.127 libbsd 0.9.1**
  - 1.127.1 Available under license
- 1.128 libvirt 4.7.0**
  - 1.128.1 Available under license
- 1.129 cairo 1.14.12**
  - 1.129.1 Available under license



### **1.130 icu 62**

1.130.1 Available under license

### **1.131 e2fsprogs 1.44.3**

1.131.1 Available under license

### **1.132 tcp-wrappers 7.6**

1.132.1 Available under license

### **1.133 nfs-utils 2.3.1**

1.133.1 Available under license

### **1.134 libnl3 3.4.0**

1.134.1 Available under license

### **1.135 iputils 20180629**

1.135.1 Available under license

### **1.136 rpcbind 0.2.4**

1.136.1 Available under license

### **1.137 libidn 2.0.5**

1.137.1 Available under license

### **1.138 nfs-utils 3.1.1**

1.138.1 Available under license

### **1.139 numactl 2.0.12**

1.139.1 Available under license

### **1.140 iproute 4.19.0**

1.140.1 Available under license

### **1.141 kmod 25+git0+aca4eca103**

1.141.1 Available under license

### **1.142 libdevmapper 2.02.180**

1.142.1 Available under license

### **1.143 mdadm 4.1**

1.143.1 Available under license

### **1.144 ncurses 6.1+20180630**

1.144.1 Available under license

### **1.145 pigz 2.4**

1.145.1 Available under license

### **1.146 smartmontools 6.6**

1.146.1 Available under license

### **1.147 xmlsec 1.2.26**

1.147.1 Available under license

### **1.148 netcat-openbsd 1.190**

1.148.1 Available under license

### **1.149 sysstat 11.7.4**

- 1.149.1 Available under license
- 1.150 fribidi 1.0.5**
  - 1.150.1 Available under license
- 1.151 openorb 1.8.0\_252**
  - 1.151.1 Available under license
- 1.152 ntp 4.2.8p15**
  - 1.152.1 Available under license
- 1.153 traceroute 2.1.0**
  - 1.153.1 Available under license
- 1.154 jackson-databind 2.9.10**
  - 1.154.1 Available under license
- 1.155 pkix-ssh 12.1**
  - 1.155.1 Available under license
- 1.156 openssh 8.0-p1**
  - 1.156.1 Available under license
- 1.157 hibernate-validator 5.0.2.Final**
  - 1.157.1 Available under license
- 1.158 linux-kernel 4.18.45**
  - 1.158.1 Available under license
- 1.159 lcms 1.0**
  - 1.159.1 Available under license
- 1.160 giflib 1.0**
  - 1.160.1 Available under license
- 1.161 multipart-parser-c NA**
  - 1.161.1 Available under license
- 1.162 glib 2.60.4**
  - 1.162.1 Available under license
- 1.163 libarchive 3.4.3**
  - 1.163.1 Available under license
- 1.164 jackson 1.4.2**
  - 1.164.1 Available under license
- 1.165 ptyprocess 0.6.0**
  - 1.165.1 Available under license
- 1.166 python-setuptools 40.8.0**
  - 1.166.1 Available under license
- 1.167 luasocket 2.0**
  - 1.167.1 Available under license
- 1.168 time 1.9**
  - 1.168.1 Available under license

- 1.169 restlet 2.4.3**
  - 1.169.1 Available under license
- 1.170 saaj 1.4**
  - 1.170.1 Available under license
- 1.171 expat 2.2.6**
  - 1.171.1 Available under license
- 1.172 libtirpc 1.0.3**
  - 1.172.1 Available under license
- 1.173 d-bus 1.12.10**
  - 1.173.1 Available under license
- 1.174 curl 7.61.0**
  - 1.174.1 Available under license
- 1.175 util-linux 2.32.1**
  - 1.175.1 Available under license
- 1.176 libidn 2.0.5**
  - 1.176.1 Available under license
- 1.177 asm 5.0.3**
  - 1.177.1 Available under license
- 1.178 sysv-init 2.88**
  - 1.178.1 Available under license
- 1.179 shared-mime-info 1.1**
  - 1.179.1 Available under license
- 1.180 acl 2.2.52**
  - 1.180.1 Available under license
- 1.181 xml-commons-resolver 1.2**
  - 1.181.1 Available under license
- 1.182 openjdk 1.8.0u252**
  - 1.182.1 Available under license
- 1.183 visual-studio-runtime 14.00.24210.0**
  - 1.183.1 Available under license
- 1.184 strongswan 5.7.1**
  - 1.184.1 Available under license
- 1.185 rng-tools 6.11**
  - 1.185.1 Available under license
- 1.186 giflib 4.1.6-9**
  - 1.186.1 Available under license
- 1.187 xml-commons-resolver 1.2-15.el7**
  - 1.187.1 Available under license
- 1.188 heimdal 1.0.1**

1.188.1 Available under license  
**1.189 spidermonkey 1.7.0**  
1.189.1 Available under license  
**1.190 bcel 6.4.1**  
1.190.1 Available under license  
**1.191 pciutils 3.6.2**  
1.191.1 Available under license  
**1.192 berkeley-db 5.3.28**  
1.192.1 Available under license  
**1.193 sudo 1.9.5p2**  
1.193.1 Available under license  
**1.194 libpciaccess 0.14**  
1.194.1 Available under license  
**1.195 talloc 2.1.14**  
1.195.1 Available under license  
**1.196 jaxen 62**  
1.196.1 Available under license  
**1.197 libgcrypt 1.8.4**  
1.197.1 Available under license  
**1.198 mime-pull 1.8**  
1.198.1 Available under license  
**1.199 dmidecode 3.1**  
1.199.1 Available under license  
**1.200 berkeley-db 5.3.28**  
1.200.1 Available under license  
**1.201 six 1.11.0-3.ph3**  
1.201.1 Available under license  
**1.202 python-pip 9.0.3**  
1.202.1 Available under license  
**1.203 python-pip 19.0.3**  
1.203.1 Available under license  
**1.204 hd-parm 9.56**  
1.204.1 Available under license  
**1.205 pexpect 4.6.0**  
1.205.1 Available under license  
**1.206 istack-commons 3.0.11**  
1.206.1 Available under license  
**1.207 pango 1.42.4**  
1.207.1 Available under license

## **1.208 six 1.15.0-3.ph4**

1.208.1 Available under license

## **1.209 procps 3.3.15**

1.209.1 Available under license

## **1.210 syslog-ng 3.33.2**

1.210.1 Available under license

## **1.211 shadow 4.6**

1.211.1 Available under license

## **1.212 cyrus-sasl 2.1.20**

1.212.1 Available under license

## **1.213 activation 1.1**

1.213.1 Available under license

## **1.214 cpprest 2.10.6**

1.214.1 Available under license

## **1.215 openjsse 1.1.3**

1.215.1 Available under license

## **1.216 kexec-tools 2.0.17**

1.216.1 Available under license

## **1.217 openjdk-jre 1.8.0u252**

1.217.1 Available under license

## **1.218 libaio 0.3.111**

1.218.1 Available under license

## **1.219 jackson-databind 2.13.2.2**

1.219.1 Available under license

## **1.220 lvm2 2.02.180**

1.220.1 Available under license

## **1.221 openssl 1.1.1o**

1.221.1 Available under license

## **1.222 libnsl 1.2.0+git0+37c5ffe303**

1.222.1 Available under license

## **1.223 sysfsutils 2.1.0**

1.223.1 Available under license

## **1.224 libnsl 1.2.0**

1.224.1 Available under license

## **1.225 openssl 1.1.1q**

1.225.1 Available under license

## **1.226 zlib 1.2.11**

1.226.1 Available under license

## **1.227 futures 3.3.0**

- 1.227.1 Available under license
- 1.228 pyyaml 3.13**
  - 1.228.1 Available under license
- 1.229 eudev 3.2.5**
  - 1.229.1 Available under license
- 1.230 netkit-ftp 20151004**
  - 1.230.1 Available under license
- 1.231 libjitterentropy 3.4.1**
  - 1.231.1 Available under license
- 1.232 fdisk 2.32.1**
  - 1.232.1 Available under license
- 1.233 libedit 20180525+3.1**
  - 1.233.1 Available under license
- 1.234 sysv-init 2.86-1**
  - 1.234.1 Available under license
- 1.235 sysv-init 2.88**
  - 1.235.1 Available under license
- 1.236 mod-security 2.9.0**
  - 1.236.1 Available under license
- 1.237 eudev 3.2.5**
  - 1.237.1 Available under license
- 1.238 netkit-ftp 0.17**
  - 1.238.1 Available under license
- 1.239 libcgroupp 1.0.41**
  - 1.239.1 Available under license
- 1.240 rdma-cm 28.1**
  - 1.240.1 Available under license
- 1.241 time 1.9**
  - 1.241.1 Available under license
- 1.242 yajl 2.1.0**
  - 1.242.1 Available under license
- 1.243 lvm2 1.02.149**
  - 1.243.1 Available under license

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=====  
README for release 6b of 27-Mar-1998

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This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

## DOCUMENTATION

### ROADMAP

=====

This file contains the following sections:

OVERVIEW        General description of JPEG and the IJG software.  
LEGAL ISSUES    Copyright, lack of warranty, terms of distribution.  
REFERENCES     Where to learn more about JPEG.  
ARCHIVE LOCATIONS Where to find newer versions of this software.  
RELATED SOFTWARE Other stuff you should get.  
FILE FORMAT WARS Software \*not\* to get.  
TO DO          Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.doc    How to configure and install the IJG software.  
usage.doc     Usage instructions for cjpeg, djpeg, jpegtran,  
              rdjpgcom, and wrjpgcom.  
\*.1            Unix-style man pages for programs (same info as usage.doc).  
wizard.doc    Advanced usage instructions for JPEG wizards only.  
change.log    Version-to-version change highlights.

Programmer and internal

documentation:

libjpeg.doc   How to use the JPEG library in your own programs.  
example.c     Sample code for calling the JPEG library.  
structure.doc  Overview of the JPEG library's internal structure.  
filelist.doc   Road map of IJG files.  
coderrules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or

more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

## OVERVIEW

=====

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images.

JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to

be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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## REFERENCES

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We

highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at <ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The

JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7%

shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department  
C-Cube Microsystems, Inc.  
1778 McCarthy Blvd.  
Milpitas, CA 95035  
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at <ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text version at <ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme

found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <ftp://ftp.sgi.com> or from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from <ftp://ftp.sgi.com/graphics/tiff/>.

## ARCHIVE LOCATIONS

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The "official" archive site for this software is [ftp.uu.net](ftp://ftp.uu.net) (Internet address 192.48.96.9). The most recent released version can always be found there in directory [graphics/jpeg](ftp://ftp.uu.net/graphics/jpeg/). This particular version will be archived as <ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz>. If you don't

have  
direct Internet access, UUNET's archives are also available via UUCP; contact  
help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only  
ftp.uu.net is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from  
the SimTel archives (ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/), or  
on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12  
"JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net  
release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of  
general information about JPEG. It is updated constantly and therefore is  
not included in this distribution. The FAQ is posted every two weeks to  
Usenet newsgroups comp.graphics.misc, news.answers, and other groups.  
It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/>  
and other news.answers  
archive sites, including the official news.answers  
archive at rtfm.mit.edu: <ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/>.  
If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu  
with body  
send usenet/news.answers/jpeg-faq/part1  
send usenet/news.answers/jpeg-faq/part2

## RELATED SOFTWARE

=====

Numerous viewing and image manipulation programs now support JPEG. (Quite a  
few of them use this library to do so.) The JPEG FAQ described above lists  
some of the more popular free and shareware viewers, and tells where to  
obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free  
PBPLUS software, which provides many useful operations on PPM-format image  
files. In particular, it can convert PPM images to and from a wide range of  
other formats, thus making cjpeg/djpeg considerably more useful. The latest  
version is distributed by the NetPBM group, and is available from numerous  
sites,  
notably <ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/>.  
Unfortunately PBPLUS/NETPBM is not nearly as portable as the IJG software is;  
you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford,  
is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program  
is designed for research and experimentation rather than production use;

it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

## FILE FORMAT WARS

=====

Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read.

(For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether

SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

## TO DO

=====

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary

smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to [jpeg-info@uunet.uu.net](mailto:jpeg-info@uunet.uu.net).

## 1.4 csrp 1.0

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## 1.6 sed 4.2.2

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So, if you want, you may use any 2.N.\* (N >= 3) version string for future xinetd versions that you release. Note that I am excluding the 2.2.\* line; using

that would only create confusion. Naming the next release 2.3.0 would put to rest the confusion about 2.2.1 and 2.1.8.\*.

## 1.9 bzip2 1.0.6

### 1.9.1 Available under license :

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[jseward@acm.org](mailto:jseward@acm.org)

bzip2/libbzip2 version 1.0.2 of 30 December 2001

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minibz2

libbz2.dll test program.

by Yoshioka Tsuneo ([tsuneo@rr.iij4u.or.jp](mailto:tsuneo@rr.iij4u.or.jp))

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usage: minibz2 [-d] [-{1,2,..9}] [[srcfilename] destfilename]

\*/

## 1.10 unzip 6.0

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FIRST NOTE:

This file contains some details about the copyright history of contributions to the UnZip project.

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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).

The following copyright applies to the Mac OS File Manager interface code (macos/source/macstuff.[ch]), distributed with UnZip 5.4 and later:

```
* MoreFiles
*
* A collection of File Manager and related routines
*
* by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
* with significant code contributions by Nitin Ganatra
* (Apple Macintosh Developer Technical Support Emeritus)
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\*  
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\*  
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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 remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

Note that the third and fourth stipulations still apply to any company that wishes to incorporate the unreduced code into its products; if you wish to do so, you must contact Mr. Smith directly regarding licensing.

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-----

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-----

The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

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.

-----

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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,

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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 combine 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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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

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```

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

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## 1.12 jboss-logging 3.1.1.GA

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Version 2.1, February 1999

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allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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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.

### 4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form

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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.

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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.

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- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
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```
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```
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```

```
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# 1.15 findutils 4.6.0

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Version 3, 29 June 2007

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content="DocBook XSL Stylesheets V1.37"></head><body bgcolor="white" text="black" link="#0000FF"
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#  
# install - install a program, script, or datafile  
# This comes from X11R5 (mit/util/scripts/install.sh).  
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## 1.22 libmnl 1.0.4

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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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.

Note that it is possible for a library to be covered by the ordinary

General Public License rather than by this special one.

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(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.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition,

mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the

Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- 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 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
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generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system;

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#### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. 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 library's name and a brief idea of what it does.>  
Copyright (C) <year>  
<name of author>
```

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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary.

Here is a sample; alter the names:

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!

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Version 3, 29 June 2007

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To protect your rights, we need to prevent others from denying you

these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps:

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For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand

ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

## TERMS AND CONDITIONS

### 0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

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To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

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#### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The

"System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

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section 10

makes it unnecessary.

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You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:



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A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

#### 6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
  
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a

written offer, valid for at least three years

and valid for as

long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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.

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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```

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# 1.31 apache-http-server 2.4.34

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```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en"><head>
<meta content="text/html; charset=ISO-8859-1" http-equiv="Content-Type" />
<!--
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X
    This file is generated from xml source: DO NOT EDIT
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
X
    -->
<title>The Apache License, Version 2.0 - Apache HTTP Server Version 2.4</title>
<link href="/style/css/manual.css" rel="stylesheet" media="all" type="text/css" title="Main stylesheet" />
<link href="/style/css/manual-loose-100pc.css" rel="alternate stylesheet" media="all" type="text/css" title="No
Sidebar - Default font size" />
<link href="/style/css/manual-print.css" rel="stylesheet" media="print" type="text/css" /><link rel="stylesheet"
type="text/css" href="/style/css/prettify.css"
/>
<script src="/style/scripts/prettify.min.js" type="text/javascript">
</script>

<link href="/images/favicon.ico" rel="shortcut icon" /></head>
<body id="manual-page" class="no-sidebar"><div id="page-header">
<p class="menu"><a href="/mod/">Modules</a> | <a href="/mod/directives.html">Directives</a> | <a
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> > <a href="http://httpd.apache.org">HTTP Server</a> > <a
href="http://httpd.apache.org/docs/">Documentation</a> > <a href="/">Version 2.4</a></div><div id="page-
content"><div id="preamble"><h1>The Apache License, Version 2.0</h1>
<div class="toplant">
<p><span>Available Languages:
</span><a href="/en/license.html" title="English">&nbsp;en&nbsp;</a></p>
</div>
```

```
<p class="centered">Apache License<br />
Version 2.0, January 2004<br />
<a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a><br /><br />
```

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```
<ol>
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```

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```

```
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```

```
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channel, #httpd, on Freenode, or sent to our <a href="http://httpd.apache.org/lists.html">mailing lists</a>.</div>
<script type="text/javascript"><!--><![CDATA[//><!--
var comments_shortname = 'httpd';
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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<p class="menu"><a href="/mod/">Modules</a> | <a href="/mod/directives.html">Directives</a> | <a
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[//><!--
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  prettyPrint();
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* httpd@ncsa.uiuc.edu
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```
/*          ZeusBench V1.01  
=====
```

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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:

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```
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```

```
/* setjmp is implemented in setjmp.S */
```

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builds/unix/pkg.m4

#

docs/FTL.TXT

docs/GPLv2.TXT

#

include/freetype/internal/fthash.h

#

src/base/fthash.c

src/base/md5.c

src/base/md5.h

#

src/bdf/bdf.c

src/bdf/bdf.h

src/bdf/bdfdrivr.c

src/bdf/bdfdrivr.h

src/bdf/bdferror.h

src/bdf/bdflib.c

src/bdf/module.mk

src/bdf/README

src/bdf/rules.mk

#

src/pcf/module.mk

src/pcf/pcf.c

src/pcf/pcf.h

src/pcf/pcfdrivr.c

src/pcf/pcfdrivr.h

src/pcf/pcferror.h

src/pcf/pcfread.c

src/pcf/pcfread.h

src/pcf/pcfutil.c

src/pcf/pcfutil.h

```
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftandom/ftandom.c
#
#
EOF
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\* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

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\* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

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\* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

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\* `admin/check-style.sh`,  
`admin/check-style-common.awk`,  
`admin/check-style-cpp.awk`, `admin/check-style-shell.awk`: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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    <xsl:param name="text"/>
    <xsl:value-of select="$isc.copyright.leader"/>
    <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
    <xsl:text>&#10;</xsl:text>
    <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
    <xsl:if test="translate($rest, '&#9;&#32;', ' ')>

      <xsl:call-template name="isc.copyright.format">
        <xsl:with-param name="text" select="$rest"/>
      </xsl:call-template>
    </xsl:if>
  </xsl:template>

  <xsl:variable name="isc.copyright.text">
    <xsl:text>
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      License, v. 2.0. If a copy of the MPL was not distributed with this
      file, You can obtain one at http://mozilla.org/MPL/2.0/.
    </xsl:text>
  </xsl:variable>

  <xsl:variable name="isc.copyright">
    <xsl:call-template name="isc.copyright.format">
      <xsl:with-param name="text">
        <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
          <xsl:text>Copyright (C) </xsl:text>
          <xsl:call-template name="copyright.years">
            <xsl:with-param name="years" select="year"/>
          </xsl:call-template>
          <xsl:text> </xsl:text>
          <xsl:value-of select="holder"/>
          <xsl:value-of select="$isc.copyright.breakline"/>
          <xsl:text>&#10;</xsl:text>
        </xsl:for-each>
      </xsl:with-param>
    </xsl:call-template>
  </xsl:variable>

```

```
<xsl:value-of
select="$isc.copyright.text"/>
  </xsl:with-param>
</xsl:call-template>
</xsl:variable>
</xsl:stylesheet>
```

<!--

- Local variables:

- mode: sgml

- End:

-->

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## 1.39 zlib 1.2.8

### 1.39.1 Available under license :

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

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lib/libgss/g\_export\_name.c  
lib/libgss/g\_glue.c  
lib/libgss/g\_imp\_name.c  
lib/libgss/g\_imp\_sec\_context.c  
lib/libgss/g\_init\_sec\_context.c  
lib/libgss/g\_initialize.c  
lib/libgss/g\_inquire\_context.c  
lib/libgss/g\_inquire\_cred.c  
lib/libgss/g\_inquire\_names.c  
lib/libgss/g\_process\_context.c  
lib/libgss/g\_rel\_buffer.c  
lib/libgss/g\_rel\_cred.c  
lib/libgss/g\_rel\_name.c  
lib/libgss/g\_rel\_oid\_set.c  
lib/libgss/g\_seal.c  
lib/libgss/g\_sign.c  
lib/libgss/g\_store\_cred.c  
lib/libgss/g\_unseal.c  
lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
uts/common/gssapi/include/mechglueP.h

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```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <title>MIT Kerberos License information &#8212; MIT Kerberos Documentation</title>
  <link rel="stylesheet" href="_static/agogo.css" type="text/css" />
  <link rel="stylesheet" href="_static/pygments.css" type="text/css" />
  <link rel="stylesheet" href="_static/kerb.css" type="text/css" />
  <script type="text/javascript">
    var DOCUMENTATION_OPTIONS = {
      URL_ROOT:    './',
      VERSION:    '1.17',
      COLLAPSE_INDEX: false,
      FILE_SUFFIX: '.html',
      HAS_SOURCE:  true,
      SOURCELINK_SUFFIX: '.txt'
    };
  </script>
  <script type="text/javascript" src="_static/jquery.js"></script>
  <script type="text/javascript" src="_static/underscore.js"></script>
  <script type="text/javascript"
src="_static/doctools.js"></script>
  <link rel="author" title="About these documents" href="about.html" />
  <link rel="index" title="Index" href="genindex.html" />
  <link rel="search" title="Search" href="search.html" />
  <link rel="copyright" title="Copyright" href="copyright.html" />
  <link rel="next" title="Copyright" href="copyright.html" />
  <link rel="prev" title="MIT Kerberos features" href="mitK5features.html" />
</head>
<body>
  <div class="header-wrapper">
    <div class="header">

      <h1><a href="index.html">MIT Kerberos Documentation</a></h1>
```



```
<div class="rel">

<a href="index.html" title="Full Table of Contents"
  accesskey="C">Contents</a> |
<a href="mitK5features.html" title="MIT Kerberos features"
  accesskey="P">previous</a> |
<a href="copyright.html" title="Copyright"
  accesskey="N">next</a> |
<a href="genindex.html"
title="General Index"
  accesskey="I">index</a> |
<a href="search.html" title="Enter search criteria"
  accesskey="S">Search</a> |
<a href="mailto:krb5-bugs@mit.edu?subject=Documentation__MIT Kerberos License
information">feedback</a>
</div>
</div>
</div>
```

```
<div class="content-wrapper">
<div class="content">
<div class="document">
```

```
<div class="documentwrapper">
<div class="bodywrapper">
<div class="body" role="main">
```

```
<div class="section" id="mit-kerberos-license-information">
<span id="mitk5license"></span><h1>MIT Kerberos License information<a class="headerlink" href="#mit-
kerberos-license-information" title="Permalink to this headline"></a></h1>
<div class="toctree-wrapper compound">
</div>
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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
```







```
class="o"/></span><span class="n">gssapi</span><span class="o"/></span><span
class="n">mechglue</span><span class="o"/></span><span class="n">gssd_pname_to_uid</span><span
class="o"/></span><span class="n">c</span>
<span class="n">lib</span><span class="o"/></span><span class="n">gssapi</span><span
class="o"/></span><span class="n">mechglue</span><span class="o"/></span><span
class="n">mglueP</span><span class="o"/></span><span class="n">h</span>
<span class="n">lib</span><span class="o"/></span><span class="n">gssapi</span><span
class="o"/></span><span class="n">mechglue</span><span class="o"/></span><span
class="n">oid_ops</span><span class="o"/></span><span class="n">c</span>
<span class="n">lib</span><span class="o"/></span><span class="n">gssapi</span><span
class="o"/></span><span class="n">spnego</span><span class="o"/></span><span
class="n">gssapiP_spnego</span><span class="o"/></span><span class="n">h</span>
<span class="n">lib</span><span class="o"/></span><span
class="n">gssapi</span><span class="o"/></span><span class="n">spnego</span><span
class="o"/></span><span class="n">spnego_mech</span><span class="o"/></span><span class="n">c</span>
</pre></div>
</div>
```

<p>and the initial implementation of incremental propagation, including the following new or changed files:</p>

```
<div class="highlight-default"><div class="highlight"><pre><span></span><span class="n">include</span><span
class="o"/></span><span class="n">iprop_hdr</span><span class="o"/></span><span class="n">h</span>
<span class="n">kadmin</span><span class="o"/></span><span class="n">server</span><span
class="o"/></span><span class="n">ipropd_svc</span><span class="o"/></span><span class="n">c</span>
<span class="n">lib</span><span class="o"/></span><span class="n">kdb</span><span class="o"/></span><span
class="n">iprop</span><span class="o"/></span><span class="n">x</span>
<span class="n">lib</span><span class="o"/></span><span class="n">kdb</span><span class="o"/></span><span
class="n">kdb_convert</span><span
class="o"/></span><span class="n">c</span>
<span class="n">lib</span><span class="o"/></span><span class="n">kdb</span><span class="o"/></span><span
class="n">kdb_log</span><span class="o"/></span><span class="n">c</span>
<span class="n">lib</span><span class="o"/></span><span class="n">kdb</span><span class="o"/></span><span
class="n">kdb_log</span><span class="o"/></span><span class="n">h</span>
<span class="n">lib</span><span class="o"/></span><span class="n">krb5</span><span
class="o"/></span><span class="n">error_tables</span><span class="o"/></span><span
class="n">kdb5_err</span><span class="o"/></span><span class="n">et</span>
<span class="n">kprop</span><span class="o"/></span><span class="n">kpropd_rpc</span><span
class="o"/></span><span class="n">c</span>
<span class="n">kprop</span><span class="o"/></span><span class="n">kproplog</span><span
class="o"/></span><span class="n">c</span>
</pre></div>
```

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<h2>On this page</h2>

<ul>

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</ul>

<br/>

<h2>Table of contents</h2>

<ul>

<li class="toctree-l1"><a class="reference internal" href="user/index.html">For users</a></li>

<li class="toctree-l1"><a class="reference internal" href="admin/index.html">For administrators</a></li>

<li class="toctree-l1"><a class="reference internal" href="appdev/index.html">For application developers</a></li>

<li class="toctree-l1"><a class="reference internal" href="plugindev/index.html">For plugin module developers</a></li>

<li class="toctree-l1"><a class="reference internal" href="build/index.html">Building Kerberos V5</a></li>

<li class="toctree-l1"><a class="reference internal" href="basic/index.html">Kerberos V5 concepts</a></li>

<li class="toctree-l1"><a class="reference internal" href="formats/index.html">Protocols and file formats</a></li>

<li class="toctree-l1"><a class="reference internal" href="mitK5features.html">MIT Kerberos features</a></li>

<li class="toctree-l1"><a class="reference internal" href="build\_this.html">How to build this documentation from the source</a></li>

<li class="toctree-l1"><a class="reference internal" href="about.html">Contributing to the MIT Kerberos Documentation</a></li>

<li>

class="toctree-l1"><a class="reference internal" href="resources.html">Resources</a></li>

</ul>

<br/>

<h4><a href="index.html">Full Table of Contents</a></h4>

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

.. parsed-literal::

```
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:

.. parsed-literal::

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  
kprop/kpropd\_rpc.c  
kprop/kproplog.c

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<head>  
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />  
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  <link rel="stylesheet" href="_static/kerb.css" type="text/css" />  
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      HAS_SOURCE:  true,  
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  <link rel="index" title="Index" href="genindex.html" />  
  <link rel="search" title="Search" href="search.html" />  
  <link rel="copyright" title="Copyright" href="#" />  
  <link rel="next" title="How to build this documentation from the source" href="build_this.html" />  
  <link rel="prev" title="MIT Kerberos License information" href="mitK5license.html" />  
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      <h1><a href="index.html">MIT Kerberos Documentation</a></h1>
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<a href="index.html" title="Full Table of Contents"
  accesskey="C">Contents</a> |
<a href="mitK5license.html" title="MIT Kerberos License information"
  accesskey="P">previous</a> |
<a href="build_this.html" title="How to build this documentation from the
source"
  accesskey="N">next</a> |
<a href="genindex.html" title="General Index"
  accesskey="I">index</a> |
<a href="search.html" title="Enter search criteria"
  accesskey="S">Search</a> |
<a href="mailto:krb5-bugs@mit.edu?subject=Documentation__Copyright">feedback</a>
</div>
</div>
</div>
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<div class="document">
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</div>
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</div>
<div class="sidebar">
<h2>On this page</h2>
<ul>
<li><a class="reference internal" href="#">Copyright</a></li>
</ul>

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## <h2>Table of contents</h2>

<ul>

- <li class="toctree-l1"><a class="reference internal" href="user/index.html">For users</a></li>
- <li class="toctree-l1"><a class="reference internal" href="admin/index.html">For administrators</a></li>
- <li class="toctree-l1"><a class="reference internal" href="appdev/index.html">For application developers</a></li>
- <li class="toctree-l1"><a class="reference internal" href="plugindev/index.html">For plugin module developers</a></li>
- <li class="toctree-l1"><a class="reference internal" href="build/index.html">Building Kerberos V5</a></li>
- <li class="toctree-l1"><a class="reference internal" href="basic/index.html">Kerberos V5 concepts</a></li>
- <li class="toctree-l1"><a class="reference internal" href="formats/index.html">Protocols and file formats</a></li>
- <li class="toctree-l1"><a class="reference internal" href="mitK5features.html">MIT Kerberos features</a></li>
- <li class="toctree-l1"><a class="reference internal" href="build\_this.html">How to build this documentation from the source</a></li>
- <li class="toctree-l1"><a class="reference internal" href="about.html">Contributing to the MIT Kerberos Documentation</a></li>
- <li class="toctree-l1"><a class="reference internal" href="resources.html">Resources</a></li>

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<h4><a href="index.html">Full Table of Contents</a></h4>

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<div class="clearer"></div>  
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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  
kprop/kpropd\_rpc.c

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import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
            if text_seen:
                warn(fname, ln, 'License begins after first
line of comment')
            elif code_seen:
                warn(fname, ln, 'License after code')
            elif nonlicense_seen:
                warn(fname, ln, 'License after non-license comments')
            break
        # DB2 licenses start with '/*-' and we don't want to change them.
        if line != " and line != '-':
            text_seen = True
    return is_license

def check_file(lines, fname):

```

```

# Skip emacs mode line if present.
ln = 0
if '-*- mode: c;' in lines[ln]:
    ln += 1

# Check filename comment if present.
m = re.match(r'^\* ([^ ]*)( - .*)? \*/', lines[ln])
if m:
    if m.group(1) != fname:
        warn(fname, ln, 'Wrong filename in comment')
    ln += 1

# Scan for license statements.
in_comment = False
code_seen = False
nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'^\*.*?\*/',
", line)
        line = line.strip()

    if not in_comment and '/*' in line:
        (line, sep, comment_part) = line.partition('/*')
        comment = [comment_part.strip()]
        comment_starts_at = ln
        in_comment = True
    elif in_comment and '*/' not in line:
        comment.append(line.lstrip('*').rstrip())
    elif in_comment:
        (comment_part, sep, line) = line.partition('*/')
        comment.append(comment_part.strip())
        is_license = check_comment(comment, fname, comment_starts_at,
                                code_seen, nonlicense_seen)
        nonlicense_seen = nonlicense_seen or not is_license
        in_comment = False
    elif line.strip() != "":
        code_seen = True

    ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()

```

```
check_file(lines, fname)
/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*- */
/*
```

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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.

@item

As an exception to the Sections above, you may also combine 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.

You must give prominent notice with each copy of the work that the  
Library is used in it and that the Library and its use are covered by  
this License. You must supply a copy of this License. If the work  
during execution displays copyright notices, you must include the  
copyright notice for the Library among them, as well as a reference  
directing the user to the copy of  
this License. Also, you must do one  
of these things:

@enumerate a

@item

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.)

@item

Use a suitable shared library mechanism for linking with the Library. A  
suitable mechanism is one that (1) uses at run time a copy of the  
library already present on the user's computer system, rather than  
copying library functions into the executable,  
and (2) will operate  
properly with a modified version of the library, if the user installs  
one, as long as the modified version is interface-compatible with the  
version that the work was made with.

@item

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.

@item

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.

@item

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

@end enumerate

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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

@item

You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

@enumerate a

@item

Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

@item

Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

@end enumerate

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@item

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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page

@subheading How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. 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.

```
@smallexample
@var{one line to give the library's name and an idea of what it does.}
Copyright (C) @var{year} @var{name of author}
```

This library is free software; you can redistribute it and/or modify it  
under the terms of the GNU Lesser General Public 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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WITHOUT ANY WARRANTY; without even the implied warranty of  
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU  
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public  
License along with this library; if not, write to the Free Software  
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301,  
USA.

```
@end
smallexample
```

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your  
school, if any, to sign a ``copyright disclaimer" for the library, if  
necessary. Here is a sample; alter the names:

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

```
@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample
```

That's all there is to it!  
The libasprintf package is under the LGPL, see file COPYING.LIB.  
This subpackage is under the GPL, see file COPYING in the toplevel directory.  
@c The GNU General Public License.  
@center Version 2, June 1991

```
@c This file is intended to be included within another document,
@c hence no sectioning command or @node.
```

@display

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of this license document, but changing it is not allowed.

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The precise terms and conditions for copying, distribution and modification follow.

@heading TERMS AND  
CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@enumerate 0

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Whether that is true depends on what the Program does.

@item

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@item

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@enumerate a

@item

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@item

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@item

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@end enumerate

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In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of

a storage or distribution medium does not bring  
the other work under  
the scope of this License.

@item

You may copy and distribute the Program (or a work based on it,  
under Section 2) in object code or executable form under the terms of  
Sections 1 and 2 above provided that you also do one of the following:

@enumerate a

@item

Accompany it with the complete corresponding machine-readable  
source code, which must be distributed under the terms of Sections  
1 and 2 above on a medium customarily used for software interchange; or,

@item

Accompany it with a written offer, valid for at least three  
years, to give any third party, for a charge no more than your  
cost of physically performing source distribution, a complete  
machine-readable copy of the corresponding source code, to be  
distributed under the terms of Sections 1 and 2 above on a medium  
customarily used for software interchange; or,

@item

Accompany it with the information you received as to the offer  
to distribute corresponding source code. (This alternative is  
allowed only for noncommercial  
distribution and only if you  
received the program in object code or executable form with such  
an offer, in accord with Subsection b above.)

@end enumerate

The source code for a work means the preferred form of the work for  
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code means all the source code for all modules it contains, plus any  
associated interface definition files, plus the scripts used to  
control compilation and installation of the executable. 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.

If distribution of executable or 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 counts  
as  
distribution of the source code, even though third parties are not

compelled to copy the source along with the object code.

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Each

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of promoting the sharing and reuse of software generally.

@iftex

@heading NO WARRANTY

@end iftex

@ifinfo

@center

NO WARRANTY

@end ifinfo

@item

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@item

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@end enumerate

@iftex

@heading END OF TERMS AND CONDITIONS

@end iftex

@ifinfo

@center END OF TERMS AND CONDITIONS

@end ifinfo

@page

@heading Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest

possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

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.

```
@smallexample
@var{one line to give the program's name
and a brief idea of what it does.}
Copyright (C) @var{yyyy} @var{name of author}
```

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.  
@end smallexample

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
@smallexample
Gnomovision version
69, Copyright (C) @var{year} @var{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.
@end smallexample
```

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

You should also get your employer (if you work as a programmer) or your

school, if any, to sign a ``copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

@example

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

@var{signature of Ty Coon}, 1 April 1989

Ty Coon, President of Vice

@end example

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7 Kim Lane

Rochester NH 03867-2954

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- \* Runtime binaries, as provided by DJ in DJGPP, may be distributed without sources ONLY if the recipient is given sufficient information to obtain a copy of djgpp themselves. This primarily applies to go32-v2.exe, emu387.dxe, and stubedit.exe.
- \* Runtime objects and libraries, as provided by DJ in DJGPP, when



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-----

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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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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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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6. As an exception to the Sections above, you may also combine 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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## 1.50 libdaemon 0.14

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits

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include/apr\_strings.h:

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## 1.57 zeromq 4.2.3

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# Don't put empty lines into this file!  
#  
.gitignore  
#  
builds/unix/pkg.m4  
#  
docs/FTL.TXT  
docs/GPLv2.TXT  
#  
include/freetype/internal/fthash.h  
#  
src/base/fthash.c  
src/base/md5.c  
src/base/md5.h  
#
```

```
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftandom/ftandom.c
#
#
EOF
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## 1.68 coreutils 8.30

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## 1.72 libcgrouop 0.41

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<signature of Ty Coon>, 1 April 1990  
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That's all there is to it!

## 1.73 jansson 2.11

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Any executables

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```
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```

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```
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```

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

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```

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+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming,

converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith

Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases



for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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## 1.81 tcl 8.6.8

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\*\*\*\*\*

History and License

\*\*\*\*\*

History of the software

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://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 <https://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 <https://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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Release	Derived from	Year	Owner	GPL compatible?
0.9.0 thru 1.2	n/a	1991-1995	CWI	yes



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1.6	1.5.2	2000	CNRI	no	
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1.6.1	1.6	2001	CNRI	no	
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2.1.1	2.1+2.0.1	2001	PSF	yes	
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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 `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/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)`  
or `init_by_array(init_key, key_length)`.

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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

email: m-mat @ math.sci.hiroshima-u.ac.jp (remove space)

Sockets

-----

The `:mod:`socket``

module uses the functions, `:func:`getaddrinfo``, and

`:func:`getnameinfo``, which are coded in separate source files from the WIDE

Project, <http://www.wide.ad.jp/>. ::

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Asynchronous socket services

-----

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UUencode and UUdecode functions  
-----

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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

XML Remote Procedure Calls

-----

The `:mod:`xmlrpc.client`` module contains the following notice::

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-----

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Select kqueue  
-----

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SipHash24

-----

The file `:file:Python/pyhash.c` contains Marek Majkowski's implementation of Dan Bernstein's SipHash24 algorithm. It contains the following note::

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Original location:

<https://github.com/majek/csiphash/>

Solution inspired by code from:

Samuel Neves (supercop/crypto\_auth/siphash24/little)

djb (supercop/crypto\_auth/siphash24/little2)  
Jean-Philippe Aumasson  
(<https://131002.net/siphash/siphash24.c>)

strtod and dtoa

-----

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and strtod for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from <http://www.netlib.org/fp/>. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing notice::

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*****/
```

OpenSSL

-----

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zlib

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cfuhash

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The implementation of the hash table used by the :mod:`tracemalloc` is based on the cfuhash project::

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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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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
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```
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```

```
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License, or  
(at your option) any later version.
```

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

The hypothetical commands

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```
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```

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

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## 1.85 file 5.34

### 1.85.1 Available under license :

```
## -*-makefile-*-
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
## Copyright (c) 1999-2009, International Business Machines Corporation and
## others. All Rights Reserved.

## 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) $@
```

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## 1.86 gnutls 3.6.4

### 1.86.1 Available under license :

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Version 2.1, February 1999

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## Constant-time SSSE3 AES core implementation.

## version 0.1

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## 1.87 protobuf 3.6.1

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\* Small optimizations to Python serialization.

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\* VI syntax highlighting tweaks.

\* Fix compiler to not make output executable.

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\* Heuristic detection of sub-messages when printing unknown fields in text format.

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\* Added @Override annotation to generated Java code where appropriate.

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\* Tru64 support.

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\* Solaris 10 + Sun Studio fixes.

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\* Slicing support for repeated scalar fields for the Python API.

Oleg Smolsky <oleg.smolsky@gmail.com>

\* MS Visual Studio error format option.

\* Detect unordered\_map in stl\_hash.m4.

Brian Olson <brianolson@google.com>

\* gzip/zlib I/O support.

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\* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).

\* Added generation of field number constants.

Wink Saville <wink@google.com>

\* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>

\* Small patch improving performance of in Python serialization.

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\* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

Scott Stafford <scott.stafford@gmail.com>

\* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>

\* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

- \* Detect whether zlib is new enough in configure script.

- \* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>

- \* Optimize Java serialization code when writing a small message to a stream.

- \* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.

- \* Clean up some Java warnings.

- \* Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>

- \* Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthisius.kk@gmail.com>

- \* Fixed m4/acx\_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

- \* Fixed detection of sched\_yield on Solaris.

- \* Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

- \* Fixed minor IBM xLC compiler build issues

- \* Added atomicops for AIX (POWER)

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# 1.88 acpid 2.0.30

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```

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## 1.89 elfutils 0.175

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## 1.90 cronie 1.5.2

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## 1.91 inotify-tools 3.14+git0+1df9af4d6c

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## 1.92 rrdtool 1.7.0

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Alan Lichty <alan\_lichty with eli.net>

Alan Milligan <alan.milligan@last-bastion.net> Python bindings

Alex van den Bogaerdt <alex with ergens.op.het.net> (rrd\_resize.c and more)

Amos Shapira <amos with gezernet.co.il>

Andreas Kroomaa <andre with ml.ee>

Andrew Turner <turner with mint.net> (LAST consolidator)

Aaron Gallagher <\_ with habnab.it> MEDIAN operator

Benny Baumann <benbe with geshi.org> rrd\_dump with callback support

Bernard Fischer <bfischer with syslog.ch> 64bit stuff, --alt-autoscale-max

Bernhard Fischer <rep dot dot dot nop with gmail.com> MMAP rewrite

Bill Fenner <fenner with research.att.com>

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Bruce Campbell <bruce.campbell with apnic.net>

Chin-A-Young <china with thewrittenword.com>

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Christophe Van Ginneken <Christophe.VanGinneken with ubizen.com> (--no-legend)

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Daniel

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Dave Bodenstab <dave@bodenstab.org> AT style time in update, tclfixes

David Grimes <dgrimes with navisite.com> SQRT/SORT/REV/SHIFT/TREND

David L. Barker <dave with ncomtech.com> xport function bug fixes

Evan Miller <emiller with imvu.com> Multiplicative HW Enhancements

Frank Strauss <strauss with escape.de> TCL bindings

Florian octo Forster <rrdtool nospam.verplant.org> rrd\_restore libxml2 rewrite, deprecated function export, rrdcached

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Henrik Storer <henrik with hsw.n.dk> functions for min/max values of data in graph

Hermann Hueni <hueni with glue.ch> (SunOS porting)  
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Jeff R. Allen <jeff.allen with acm.org> (autoconfigure, portability)  
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Mike Slifcak <slif with bellsouth.net> many rrdtool-1.1.x fixes  
Oleg Cherevko <olwi with icyb.kiev.ua>  
Otmar Lendl <O.Lendl with Austria.EU.net> (lots of bugfixes)  
Pablo Sanchez <pablo at blueoakdb.com> (CDEF vs VDEF)  
Patrick Cherry <patrick with bytemark.co.uk>  
Paul Joslin <Paul.Joslin with sdr.com>  
Peter Speck <speck with vitality.dk> eps/svg/pdf file format code in rrdtool-1.x  
Peter Stamfest <peter with stamfest.at> initial multi-thread support  
Peter Breitenlohner <peb with  
mppmu.mpg.de> many patches for rrdtool 1.2.x  
Philippe.Simonet <Philippe.Simonet with swisscom.com> (NT porting)  
Poul-Henning Kamp <phk with freebsd.org> CDEF enhancements  
REIBENSCHUH Alfred <alfred.reibenschuh with it-austria.com> AIX  
Radoslaw Karas <rkaras with tyndall.ie>  
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Roman Hoogant <rhoogant with ee.ethz.ch>  
Ronan Mullally <ronan in 4L.ie>  
Roger J. Meier <roger.meier in terreactive.ch> (arbitrary linelength in rrdtool)  
Russ Wright <rwwright with home.com>  
Sean Summers <sean with Fenstermaker.com> (RPM .spec)  
Selena M Brewington <smbrewin with ichips.intel.com> add\_ds  
Shane O'Donnell <shaneo with opennms.org>  
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Sebastian Harl <sh at tokkee.org> debian packaging, rrdcached fixes and enhancements  
Stefan Ludewig <Stefan.Ludewig at exitgames.com> 1.3 WIN32 Port  
Stefan Mueller <s.mueller with computer.org> HPUX 11  
Steve Harris <steveh with wesley.com.au>  
AIX portability  
Steve Rader <rader with teak.wiscnet.net> (rrd\_cgi debugging and LAST)  
Terminator rAT <karl\_schilke with eli.net>

Tobias Weingartner <weingart with cs.ualberta.ca>  
Thomas Gutzler <thomas.gutzler with gmail.com> dashed lines  
Tom Crawley <Tom.Crawley with hi.riotinto.com.au> (GCC&HP configuration)  
Travis Brown <tebrown with csh.rit.edu>  
Tuc <ttsg with ttsg.com>  
Ulf Lilleengen <lulf with pvv.ntnu.no> Python binding for 'rrdtool first'  
Ulrich Schilling <schilling with netz.uni-essen.de> AIX  
Wim Heirman <wim.heirman elis.ugent.be> --units=si option  
Wolfgang Schrimm <wschrimm with uni-hd.de> xport function  
Wrolf Courtney <wrolf with wrolf.net> (HP-UX)  
hendrik visage <hvisage with is.co.za>  
Vytautas Zdanavicius <vytaszd@yahoo.com> -- python argument list expander  
Martin Sperl <rrdtool martin.sperl.org> (CDEF prediction functions, libdbi)  
Philippe Simonet <philippe.simonet with swisscom.ch> (Windows Binaries)  
Alexander Lucke (lucke with dns-net.de) of DNS:NET Internet  
Services (www.dns-net.de) <http://rrdtool.org>  
Hedley Simons <heds@metahusky.net>  
Nicola Worthington <nicolaw@cpan.org>  
Wegmann, Christof <Christof.Wegmann@exitgames.com> 1.3/trunk win32 port

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## 1.93 free-type 1.0

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#

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#

src/base/fthash.c

src/base/md5.c

src/base/md5.h

#

src/bdf/bdf.c

src/bdf/bdf.h

src/bdf/bdfdrivr.c

src/bdf/bdfdrivr.h

src/bdf/bdferror.h

src/bdf/bdflib.c

src/bdf/module.mk

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#

src/pcf/module.mk

src/pcf/pcf.c

src/pcf/pcf.h

src/pcf/pcfdrivr.c

src/pcf/pcfdrivr.h

src/pcf/pcferror.h

src/pcf/pcfread.c

```
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
#
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Mathias Koch (mkoch - at - idesis.de 7 : email to boost-owner@lists.boost.org Sep 2007 13:20:09 +0200)

--- end ---

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was

originally contributed by Mark Weiser.

The Encore Multimax modifications were supplied by

Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.

Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems.

Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and

Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.

Thomas Funke (thf@zelator.in-berlin.de(?)) and

Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.

Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.

Bill Janssen (janssen@parc.xerox.com) supplied

the SunOS dynamic loader

specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and

Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and

Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.

Alistair G. Crooks(agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports.

Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.

Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to

a Motorola 88K processor running CX/UX (Harris NightHawk).

Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to

nonIBM development environments (a nontrivial task).

Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.

David Chase, then at Olivetti Research, suggested several improvements.

Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the



code to save and print call stacks for leak detection on a SPARC.  
Jesse Hull and John Ellis supplied the C++ interface code.  
Zhong Shao performed much of the  
experimentation that led to the  
current typed allocation facility. (His dynamic type inference code hasn't  
made it into the released version of the collector, yet.)

```
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-->
```

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```
<!DOCTYPE html>
```

```
<html>
```

```
<head></head>
```

```
<body>
```

```
<h3>
```

```
    Copyright Test
```

```
</h3>
```

```
<p class="copyright">
```

```
    1963, 1964, 1965 Jane Doe
```

```
</p>
```

```
<p class="copyright">
```

```
2018 Joe Blow, John Coe
</p>
<p class="copyright">
  1977, 1985 Someone else
</p>
</body>
</html>
```

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```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE article PUBLIC "-//Boost//DTD BoostBook XML V1.0//EN"
"http://www.boost.org/tools/boostbook/dtd/boostbook.dtd">
<article id="copyright_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 $"
xmlns:xi="http://www.w3.org/2001/XInclude">
  <title>Copyright Test</title>
  <articleinfo>
    <copyright>
      <year>1963</year> <year>1964</year> <year>1965</year> <holder>Jane Doe</holder>
    </copyright>
    <copyright>
      <year>2018</year> <holder>Joe Blow, John Coe</holder>
    </copyright>
    <copyright>
      <year>1977</year> <year>1985</year> <holder>Someone else</holder>
    </copyright>
  </articleinfo>
</article>
```

```
=====
Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
Copyright (c) 2009-2011 Mateusz Loskot, London, UK.
```

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```

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////

```
[#mpl]
# MPL Support, <boost/mp11/mpl.hpp>
:toc:
:toc-title:
:idprefix:
```

The header `<boost/mp11/mpl.hpp>`, when included, defines the necessary support infrastructure for `mp_list` and `std::tuple` to be valid link:../../../../libs/mpl[MPL] sequences.

NOTE: `mpl.hpp` is not included by `<boost/mp11.hpp>`.

## 1.98 libidn 1.35



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Version 3, 29 June 2007

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## 1.100 screen 4.6.2

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```
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Copyright (C) <year> <name of author>
```

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```
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```

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```

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

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## 1.102 busybox 1.29.2

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## 1.103 guava 12.0.1

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# 1.104 python-setuptools 39.0.1

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abstract: 'Build and install Perl modules'

author:

- 'Ken Williams <kwilliams@cpan.org>'

- "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-build@perl.org>."

build\_requires:

File::Temp: 0.15

Test::Harness: 3.16

Test::More: 0.49

generated\_by: 'Module::Build version 0.3608'

license: gpl

meta-spec:

url: <http://module-build.sourceforge.net/META-spec-v1.4.html>

version: 1.4

name: Module-Build

resources:

MailingList: <mailto:module-build@perl.org>

license: <http://dev.perl.org/licenses/>

repository: <http://github.com/dagolden/module-build/>

version: 3

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Julian Seward, jseward@bzip.org  
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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```
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```

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the Free Software Foundation; either version 1, or (at your option)  
any later version.
```



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```
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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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school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the  
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
```

```
That's all there is to it!  
#!perl
```

```
=head1 NAME
```

```
copyright.t
```

```
=head1 DESCRIPTION
```

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

```
=cut
```

```
use strict;
use Config;
BEGIN { require './test.pl' }

if ( $Config{usecrosscompile} ) {
    skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current
year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{
```

```
open my $readme, '<', './README' or die "Opening README failed: $!";

# The copyright message is the first paragraph:
local $/ = "";
my $copyright_msg = <$readme>;

my ($year) = $copyright_msg =~ /\.*\b(\d{4,})/s
    or die "Year not found in README copyright message '$copyright_msg'";

$year;
}
```

```
sub v_year
# returns the latest copyright year shown in perl -v
{

my $output = runperl switches => ['-v'];
my ($year) = $output =~ /copyright 1987.*\b(\d{4,})/i
    or die "Copyright statement not found in perl -v output '$output'";

$year;
}
```

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```

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<signature of Ty Coon>, 1 April 1989  
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```
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# 1.110 dosfs-tools 4.1

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## 1.114 cracklib 2.9.5

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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!

-----  
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)  
-----

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  
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> > it was enough to just get it consistent and documented as to what  
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> not  
> GPL-2 ... it was a modified artistic license ... i didnt notice the  
> license  
> change until it was mentioned in the latest notes.  
>=20  
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> 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...  
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> My apologies for not chiming in in anything resembling a reasonable  
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> 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 191Gxtpr020623

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; delp=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

# 1.115 beecrypt 4.2.1

## 1.115.1 Available under license :

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Version 2, June 1991

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I would like to thank the following people (in alphabetical order):

- Seth Arnold, for contributing to the documentation.
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- Jan-Rudolph Bhrmann, for helping me get started on the 64-bit multi-precision integer library.
- Luca Filipozzi, (former) maintainer/packager of BeeCrypt for Debian GNU/Linux.
- Jeff Johnson, the guy behind RedHat's Package Manager, who has inspired and contributed to many of the changes for version 3.0.0. He also provided the new hash functions for version 4.2.0. 73 de Bob.
- Anibal Monsalve Salazar, (current) maintainer/packager of BeeCrypt for Debian GNU/Linux.
- Jon Sturgeon, bug hunter extraordinaire.

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- ARM Ltd, for donating a copy of "ARM Architecture Reference Manual".
- HP/Compaq, for their testdrive program, which gave me the opportunity to test and BeeCrypt on many new platforms.
- FSF France, for providing me with access to the GCC Compile Farm.
- SourceForge, for their excellent open source development platform.

Last but not least: thanks to everyone who provided bits of information,  
reported bugs, provided feedback, or works on including BeeCrypt in any

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If I've missed anyone, it's due to oversight. Drop me a line and I'll rectify the situation as quickly as possible.

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- \* Frodo Looijaard  
Original author of `libsensors`, `sensors-detect`, `sensors` and `isadump`.
- \* Merlin Hughes  
Original author of `sensord`.
- \* Bob Schlaermann  
Dynamic chip feature detection (a.k.a. generic chip support) in `libsensors` and `sensors`.
- \* Mark M. Hoffman  
Many improvements to the `libsensors` configuration file scanner.
- \* Jean Delvare  
New `libsensors` API, and migration of `sensors` and `sensord` thereto.  
Many optimizations in `libsensors` and `sensors`.  
Configuration file converter.  
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Support for multiple configuration files in `libsensors`.

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Version 3, 29 June 2007

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\* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

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\* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

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\* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

\* `admin/check-style.sh`,  
`admin/check-style-common.awk`,  
`admin/check-style-cpp.awk`, `admin/check-style-shell.awk`: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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-->

<!-- \$Id\$ -->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"

xmlns:xsl="http://www.w3.org/1999/XSL/Transform"

xmlns:xi="http://www.w3.org/2001/XInclude"

xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">

<xsl:param name="text"/>

<xsl:value-of select="\$isc.copyright.leader"/>

```

<xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
<xsl:text>&#10;</xsl:text>
<xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
<xsl:if test="translate($rest, '&#9;&#32;', '')">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param
name="text" select="$rest"/>
  </xsl:call-template>
</xsl:if>
</xsl:template>

```

```

<xsl:variable name="isc.copyright.text">
  <xsl:text>
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    file, You can obtain one at http://mozilla.org/MPL/2.0/.
  </xsl:text>
</xsl:variable>

```

```

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="book/info/copyright | refentry/docinfo/copyright">
        <xsl:text>Copyright (C) </xsl:text>
        <xsl:call-template name="copyright.years">
          <xsl:with-param name="years" select="year"/>
        </xsl:call-template>
        <xsl:text> </xsl:text>
        <xsl:value-of select="holder"/>
        <xsl:value-of select="$isc.copyright.breakline"/>
        <xsl:text>&#10;</xsl:text>
      </xsl:for-each>
      <xsl:value-of select="$isc.copyright.text"/>
    </xsl:with-param>
  </xsl:call-template>
</xsl:variable>
</xsl:stylesheet>

```

<!--

```

- Local variables:
- mode: sgml
- End:
-->

```

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# 1.120 bridgeutils 1.6

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## 1.122 rpm 4.14.2

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<signature of Ty Coon>, 1 April 1989
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include/bsd/vis.h  
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man/fgetln.3bsd  
man/fgetwln.3bsd  
man/fpurge.3bsd  
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man/wcslcpy.3bsd

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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

src/getentropy\_hpux.c

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# 1.128 libvirt 4.7.0

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*/
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```
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```

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```
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```

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# 1.130 icu 62

## 1.130.1 Available under license :

```
## -*-makefile-*-
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## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
## Copyright (c) 1999-2013, International Business Machines Corporation and
## others. All Rights Reserved.

## 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
COPYRIGHT AND PERMISSION NOTICE (ICU 58 and later)
```

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#  
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```
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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)

\*/

/\*

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- + trivial database library - standalone version
  
- trivial database library - private includes
- 
- Copyright (C) Andrew Tridgell           2005
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```

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```
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```

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```
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```

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

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(tytso@mit.edu)

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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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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## 1.132 tcp-wrappers 7.6

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## 1.135 iputils 20180629

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## 1.137 libidn 2.0.5

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## 1.139 numactl 2.0.12

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## 1.141 kmod 25+git0+aca4eca103

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## 1.142 libdevmapper 2.02.180

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## 1.145 pigz 2.4

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<http://www.aleksey.com/pipermail/xmlsec/2003/005488.html>

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27. [29]Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
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- (driver 14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
29. [32]Johannes Maximilian Kuehn <kuehn@ntp.org> Rewrote sntp to comply with NTPv4 specification, ntpq saveconfig
  30. [33]William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications
  31. [34]Dave Katz <dkatz@cisco.com> RS/6000 AIX port
  32. [35]Craig Leres <leres@ee.lbl.gov> 4.BSD port, ppsclock, Magnavox GPS clock driver
  33. [36]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
  34. [37]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
  35. [38]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
  36. [39]Danny Mayer <mayer@ntp.org>Network I/O, Windows Port, Code Maintenance
  37. [40]David L. Mills <mills@udel.edu> Version 4 foundation, precision kernel; clock drivers: 1, 3, 4, 6, 7, 11, 13, 18, 19, 22, 36
  38. [41]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
  39. [42]Jeffrey Mogul <mogul@pa.dec.com> ntptrace utility
  40. [43]Tom Moore <tmoore@fievel.daytonoh.ncr.com> i386 svr4 port
  41. [44]Kamal A Mostafa <kamal@whence.com> SCO OpenServer port
  42. [45]Derek Mulcahy <derek@toybox.demon.co.uk> and [46]Damon Hart-Davis <d@hd.org> ARCRON MSF clock driver
  43. [47]Rob Neal <neal@ntp.org> Bancomm refclock and config/parse code maintenance
  44. [48]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
  45. [49]Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
  46. [50]Wilfredo Sanchez <wsanchez@apple.com> added support for NetInfo
  47. [51]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
  48. [52]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
  49. [53]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
  50. [54]Michael Shields <shields@tembel.org> USNO clock driver
  51. [55]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
  52. [56]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
  53. [57]Kenneth Stone <ken@sdd.hp.com> HP-UX port
  54. [58]Ajit Thyagarajan <ajit@ee.udel.edu>IP multicast/anycast support
  55. [59]Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp>TRAK clock driver
  56. [60]Brian Utterback <brian.utterback@oracle.com> General codebase, Solaris issues
  57. [61]Loganaden Velvindron <loganaden@gmail.com> Sandboxing (libseccomp) support
  58. [62]Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic

TrueTime clock driver

59. [63]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

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## References

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## 1.153 traceroute 2.1.0

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## 1.154 jackson-databind 2.9.10

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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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- Zlib is now external, in a library
- 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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[The licence continues]

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- \*
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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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```

/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather
lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
*    combined, allow nicstar_free_rx_skb to be called to
*    recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
*
*
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\* along with this program; if not, write to the Free Software  
\* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.  
\*  
\* M. Welsh, 6 July 1996  
\*  
\*  
\*/

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```
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* Igor Afonov - afonov@gmail.com - 2012
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*/
```

Found in path(s):

```
* /opt/cola/permits/1102738801_1610534739.81/0/multipart-parser-c-master-3-zip/multipart-parser-c-master/multipart_parser.c
* /opt/cola/permits/1102738801_1610534739.81/0/multipart-parser-c-master-3-zip/multipart-parser-c-master/multipart_parser.h
```

# 1.162 glib 2.60.4

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## 1.164 jackson 1.4.2

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 */
```

Found in path(s):

```
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jar/org/soulwing/prospecto/jackson/ViewSerializer.java
* /opt/cola/permits/1109721582_1606405549.78/0/prospecto-jackson-1-4-2-sources-1-
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# 1.166 python-setuptools 40.8.0

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/\*\*

- \* Authorizer allowing only confidential calls. Confidential calls typically
- \* come through HTTPS server connectors.
- \*
- \* @author Jerome Louvel
- \*/

Found in path(s):

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/ConfidentialAuthorizer.java

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Found in path(s):

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/Component.xsd

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\*/

/\*\*

\* Constructor.

\*

\* @param server

\* @param

exchange

\* @param confidential

\*/

Found in path(s):

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/connector/HttpExchangeCall.java

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Found in path(s):

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/resource/MethodAnnotationInfo.java

\*

/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/StringUtils.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/DigesterRepresentation.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
jar/org/restlet/representation/AppendableRepresentation.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
jar/org/restlet/engine/local/ZipClientHelper.java  
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\*/

/\*\* The confidentiality. \*/

/\*\*

\* Constructor.

\*

\* @param schemeName

\* The scheme name.

\* @param name

\* The unique name.

\* @param description

\* The description.

\* @param defaultPort

\* The default port.

\* @param confidential

\* The confidentiality.

\*/

/\*\*

\* Indicates if the protocol guarantees the confidentiality of the messages

\* exchanged, for example via a SSL-secured connection.

\*

\* @return True if the protocol is confidential.

\*/

Found in path(s):

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Protocol.java

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Found in path(s):

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-

jar/org/restlet/engine/header/DispositionReader.java

\*

/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-

jar/org/restlet/engine/header/ExpectationWriter.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-

jar/org/restlet/engine/util/DateUtils.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-

jar/org/restlet/engine/util/SystemUtils.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/Put.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/local/Entity.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-

jar/org/restlet/engine/header/DateWriter.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-

jar/org/restlet/service/DecoderService.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/routing/Validator.java

\*  
/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/ReaderRepresentation.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/routing/Template.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/Decoder.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/CorsFilter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/PreferenceWriter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/ssl/SslUtils.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/CharacterRepresentation.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/StringWriter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/CompositeHelper.java  
\*  
/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/Authenticator.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/ChallengeRequestReader.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/service/ConverterService.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/Client.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/io/ReadableSelectionChannel.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/EngineClassLoader.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/ChildContext.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/Conneg.java  
\*  
/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/TagWriter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/resource/VariantInfo.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/Result.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/StatusInfo.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Tag.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/routing/Router.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/io/WriterOutputStream.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/Context.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/ImmutableDate.java

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/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Range.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Dimension.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/StreamRepresentation.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/routing/VirtualHost.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/WrapperScheduledExecutorService.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/component/ComponentClientDispatcher.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/local/LocalClientHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Expectation.java  
\*  
/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/io/ReaderInputStream.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/HeaderConstants.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/local/ClapClientHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/ReadableRepresentation.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/ByteArrayRepresentation.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/RepresentationInfo.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/PreferenceReader.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/ChallengeAuthenticator.java  
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/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/routing/Route.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/adapter/HttpClientHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/ServiceList.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/EncodingReader.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Parameter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/component/ComponentContext.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/Application.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/service/ConnectorService.java  
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/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/CorsResponseHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/OutputRepresentation.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/local/FileEntity.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/converter/ConverterHelper.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/io/InputStreamChannel.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/security/SmtpPlainHelper.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/service/LogService.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/resource/ThrowableAnnotationInfo.java  
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 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/component/ClientRouter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/connector/Method.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/connector/HttpServerHelper.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/Response.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/io/UnclosableOutputStream.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/security/AuthenticatorHelper.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/CallResolver.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/CookieWriter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/CacheDirective.java  
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 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/EmptyRepresentation.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/CookieSettingWriter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/local/EntityClientHelper.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/ClientList.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/local/ZipEntryRepresentation.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/User.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/Role.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/converter/StatusInfoHtmlConverter.java  
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 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/log/IdentClient.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/Status.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/ExpectationReader.java



\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/local/DirectoryServerResource.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/LocalReference.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/service/CorsService.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/converter/ConverterUtils.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/MediaType.java  
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 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/util/ReferenceUtils.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/util/SelectionRegistration.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/header/RecipientInfoReader.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/Enroler.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/header/ContentTypeReader.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/header/RangeWriter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/security/AuthenticatorUtils.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/component/ServerRouter.java  
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 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/header/TagReader.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/component/ComponentXmlParser.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/io/WakeupListener.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/connector/ConnectorHelper.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/header/CookieReader.java  
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 jar/org/restlet/engine/ssl/DefaultSslContextFactory.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/adapter/ServerAdapter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/ClientInfo.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/routing/Variable.java  
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 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/representation/InputRepresentation.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/security/MemoryRealm.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/representation/ChannelRepresentation.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-

jar/org/restlet/data/ChallengeScheme.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/ProductReader.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/ssl/WrapperSslContextSpi.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/adapter/HttpResponse.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/WrapperList.java  
\*  
/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/CharacterSet.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/HeaderReader.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/DefaultSaxHandler.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/RecipientInfoWriter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/Edition.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Reference.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/ServerList.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/RouteList.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/Engine.java  
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/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/RangeFilter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/RecipientInfo.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/ReferenceList.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/adapter/Adapter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/Server.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/DimensionReader.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/LanguageWriter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/ResourceException.java  
\*  
/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/ContextualRunnable.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/CharacterReadingListener.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/local/ZipEntryEntity.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/connector/HttpClientHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/CertificateAuthenticator.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Status.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-

jar/org/restlet/representation/ObjectRepresentation.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/log/AccessLogFormatter.java  
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 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/io/PipeStream.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/local/RiapServerHelper.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/Post.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/resource/AnnotationInfo.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/Patch.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/service/Service.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/io/UnclosableInputStream.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Digest.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/security/RoleMapping.java  
 \*  
 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/WrapperRestlet.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/io/SelectionChannel.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/header/ChallengeWriter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/Verifier.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/resource/ServerResource.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/Series.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Metadata.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/util/BeanInfoUtils.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/io/RangeInputStream.java  
 \*  
 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/data/ChallengeRequest.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/service/StatusService.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/connector/HttpsServerHelper.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/data/AuthenticationInfo.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Conditions.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/security/SecretVerifier.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/header/MethodWriter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/representation/Variant.java

\*  
/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/CookieSetting.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/io/SelectorFactory.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/StringReader.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/io/BlockableChannel.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Warning.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/Restlet.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/WrapperRepresentation.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/Uniform.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/ByteReadingListener.java  
\*  
/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/NamedValue.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/FormReader.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/log/AccessLogFileHandler.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/Group.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/CacheDirectiveReader.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Method.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/connector/FtpClientHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/log/SimplestFormatter.java  
\*  
/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/RestletHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/ContentType.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/RangeReader.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/connector/ServerHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/component/InternalRouter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/connector/ClientHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/WritableRepresentation.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/TunnelFilter.java  
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/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/ChallengeMessage.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Disposition.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/routing/Extractor.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/component/ComponentServerDispatcher.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/SelectionListener.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/MapVerifier.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/local/FileClientHelper.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Encoding.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/StringReadingListener.java  
 \*  
 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/ssl/SslContextFactory.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/WarningWriter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/component/ClientRoute.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/log/LogUtils.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/Pool.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/ProductWriter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/DecodeRepresentation.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/local/RiapClientHelper.java  
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 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/Delete.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/RangeRepresentation.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/FlexibleConneg.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/DispositionWriter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Preference.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/ChildClientDispatcher.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/TemplateDispatcher.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/adapter/HttpRequest.java  
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 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/RoleAuthorizer.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/TokenReader.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/service/RangeService.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/LanguageReader.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/BufferingRepresentation.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/connector/ProtocolHelper.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/ClientResource.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/WriterRepresentation.java  
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 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/MetadataWriter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/Representation.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/adaptor/ClientCall.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/io/NbChannelInputStream.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/WarningReader.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/Encoder.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Form.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Product.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/HeaderWriter.java  
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 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/InternetDateFormat.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/ClientProxy.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/routing/Filter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/io/Utils.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/MetadataExtension.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/CaseInsensitiveHashSet.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/Component.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/EncodeRepresentation.java  
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 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/service/TunnelService.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/MethodAuthorizer.java

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/ChallengeResponse.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/LocalVerifier.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Header.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/Finder.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/MethodReader.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/AlphabeticalComparator.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/Helper.java  
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/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/Realm.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/adapter/HttpServerHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/FileRepresentation.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/StatusFilter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/connector/WebDavProtocolHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/WrapperMap.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/ApplicationHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/routing/TemplateRoute.java  
\*  
/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/application/StrictConneg.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/log/SimplerFormatter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/Connector.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/component/HostRoute.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/log/LoggerFacade.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/DimensionWriter.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/connector/HttpProtocolHelper.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/header/CookieSettingReader.java  
\*  
/opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/security/Authorizer.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/representation/StringRepresentation.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Language.java  
\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-

jar/org/restlet/engine/ssl/WrapperSslServerSocketFactory.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/routing/Redirector.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/security/HttpBasicHelper.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/ListUtils.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/util/FormUtils.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/connector/ConnectionClosingRepresentation.java  
 \*  
 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/io/NbChannelOutputStream.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/ssl/WrapperSslServerSocketFactory.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/service/MetadataService.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/Cookie.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/ReadingListener.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/header/HeaderUtils.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/Options.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/Get.java  
 \*  
 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/resource/ClientInvocationHandler.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/header/CacheDirectiveWriter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/connector/URLConnectionCall.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/ssl/DefaultSslContext.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/log/LogFilter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/header/EncodingWriter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/component/ComponentHelper.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/util/MapResolver.java  
 \*  
 /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/data/ServerInfo.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/converter/DefaultConverter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/service/EncoderService.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/adapter/ClientAdapter.java  
 \* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
 jar/org/restlet/engine/log/LoggingThreadFactory.java



```
* /opt/cola/permits/1122075426_1629910343.42/0/org-restlet-2-4-3-sources-
jar/org/restlet/engine/log/DefaultAccessLogFormatter.java
* /opt/cola/permits/1122075426_1629910343.42/0/org-restlet-2-4-3-sources-
jar/org/restlet/service/ConnegService.java
* /opt/cola/permits/1122075426_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/util/SetUtils.java
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```

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 */
```

```
/**
 * Indicates if the call came over a confidential channel
 such as an
 * SSL-secured connection.
 *
 * @return True if the call came over a confidential channel.
 */
```

Found in path(s):

```
* /opt/cola/permits/1122075426_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/WrapperRequest.java
* /opt/cola/permits/1122075426_1629910343.42/0/org-restlet-2-4-3-sources-
jar/org/restlet/util/WrapperResponse.java
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```

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*/
/** Indicates if the call is confidential. */
/**
 * Indicates
if the confidentiality of the call is ensured (ex: via SSL).
 *
 * @return True if the confidentiality of the call is ensured (ex: via SSL).
 */
/**
 * Indicates if the confidentiality of the call is ensured (ex: via SSL).
 *
 * @param confidential
 *     True if the confidentiality of the call is ensured (ex: via
 *     SSL).
 */

```

Found in path(s):

```
* /opt/cola/permits/1122075426_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/adaptor/Call.java
```

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```

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\*/  
/\*\*  
\* Optimized public-domain implementation of a Java alphanumeric  
sort.  
\* <p>  
\*  
\* This implementation uses a single comparison pass over the characters in a  
\* CharSequence, and returns as soon as a differing character is found, unless  
\* the difference occurs in a series of numeric characters, in which case that  
\* series is followed to its end. Numeric series of equal length are compared  
\* numerically, that is, according to the most significant (leftmost) differing  
\* digit. Series of unequal length are compared by their length.  
\* <p>  
\*  
\* This implementation appears to be 2-5 times faster than alphanumeric  
\* comparators based based on substring analysis, with a lighter memory  
\* footprint.  
\* <p>  
\*  
\* This alphanumeric comparator has approximately 20%-50% the performance of the  
\* lexical String.compareTo() operation. Character sequences without numeric  
\* data are compared more quickly.  
\* <p>  
\*  
\* Dedicated to the public domain by the original author:  
\* <http://creativecommons.org/licenses/publicdomain/>  
\*  
\* @author Rob Heittman,  
\* <a href="http://www.solertium.com">Solertium  
\* Corporation</a>  
\*/

Found in path(s):

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-  
jar/org/restlet/engine/util/AlphaNumericComparator.java

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 */
/**
 * Application service capable of running and scheduling
 * tasks asynchronously.
 * The service instance returned will not invoke the runnable task in the
 * current thread.<br>
 * <br>
 * In addition to allowing pooling, this method will ensure that the threads
 * executing the tasks will have the thread local variables copied from the
 * calling thread. This will ensure that call to static methods like
 * {@link Application#getCurrent()} still work.<br>
 * <br>
 * Also, note that this executor service will be shared among all Restlets and
 * Resources that are part of your context. In general this context corresponds
 * to a parent Application's context. If you want to have your own service
 * instance, you can use the {@link TaskService#wrap(ScheduledExecutorService)}
 * method to ensure that thread local variables are correctly set.
 *
 * @author Jerome Louvel
 * @author Doug Lea (docs of ExecutorService in public domain)
 * @author Tim Peierls
 */
```

Found in path(s):

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/service/TaskService.java  
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\* Sets the reference comparator based on the more friendly

"Alphanum

\* Algorithm" created by David Koelle. The internal implementation used is  
\* based on an optimized public domain implementation provided by Rob  
\* Heitman from the Solertium Corporation.

\*

\* @see <a href="http://www.davekoelle.com/alphanum.html">The original  
\* Alphanum Algorithm from David Koelle</a>

\* @see #setComparator(Comparator)

\*/

Found in path(s):

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/Directory.java  
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*/
/**
 * Implemented based on the { @link Protocol#isConfidential() }
method for the
 * request's protocol returned by { @link #getProtocol() };
 */
```

Found in path(s):

```
* /opt/cola/permits/1122075426_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/Request.java
```

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 */
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\* Indicates if this service is acting in HTTP or HTTPS mode.

\*

\* @param confidential

\* True if this service is acting in HTTP or HTTPS mode.

\*/

Found in path(s):

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/connector/NetServerHelper.java

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Found in path(s):

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/adapter/ServerCall.java

\*

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/engine/resource/AnnotationUtils.java

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*/
/**
```

```
    * Indicates if the message was or will be exchanged
confidentially, for
    * example via a SSL-secured connection.
    *
    * @return True if the message is confidential.
    * @see Request#isConfidential()
    */
```

Found in path(s):

```
* /opt/cola/permits/1122075426_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/resource/Resource.java
```

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```



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/\*\*

\* Indicates if the message was or will be exchanged  
confidentially, for

\* example via a SSL-secured connection.

\*

\* @return True if the message is confidential.

\*/

Found in path(s):

\* /opt/cola/permits/1122075426\_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/Message.java

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\* Resolves a name into a value. By default, the { @link #createResolver(Map)}

\* static method can adapt a Java map into a resolver. Another useful method is  
\* { @link #createResolver(Request, Response)}, which can expose a Restlet call  
\* into a compact data model, with the following variables:

```
*
* <table>
* <tr>
* <th>Model property</th>
* <th>Variable name</th>
* <th>Content type</th>
* </tr>
* <tr>
* <td>request.confidential</td>
* <td>c</td>
* <td>boolean (true|false)</td>
* </tr>
* <tr>
* <td>request.clientInfo.address</td>
* <td>cia</td>
* <td>String</td>
* </tr>
* <tr>
* <td>request.clientInfo.upstreamAddress</td>
* <td>ciua</td>
* <td>String</td>
* </tr>
* <tr>
* <td>request.clientInfo.agent</td>
* <td>cig</td>
* <td>String</td>
* </tr>
* <tr>
* <td>request.challengeResponse.identifier</td>
* <td>cri</td>
* <td>String</td>
* </tr>
* <tr>
* <td>request.challengeResponse.scheme</td>
* <td>crs</td>
* <td>String</td>
* </tr>
* <tr>
* <td>request.date</td>
* <td>d</td>
* <td>Date (HTTP format)</td>
* </tr>
* <tr>
* <td>request.entity.characterSet</td>
* <td>ecs</td>
```

```

* <td>String</td>
* </tr>
* <tr>
* <td>response.entity.characterSet</td>
* <td>ECS</td>
* <td>String</td>
* </tr>
* <tr>
* <td>request.entity.encoding</td>
* <td>ee</td>
* <td>String</td>
* </tr>
* <tr>
* <td>response.entity.encoding</td>
* <td>EE</td>
* <td>String</td>
* </tr>
* <tr>
* <td>request.entity.expirationDate</td>
* <td>eed</td>
* <td>Date (HTTP format)</td>
* </tr>
* <tr>
* <td>response.entity.expirationDate</td>
* <td>EED</td>
* <td>Date (HTTP format)</td>
* </tr>
* <tr>
* <td>request.entity.language</td>
* <td>el</td>
* <td>String</td>
* </tr>
* <tr>
* <td>response.entity.language</td>
* <td>EL</td>
* <td>String</td>
* </tr>
* <tr>
* <td>request.entity.modificationDate</td>
* <td>emd</td>
* <td>Date (HTTP format)</td>
* </tr>
* <tr>
* <td>response.entity.modificationDate</td>
* <td>EMD</td>
* <td>Date (HTTP format)</td>
* </tr>
* <tr>

```

```

* <td>request.entity.mediaType</td>
* <td>emt</td>
* <td>String</td>
* </tr>
* <tr>
* <td>response.entity.mediaType</td>
* <td>EMT</td>
* <td>String</td>
* </tr>
* <tr>
* <td>request.entity.size</td>
* <td>es</td>
* <td>Integer</td>
* </tr>
* <tr>
* <td>response.entity.size</td>
* <td>ES</td>
* <td>Integer</td>
* </tr>
* <tr>
* <td>request.entity.tag</td>
* <td>et</td>
* <td>String</td>
* </tr>
* <tr>
* <td>response.entity.tag</td>
* <td>ET</td>
* <td>String</td>
* </tr>
* <tr>
* <td>request.referrerRef</td>
* <td>f*</td>
* <td>Reference (see table below variable name sub-parts)</td>
* </tr>
* <tr>
* <td>request.hostRef</td>
* <td>h*</td>
* <td>Reference (see table below variable name sub-parts)</td>
* </tr>
* <tr>
* <td>request.method</td>
* <td>m</td>
* <td>String</td>
* </tr>
* <tr>
* <td>request.rootRef</td>
* <td>o*</td>
* <td>Reference (see table below variable name sub-parts)</td>

```

```

* </tr>
* <tr>
* <td>request.protocol</td>
* <td>p</td>
* <td>String</td>
* </tr>
* <tr>
* <td>request.resourceRef</td>
* <td>r*</td>
* <td>Reference (see table below variable name sub-parts)</td>
* </tr>
* <tr>
* <td>response.redirectRef</td>
* <td>R*</td>
* <td>Reference (see table below variable name sub-parts)</td>
* </tr>
* <tr>
* <td>response.status</td>
* <td>S</td>
* <td>Integer</td>
* </tr>
* <tr>
* <td>response.serverInfo.address</td>
* <td>SIA</td>
* <td>String</td>
* </tr>
* <tr>
* <td>response.serverInfo.agent</td>
* <td>SIG</td>
* <td>String</td>
* </tr>
* <tr>
* <td>response.serverInfo.port</td>
* <td>SIP</td>
* <td>Integer</td>
* </tr>
* </table>
* <br>
*
* Below is the list of name sub-parts, for Reference variables, that can
* replace the asterix in the variable names above:<br>
* <br>
*
* <table>
* <tr>
* <th>Reference property</th>
* <th>Sub-part name</th>
* <th>Content type</th>

```

```

* </tr>
* <tr>
* <td>authority</td>
* <td>a</td>
* <td>String</td>
* </tr>
* <tr>
* <td>baseRef</td>
* <td>b*</td>
* <td>Reference</td>
* </tr>
* <tr>
* <td>targetRef</td>
* <td>t*</td>
* <td>Reference</td>
* </tr>
* <tr>
* <td>relativePart</td>
* <td>e</td>
* <td>String</td>
* </tr>
* <tr>
* <td>fragment</td>
* <td>f</td>
* <td>String</td>
* </tr>
* <tr>
* <td>hostIdentifier</td>
* <td>h</td>
* <td>String</td>
* </tr>
* <tr>
* <td>identifier</td>
* <td>i</td>
* <td>String</td>
* </tr>
* <tr>
* <td>path</td>
* <td>p</td>
* <td>String</td>
* </tr>
* <tr>
* <td>query</td>
* <td>q</td>
* <td>String</td>
* </tr>
* <tr>
* <td>remainingPart</td>

```

```
* <td>r</td>
* <td>String</td>
* </tr>
* </table>
*
* @author Jerome Louvel
*/
```

Found in path(s):

```
*/opt/cola/permits/1122075426_1629910343.42/0/org-restlet-2-4-3-sources-jar/org/restlet/util/Resolver.java
```

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```
*/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/castor/CastorEnumTypeDeserializerFactory.java
*/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/wsdl/toJava/NamespaceSelector.java
*/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/castor/CastorEnumTypeSerializer.java
*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/wsdl/toJava/FactoryProperty.java
*/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/castor/CastorEnumTypeSerializerFactory.java
*/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/SimpleListSerializerFactory.java
```

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jar/org/apache/axis/encoding/ser/castor/CastorSerializer.java

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\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/deployment/wsdd/WSDDConstants.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/encoding/ser/ArraySerializer.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/encoding/ser/ArraySerializerFactory.java

\*

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/deployment/wsdd/WSDDService.java

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\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/SimpleListSerializer.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/castor/CastorEnumTypeDeserializer.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/SimpleListDeserializer.java

\*  
/opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/MixedContentType.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/SimpleListDeserializerFactory.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/AnyContentType.java  
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\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/utils/Base64.java  
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```
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/wsdl/toJava/JavaDeployWriter.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/deployment/wsdd/WSDDArrayMapping.java
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/Duration.java
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- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/deployment/wsdd/WSDDBeanMapping.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/server/ServletEndpointContext.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/TypeMapping.java
- \*
- /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/Handler.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/handler/HandlerChain.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/attachments/PlainTextDataSource.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/HexSerializer.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/InputStreamBody.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/symbolTable/BackslashUtil.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/enum/Style.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/symbolTable/SymTabEntry.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/VectorDeserializerFactory.java
- \*
- /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/deployment/wsdd/providers/WSDDComProvider.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/FactoryFinder.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/PlainTextDataHandlerDeserializer.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/EnumSerializer.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/handler/soap/SOAPMessageContext.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/configuration/XMLStringProvider.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/soap/SOAPPart.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-

```

jar/org/apache/axis/security/servlet/ServletSecurityProvider.java
*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/security/servlet/ServletAuthenticatedUser.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/constants/Style.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/TypeMappingImpl.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/MapSerializerFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/HexBinary.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/MapDeserializer.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/ArrayDeserializer.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/gen/NoopFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/VectorDeserializer.java
*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/script/BSF.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/types/NonPositiveInteger.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/wsdl/toJava/JavaInterfaceWriter.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/transport/http/HTTPConstants.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/components/uuid/UUIDGenFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/MapDeserializerFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/session/SimpleSession.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/soap/SOAPElement.java
*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/transport/local/LocalResponder.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/handlers/JAXRPCHandler.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/JAFDataHandlerDeserializerFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/components/encoding/AbstractXMLEncoder.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/VectorSerializerFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/utils/Token.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/wsdl/symbolTable/CollectionTE.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/security/simple/SimpleSecurityProvider.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/holders/LongHolder.java

```

```

*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/wsdl/toJava/JavaBeanWriter.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/UnsignedByte.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/TimeSerializer.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/attachments/OctetStreamDataSource.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/client/AxisClientProxy.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/NMToken.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/transport/mail/MailConstants.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/encoding/Deserializer.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/SerializationContext.java
*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/handlers/SimpleSessionHandler.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/transport/http/AxisHttpSession.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/DeserializerImpl.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/providers/ComProvider.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/Version.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/utis/cache/JavaClass.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/transport/local/LocalTransport.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/soap/Detail.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/components/net/DefaultHTTPTransportClientProperties.java
*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/wsdl/toJava/JavaBeanFaultWriter.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/deployment/wsdd/WSDDUndeployment.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/Message.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/soap/SOAPElementFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/TimeSerializerFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/security/simple/SimpleAuthenticatedUser.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/wsdl/toJava/JavaServiceWriter.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/message/RPCHeaderParam.java
*

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/opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/server/ParamList.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/FaultHandler.java  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/holders/CalendarHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/compiler/AbstractCompiler.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/handler/HandlerInfo.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/constants/Enum.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/symbolTable/ElementDecl.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/toJava/JavaServiceIfaceWriter.java  
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 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/AxisServiceConfig.java  
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 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/handlers/HandlerInfoChainFactory.java  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/client/Stub.java  
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 jar/org/apache/axis/attachments/ManagedMemoryDataSource.java  
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 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/collections/LRUMap.java  
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 jar/org/apache/axis/encoding/ser/CalendarSerializer.java  
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 jar/org/apache/axis/wsdl/symbolTable/ContainedAttribute.java  
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 jar/org/apache/axis/encoding/ser/Base64DeserializerFactory.java  
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 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/Schema.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/beans/Admin.java  
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 \*  
 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/holders/BooleanHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
 jar/org/apache/axis/deployment/wsdd/providers/WSDDBsProvider.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
 jar/org/apache/axis/wsdl/fromJava/Namespaces.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/UnsignedInt.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/client/async/AsyncCall.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/NodeListImpl.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
 jar/org/apache/axis/components/uuid/SimpleUUIDGen.java



\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/client/ServiceFactory.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/SerializerFactory.java  
 \*  
 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/soap/SOAPFaultElement.java  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/utils/DefaultEntityResolver.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/Service.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/TypeMappingRegistryImpl.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/net/SunFakeTrustSocketFactory.java  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/compiler/Compiler.java  
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 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/mail/MailTransport.java  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/http/SocketInputStream.java  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/deployment/wsdd/WSDDRestRequestFlow.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/encoding/Serializer.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/Call.java  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/monitor/SOAPMonitorConstants.java  
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 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/encoding/UTF16Encoder.java  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/symbolTable/BaseType.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/handler/Handler.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/net/IBMJSSESocketFactory.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/image/MerlinIO.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/toJava/JavaServiceImplWriter.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/toJava/JavaDefinitionWriter.java

\*

/opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/holders/FloatHolder.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/Stub.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/utills/WSDLUtils.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/NCName.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/soap/SOAPFault.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/encoding/EncodedByteArray.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/NamedNodeMapImpl.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/SimpleDeserializerFactory.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/SAX2EventRecorder.java

\*

/opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/NonNegativeInteger.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/schema/SchemaVersion1999.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/DateSerializer.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/deployment/wsdd/WSDDHandler.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/DateDeserializer.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/UnsignedShort.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/JAFDataHandlerSerializerFactory.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/SkeletonImpl.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/http/QSMethodHandler.java

\*

/opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/client/async/AsyncResult.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/ElementDeserializer.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/http/SimpleAxisWorker.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/handlers/http/HTTPAuthHandler.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/EnvelopeHandler.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/soap/SOAPFaultException.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/i18n/Messages.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-

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 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
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 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
 jar/org/apache/axis/message/MessageWithAttachments.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
 jar/org/apache/axis/wsdl/symbolTable/Undefined.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
 jar/org/apache/axis/security/AuthenticatedUser.java  
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jar/org/apache/axis/encoding/ser/QNameSerializer.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/ServiceException.java
*
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jar/org/apache/axis/deployment/wsdd/WSDDElement.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/wsdl/toJava/JavaTypeWriter.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/fromJava/Emitter.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/soap/SOAPHeader.java
*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/gen/WSDL2.java
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/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/XMLType.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/NoEndPointException.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/MessageContext.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/AxisFault.java

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/opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/providers/BSFProvider.java  
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\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/handlers/LogHandler.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/attachments/DimeDelimitedInputStream.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/deployment/wsdd/WSDDDTypeMappingContainer.java  
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\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/IDRefs.java  
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\*  
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\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/handlers/http/URLMapper.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/utils/NSStack.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/deployment/wsdd/providers/WSDDDHandlerProvider.java  
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\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/deployment/wsdd/providers/WSDDDJavaCORBAProvider.java  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/JAXRPCException.java  
 \*  
 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/symbolTable/Element.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/Name.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/deployment/wsdd/WSDDDocumentation.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/schema/SchemaVersion2001.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/SOAPFaultCodeBuilder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/RPCHandler.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-

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jar/org/apache/axis/encoding/ser/BeanDeserializerFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/RPCElement.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/NamespaceConstants.java
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/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/utils/LockableHashtable.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/messaging/URLEndpoint.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/gen/Generator.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/transport/java/JavaSender.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/server/Transport.java
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/NMTokens.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/MimeHeaders.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/soap/Name.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/utils/CLOption.java
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/Token.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/namespace/QName.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/deployment/wsdd/WSDDTargetedChain.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/providers/java/CORBAPProvider.java

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/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/client/Service.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/RPCParam.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/urls/URLHashSet.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/Entities.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/Deserializer.java
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/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/wsdl/symbolTable/UndefinedDelegate.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/ImageHolder.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/server/AxisServer.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/Target.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/attachments/MultiPartRelatedInputStream.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/soap/SOAPConnection.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/holders/ObjectHolder.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
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* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/urls/TeeOutputStream.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/transport/http/AdminServlet.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/message/SOAPBodyElement.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/TypeMappingDelegate.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/holders/ShortHolder.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/HandlerIterationStrategy.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/DeserializerTarget.java
*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/BaseDeserializerFactory.java

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\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/symbolTable/PortTypeEntry.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/beans/BeanPropertyDescriptor.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/DefaultJAXRPC11TypeMappingImpl.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/constants/Scope.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/holders/ByteHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/holders/LongWrapperHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/QNameDeserializerFactory.java  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/DocumentSerializer.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/deployment/wsdd/WSDTypeMapping.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/encoding/XMLEncoder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/AttributeSerializationContextImpl.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/handler/MessageContext.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/beans/CLOptionDescriptor.java  
 \*  
 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/beans/ParserControl.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/holders/Holder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/gen/NoopGenerator.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/symbolTable/ServiceEntry.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/handler/HandlerRegistry.java  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/handlers/ErrorHandler.java  
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 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/toJava/GeneratedFileInfo.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/EnumSerializerFactory.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/FieldTarget.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/CDATAImpl.java  
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 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/net/DefaultCommonsHTTPClientProperties.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wSDL/symbolTable/MimeInfo.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/CalendarSerializerFactory.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/JAFDataHandlerSerializer.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/http/SocketHolder.java  
 \*  
 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/SOAPHeaderElement.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/http/SimpleAxisServer.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/Part.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/holders/StringHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/rpc/encoding/TypeMappingRegistry.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/TypeMappingRegistry.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/handlers/soap/SOAPService.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/DeserializerFactory.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wSDL/toJava/JavaUndeployWriter.java  
 \*  
 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/deployment/wSDD/WSDDocument.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/UnsignedLong.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-

jar/org/apache/axis/handlers/MD5AttachHandler.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/encoding/ser/Base64Serializer.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/security/SecurityProvider.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/server/AxisServerFactory.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/transport/local/LocalSender.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/javax/xml/soap/SOAPBody.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/Notation.java  
\*  
/opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/utils/CLUUtil.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/components/threadpool/ThreadPool.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/attachments/AttachmentsImpl.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/encoding/ser/BaseSerializerFactory.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/configuration/SimpleProvider.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/message/EnvelopeBuilder.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/i18n/RB.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/handlers/SOAPMonitorHandler.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/components/net/TransportClientProperties.java  
\*  
/opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/transport/http/QSWSDLHandler.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/deployment/wsdd/WSDDParameter.java  
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jar/org/apache/axis/message/MessageElement.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/toJava/Utils.java

\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/client/AxisClient.java

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*  
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/transport/http/AxisServlet.java  
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/utils/XMLUtils.java  
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/wsdl/toJava/JavaBuildFileWriter.java  
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/utils/ByteArray.java  
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/encoding/DeserializationContext.java  
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/wsdl/toJava/JavaGeneratorFactory.java  
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/wsdl/gen/Parser.java  
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/wsdl/symbolTable/SchemaUtils.java  
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jar/org/apache/axis/management/jmx/WSDDServiceWrapper.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/management/jmx/DeploymentAdministrator.java  
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/opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/management/jmx/WSDDTransportWrapper.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/management/jmx/DeploymentQueryMBean.java  
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jar/org/apache/axis/transport/http/AxisHTTPSsessionListener.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/management/ServiceAdmin.java
```

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/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/management/jmx/ServiceAdministratorMBean.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/management/Registrar.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/transport/http/AutoRegisterServlet.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/management/jmx/ServiceAdministrator.java
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\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/deployment/wsdd/WSDDJAXRPCHandlerInfoChain.java  
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jar/org/apache/axis/transport/jms/InvokeTimeoutException.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-  
jar/org/apache/axis/transport/jms/JMSSender.java  
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\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/jms/JMSConnectorManager.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/jms/JMSURLHelper.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/jms/JMSTransport.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/jms/JMSConnectorFactory.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/jms/JMSVendorAdapterFactory.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/jms/MapUtils.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/jms/SimpleJMSListener.java  
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/opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/jms/SonicMQVendorAdapter.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/jms/JMSURLConnection.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/jms/JNDIVendorAdapter.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/jms/JMSConnector.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/jms/TopicConnector.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/jms/JMSVendorAdapter.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/jms/JMSEndpoint.java  
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\*  
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\*/

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- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/SimpleValueSerializer.java
- \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/description/ServiceDesc.java
- \*
  - /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/UnsignedByteHolder.java
  - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/utils/bytecode/ChainedParamReader.java
  - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/soap/SOAPConnectionImpl.java
  - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/DurationHolder.java
  - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/JWSCClassLoader.java
  - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/description/OperationDesc.java
  - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/WSDDEngineConfiguration.java
  - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/configuration/EngineConfigurationFactoryFinder.java
  - \*
    - /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/net/SecureSocketFactory.java
    - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/URIHolder.java
    - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/YearMonthHolder.java
    - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/description/JavaServiceDesc.java
    - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/TimeHolder.java
    - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/castor/CastorSerializerFactory.java
    - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/TokenHolder.java
    - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/UnsignedLongHolder.java
    - \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-

```

jar/org/apache/axis/components/net/SocketFactory.java
*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/transport/http/ServletEndpointContextImpl.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/Year.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/configuration/EngineConfigurationFactoryDefault.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/configuration/ServletEngineConfigurationFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/components/net/CommonsHTTPClientPropertiesFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/SOAPHeader.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/Detail.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/message/SOAPFaultElement.java
*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/description/AttributeDesc.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/MonthHolder.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/holders/NonNegativeIntegerHolder.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/configuration/BasicClientConfig.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/YearHolder.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/DateHolder.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/holders/PositiveIntegerHolder.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/AxisServiceConfigImpl.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/deployment/wsdd/WSDDFault.java
*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/description/FieldDesc.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/MonthDay.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/collections/SequencedHashMap.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/components/net/SocketFactoryFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/configuration/EngineConfigurationFactoryServlet.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/soap/SOAPConnectionFactoryImpl.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-
jar/org/apache/axis/encoding/ser/SimpleSerializerFactory.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/soap/SOAPConstants.java
*
/opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/Text.java
* /opt/cola/permits/1122085880_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/EngineConfiguration.java

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\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/DayHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/OctetStreamHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/MonthDayHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/SessionUtils.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/ConfigurationException.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/UnsignedShortHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/HexBinaryHolder.java  
 \*  
 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/soap/SOAP11Constants.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/transport/http/AxisServletBase.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/SOAPBody.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/NonPositiveIntegerHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/soap/SOAP12Constants.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/NegativeIntegerHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/SOAPFaultReasonBuilder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/soap/MessageFactoryImpl.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/soap/SOAPFactoryImpl.java  
 \*  
 /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/Month.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/encoding/ser/castor/CastorDeserializerFactory.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/ClassReader.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/UnsignedIntHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/NormalizedStringHolder.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/YearMonth.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/holders/ParamReader.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/configuration/BasicServerConfig.java  
 \* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/components/net/TransportClientPropertiesFactory.java  
 \*

/opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/Day.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/description/TypeDesc.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/types/Time.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/EngineConfigurationFactory.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/description/ElementDesc.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/message/DetailEntry.java  
\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/configuration/DefaultEngineConfigurationFactory.java  
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\* /opt/cola/permits/1122085880\_1611198607.29/0/axis-1-4-sources-jar/org/apache/axis/Utils/ClasspathUtils.java

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Upstream-Name: Expat

Upstream-Contact: Sebastian Pipping <[sebastian@pipping.org](mailto:sebastian@pipping.org)>

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```
*/opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/TypePath.java
*/opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/TypeReference.java
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\* Creates a new { @link AnalyzerAdapter}. *Subclasses must not use this  
 \* constructor*. Instead, they must use the  
 \* { @link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}  
 \* version.

\*

\* @param owner

\*

the owner's class name.

\* @param access

\* the method's access flags (see { @link Opcodes}).

\* @param name

\* the method's name.

\* @param desc

\* the method's descriptor (see { @link Type Type}).

\* @param mv

\* the method visitor to which this adapter delegates calls. May

\* be `<tt>null</tt>`.

\* @throws IllegalStateException

\* If a subclass calls this constructor.

\*/

Found in path(s):

\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
 jar/org/objectweb/asm/commons/AnalyzerAdapter.java

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```

```

/**
 * Creates a new {@link GeneratorAdapter}. Subclasses must not use this
 * constructor. Instead, they must use the
 * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
 * version.
 *
 * @param mv
 *         the
method visitor to which this adapter delegates calls.
 * @param access
 *         the method's access flags (see {@link Opcodes}).
 * @param name
 *         the method's name.
 * @param desc
 *         the method's descriptor (see {@link Type Type}).
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */

```



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\* Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must

\* not use this constructor</i>. Instead, they must use the

\* {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}

\* version.

\*

\* @param typeRef

\* a reference to the annotated type. See {@link TypeReference}.

\* @param typePath

\* the path to the annotated type argument, wildcard bound, array

\* element type, or static inner type within 'typeRef'. May be

```

*      <tt>null</tt> if the annotation targets 'typeRef' as a whole.
* @param start
*      the first instructions corresponding to the continuous ranges
*      that make the scope of this local variable (inclusive).
* @param end
*      the last instructions corresponding to the continuous ranges
*      that make the scope of this local variable (exclusive). This
*      array must have the same size as the 'start' array.
* @param index
*      the local variable's index in each range. This array must have
*      the same size as the 'start' array.
* @param desc
*      the class descriptor of
the annotation class.
*/

```

Found in path(s):

```

* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
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```

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/\*\*

\* Creates a new JSRInliner. *<i>Subclasses must not use this  
\* constructor</i>*. Instead, they must use the  
\* { @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}  
\* version.  
\*  
\* @param mv  
\*  
the `MethodVisitor` to send the resulting inlined  
\* method code to (use `null` for none).  
\* @param access  
\* the method's access flags (see { @link Opcodes}). This  
\* parameter also indicates if the method is synthetic and/or  
\* deprecated.  
\* @param name  
\* the method's name.  
\* @param desc  
\* the method's descriptor (see { @link Type}).  
\* @param signature  
\* the method's signature. May be `null`.  
\* @param exceptions  
\* the internal names of the method's exception classes (see  
\* { @link Type#getInternalName() getInternalName}). May be  
\* `null`.  
\* @throws IllegalStateException  
\* If a subclass calls this constructor.  
\*/

Found in path(s):

\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-  
jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

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\*

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/\*\*\*

\* Constructs a new { @link ClassNode }. <i>Subclasses must not use this

\* constructor</i>. Instead, they must use the { @link #ClassNode(int) }

\* version.

\*

\* @throws IllegalStateException

```
*      If a subclass calls this constructor.
*/
```

Found in path(s):

```
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/ClassNode.java
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```
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```

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```

```
*/
```

```
/**
```

```
* Constructs a new { @link Textifier}. Subclasses must not use this
* constructor. Instead, they must use the { @link #Textifier(int) }
* version.
*
* @throws IllegalStateException
*      If a subclass calls this constructor.
*/
```

Found in path(s):

```
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jar/org/objectweb/asm/xml/SAXClassAdapter.java

\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-

jar/org/objectweb/asm/xml/SAXAdapter.java

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/opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-

jar/org/objectweb/asm/xml/SAXCodeAdapter.java

\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-

jar/org/objectweb/asm/xml/ASMContentHandler.java

\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-

jar/org/objectweb/asm/xml/SAXFieldAdapter.java

\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-

jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java

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*/opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/Textifiable.java
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\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/AnnotationWriter.java  
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\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/ASMifier.java  
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\* /opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/NameMapping.java  
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/opt/cola/permits/1135840046\_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/FieldInsnNode.java

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jar/org/objectweb/asm/tree/JumpInsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/commons/InstructionAdapter.java
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writer.properties
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/shrink-
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frames.properties
```

## 1.178 sysv-init 2.88

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The of the start-stop-daemon

- \* A rewrite
- of the original Debian's start-stop-daemon Perl script
- \* in C (faster - it is executed many times during system startup).
- \*
- \* Written by Marek Michalkiewicz <[marekm@i17linuxb.ists.pwr.wroc.pl](mailto:marekm@i17linuxb.ists.pwr.wroc.pl)>,
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## 1.179 shared-mime-info 1.1

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The

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```

```
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	GL/wglext.h	Khronos
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include/GL/glxext.h  
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For Microsoft vscode-theme-seti

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1. Seti UI - A subtle dark colored UI theme for Atom. (<https://github.com/jesseweed/seti-ui>)

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# 1.185 rng-tools 6.11

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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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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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PCRE is a library of functions to support regular expressions whose syntax  
and semantics are as close as possible to those of the Perl 5 language.

This is JavaScriptCore's variant of the PCRE library. While this library  
started out as a copy of PCRE, many of the features of PCRE have been  
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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, Piete  
Brown, Jerry  
Burr, Michael E  
Burton, Ross  
Bussjaeger, Andreas  
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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.

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## 1.198 mime-pull 1.8

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- \* /opt/cola/permits/1150919628\_1654022930.91118/0/mimepull-1-8-sources-2-jar/org/jvnet/mimepull/Chunk.java
- \* /opt/cola/permits/1150919628\_1654022930.91118/0/mimepull-1-8-sources-2-jar/org/jvnet/mimepull/DataFile.java
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\* /opt/cola/permits/1150919628\_1654022930.91118/0/mimepull-1-8-sources-2-jar/org/jvnet/mimepull/MIMEParsingException.java  
\* /opt/cola/permits/1150919628\_1654022930.91118/0/mimepull-1-8-sources-2-jar/org/jvnet/mimepull/MIMEConfig.java  
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\* /opt/cola/permits/1150919628\_1654022930.91118/0/mimepull-1-8-sources-2-jar/org/jvnet/mimepull/ChunkInputStream.java  
\* /opt/cola/permits/1150919628\_1654022930.91118/0/mimepull-1-8-sources-2-jar/org/jvnet/mimepull/FileData.java

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\* /opt/cola/permits/1150919628\_1654022930.91118/0/mimepull-1-8-sources-2-  
jar/org/jvnet/mimepull/DataHead.java

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Contributors

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- Chris McDonough, 2011/02/16
- Wichert Akkerman, 2012/02/02

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## A. HISTORY OF THE SOFTWARE

=====

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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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	
2.2.1	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
2.4.2	2.4.1	2005	PSF	yes
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
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
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2.1.2	2.1.1	2002	PSF	yes
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2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
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
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
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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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# 1.207 pango 1.42.4

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## 1.208 six 1.15.0-3.ph4

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## 1.210 syslog-ng 3.33.2

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Q: Is it possible to create derived works of syslog-ng under the GPL/LGPL licenses?

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base64.cpp and base64.h

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\*\*\*\*\* SHA1 Library (sha1/sha1.hpp) \*\*\*\*\*

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\*\*\*\*\* MD5 Library (common/md5.hpp) \*\*\*\*\*

md5.hpp is a reformulation of the md5.h and md5.c code from <http://www.opensource.apple.com/source/cups/cups-59/cups/md5.c> to allow it to function as a component of a header only library. This conversion was done by Peter Thorson ([webmaster@zaphoyd.com](mailto:webmaster@zaphoyd.com)) in 2012 for the WebSocket++ project. The changes are released under the same license as the original (listed below)

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L. Peter Deutsch  
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\*\*\*\*\* UTF8 Validation logic (utf8\_validation.hpp) \*\*\*\*\*

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Ext headers    GL/glext.h        Khronos  
                 GL/glxext.h        Khronos  
                 GL/wglext.h        Khronos  
                 KHR/khrplatform.h    Khronos

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include/GL/gl.h :

Mesa 3-D  
graphics library

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include/GL/glxext.h  
include/GL/wglext.h :

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# 1.219 jackson-databind 2.13.2.2

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

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## 1.220 Ivm2 2.02.180

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## 1.222 libnsl 1.2.0+git0+37c5ffe303

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## 1.223 sysfsutils 2.1.0

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## 1.224 libnsl 1.2.0

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## 1.225 openssl 1.1.1q

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## 1.226 zlib 1.2.11

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/\* 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 (deflate format) and rfc1952 (gzip format).

\*/

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## 1.230 netkit-ftp 20151004

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```
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```

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```
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```

```
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```
7zXZF!t/5]oK3&K6Y^
CP#vMOoYL?6]2z({ CLYj0
LFIU<>Q& }7!C}e6]]e`M,J}.dE,4hVmp
RsTk!|r!Quo1OE|FfP+A}XBT9 \<
0<P9{>s\36R)m.S(bCb7S<DP(`ka")^oy`r)7I%tU6@AS.SMoOfF3whA!!WIMcK')e/eJ1F
g|B|'W|j>jf_{JPp}oMd3rfQ+_3<%<6jx{)11D5eg;NtD+~R]w[xiue@F#Em0hu;,x{R7V2!Vq~AG{EX -
"0h*5x)*x\n)#$*w!:499X1il:"P+=22cmr3J}/0o9nlB?N&(q=$pPc!ab,6f&v/RS>O./OW[INy(BM~]~uf$Ngl"_W[0;
OXy[aB*"/_U~fQHO(3[b%o )+lq#+_d<QdLd=$1p!h0h6nfN=I+GNRk gKOL3\N3"uGxfIC
zCTJtjSN:$gE11QQ$7*5++V=4Xt9V?r3_Vd2o8h"F8~qM,ZI6=Qgtw|11np#_(+?)zp(;H!E2Nz'WW_WmA,
FSYZE*-exTWFt#|
rd>k|R>aXrvXS~"9=U$puaoqQb;k,RD5(fu&#
?)w!nz>SbvY[R+t[ BS=)d ;*!;_>KfBqxY(F|0.Ve%S61opMG
1%QsS|11np#_(~*uM%S61opMG`YfRXvY[R+t[ BS=)d ;*!;_>KfBqxY(F|0.Ve%S61opMG`YfRXvY[R+t[
BS=)d ;*!;_>KfB }&ea)F~H#@|DExb
Fw=|
;}8SPT"_p;27 *,D-sS|11np#_(~*uM%S61opMG`B=gD7-`rFTvDY(F|0.Ve%S61opMG`YfRXvY[R+t[ BS=)d
;*!;_>KfBqxY(F|0.Ve%S61opMG`YfRXx+sS|11np#_(~*uM%S61opMG`YfRXvY[R+t[ BS=)d
;*!;_>KfBqxY(F|0.Ve%S61opMG`YfRXvY[R+t[ BS=)d ;*!;_>KfBqxY(F|0.Ve%Q?f_{+T@Uo)2fgYZ
```

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```

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

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```
7zXZF!t/]o."w[7gp<G
H:Oed 18uyMQ9]FO6
87I8.mhGl^eb_X/UQKuB
)Cdk!B_M/tw|11np#_(~*uM%S61opMG`YfRXvY[R+t[ BS=)d
;*!;_>KfBqxY(F|0.Ve%S61opMG`YfRXvY[R+t[ BS=)d
;*!;_>KfBqxYm+sS|11np#_(~*uM%S61opMG`YfRXvY[R+t[ BS=)d
;*!;_>KfBqxY(F|0.Ve%S61opMG`YfRXvY[R+t[ BS=)d;*!;_>KfBqxY(F|0.Ve%Q?
*sS|11np#_(~*u7gi}[IgYZ
```

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```

```
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The of the start-stop-daemon

- \* A rewrite of the original Debian's start-stop-daemon Perl script
- \* in C (faster - it is executed many times during system startup).
- \*
- \* Written by Marek Michalkiewicz <[marekm@i17linuxb.ists.pwr.wroc.pl](mailto:marekm@i17linuxb.ists.pwr.wroc.pl)>.
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# 1.235 sysv-init 2.88

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```

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The of the start-stop-daemon

- \* A rewrite
- of the original Debian's start-stop-daemon Perl script
- \* in C (faster - it is executed many times during system startup).
- \*
- \* Written by Marek Michalkiewicz <[marekm@i17linuxb.ists.pwr.wroc.pl](mailto:marekm@i17linuxb.ists.pwr.wroc.pl)>,
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## 1.236 mod-security 2.9.0

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\* /opt/cola/permits/1633532305\_1681719645.6079297/0/netkit-ftp-0-17-orig-tar-gz/netkit-ftp-0.17/ftp/glob.c  
\*  
/opt/cola/permits/1633532305\_1681719645.6079297/0/netkit-ftp-0-17-orig-tar-gz/netkit-ftp-0.17/ftp/glob.h

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\*/opt/cola/permits/1633532305\_1681719645.6079297/0/netkit-ftp-0-17-orig-tar-gz/netkit-ftp-0.17/ftp/ftp.c

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\*  
\* from: @(#)pathnames.h 5.2 (Berkeley) 6/1/90  
\* \$Id: pathnames.h,v 1.1 1996/07/13 23:46:07 dholland Exp \$  
\*/

Found in path(s):

\* /opt/cola/permits/1633532305\_1681719645.6079297/0/netkit-ftp-0-17-orig-tar-gz/netkit-ftp-0.17/ftp/pathnames.h

# 1.239 libcgroup 1.0.41

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## 1.240 rdma-cm 28.1

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Upstream-Name: rdma-core

Upstream-Contact: Doug Ledford <dledford@redhat.com>,

Leon Romanovsky <Leon@kernel.org>

Source: <https://github.com/linux-rdma/rdma-core>

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## 1.241 time 1.9

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## 1.242 yajl 2.1.0

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