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\* @version 3.0 (December 2000)

\*

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- \* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
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Steven Grimm <sgrimm@facebook.com> -- iov writing (less CPU), UDP mode, non-2.0 slab mantissas, multithread, ...

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-----

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```
#include <boost/mpl/push_back.hpp>
#include <boost/mpl/quote.hpp>
#include <boost/mpl/transform.hpp>
#include <boost/mpl/vector.hpp>
template <typename X>
struct f { using type = X; };
template <int i>
struct t { };
using vector = <\% = mpl_vector((1..input_size).to_a.map { |n| "t<\#\{n\}>" }) %>;
using result = boost::mpl::transform<vector, boost::mpl::quote1<f>>::type;
int main() { }
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//
      http://www.boost.org/LICENSE_1_0.txt)
// See http://www.boost.org/libs/intrusive for documentation.
#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP
#define BOOST_INTRUSIVE_DETAIL_MPL_HPP
#ifndef BOOST_CONFIG_HPP
# include <boost/config.hpp>
#endif
#if defined(BOOST_HAS_PRAGMA_ONCE)
# pragma once
#endif
#include <boost/intrusive/detail/config_begin.hpp>
#include <boost/move/detail/type_traits.hpp>
#include <cstddef>
namespace boost {
namespace intrusive {
```

```
using boost::move_detail::is_same;
using boost::move_detail::add_const;
using boost::move_detail::remove_const;
using boost::move_detail::remove_cv;
using
boost::move_detail::remove_reference;
using boost::move_detail::add_reference;
using boost::move_detail::remove_pointer;
using boost::move_detail::add_pointer;
using boost::move_detail::true_type;
using boost::move_detail::false_type;
using boost::move_detail::enable_if_c;
using boost::move_detail::enable_if;
using boost::move_detail::disable_if_c;
using boost::move_detail::disable_if;
using boost::move detail::is convertible;
using boost::move_detail::if_c;
using boost::move_detail::if_;
using boost::move detail::is const;
using boost::move_detail::identity;
using boost::move_detail::alignment_of;
using boost::move detail::is empty;
using boost::move_detail::addressof;
using boost::move_detail::integral_constant;
using boost::move_detail::enable_if_convertible;
using boost::move_detail::disable_if_convertible;
using boost::move_detail::bool_;
using boost::move_detail::true_;
using boost::move_detail::false_;
using boost::move_detail::yes_type;
using boost::move_detail::no_type;
using
boost::move_detail::apply;
using boost::move_detail::eval_if_c;
using boost::move_detail::eval_if;
using boost::move_detail::unvoid_ref;
using boost::move_detail::add_const_if_c;
template<std::size_t S>
struct ls_zeros
 static const std::size_t value = (S & std::size_t(1)) ? 0 : (1 + ls_zeros<(S>>1u)>::value);
};
template<>
struct ls_zeros<0>
```

namespace detail {

```
static const std::size_t value = 0;
template<>
struct ls_zeros<1>
static const std::size_t value = 0;
// Infrastructure for providing a default type for T::TNAME if absent.
#define BOOST_INTRUSIVE_INSTANTIATE_DEFAULT_TYPE_TMPLT(TNAME) \
 template <typename T>
 struct boost_intrusive_has_type_ ## TNAME
  template <typename X>
  static char test(int, typename X::TNAME*);
  template <typename X>
  static int test(...);
  static const bool value = (1 == sizeof(test < T > (0, 0)));
 };
 template <typename T, typename DefaultType>
 struct boost_intrusive_default_type_ ## TNAME
  struct DefaultWrap { typedef DefaultType TNAME; };
  typedef typename
    ::boost::intrusive::detail::if_c
      < boost_intrusive_has_type_ ## TNAME<T>::value
    , T, DefaultWrap>::type::TNAME type;
 };
//
#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_DEFAULT(INSTANTIATION_NS_PREFIX, T,
TNAME, TIMPL) \
  typename INSTANTIATION_NS_PREFIX
    boost_intrusive_default_type_ ## TNAME< T, TIMPL >::type
//
#define BOOST_INTRUSIVE_HAS_TYPE(INSTANTIATION_NS_PREFIX, T, TNAME) \
  INSTANTIATION_NS_PREFIX
    boost_intrusive_has_type_ ## TNAME< T >::value
//
```

```
#define BOOST_INTRUSIVE_INSTANTIATE_EVAL_DEFAULT_TYPE_TMPLT(TNAME)\
 template <typename T, typename DefaultType>
 struct boost_intrusive_eval_default_type_ ## TNAME
   template <typename X>
   static char
test(int, typename X::TNAME*);
   template <typename X>
   static int test(...);
   struct DefaultWrap
   { typedef typename DefaultType::type TNAME; };
   static const bool value = (1 == sizeof(test < T > (0, 0)));
   typedef typename
    ::boost::intrusive::detail::eval_if_c
      < value
      ,::boost::intrusive::detail::identity<T>
      , ::boost::intrusive::detail::identity<DefaultWrap>
      >::type::TNAME type;
 };
//
#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_EVAL_DEFAULT(INSTANTIATION_NS_PREFIX, T,
TNAME, TIMPL) \
   typename INSTANTIATION_NS_PREFIX
    boost_intrusive_eval_default_type_ ## TNAME< T, TIMPL >::type
//
#define BOOST_INTRUSIVE_INTERNAL_STATIC_BOOL_IS_TRUE(TRAITS_PREFIX,
TYPEDEF TO FIND) \
template <class T>\
struct TRAITS_PREFIX##_bool\
 template<bool Add>\
 struct two_or_three {yes_type _[2 + Add];};\
 template <class U> static yes_type test(...);\
 template <class U> static two_or_three<U::TYPEDEF_TO_FIND> test (int);\
 static const std::size_t value = sizeof(test<T>(0));\
};\
template < class \ T > \setminus
struct TRAITS_PREFIX##_bool_is_true\
{\
```

```
static const bool value = TRAITS_PREFIX##_bool<T>::value > sizeof(yes_type)*2;\
};\
//
#define BOOST_INTRUSIVE_HAS_STATIC_MEMBER_FUNC_SIGNATURE(TRAITS_NAME,
FUNC_NAME) \
template <typename U, typename Signature> \
class TRAITS_NAME \
{ \
private: \
template<Signature> struct helper;\
template<typename T> \
static ::boost::intrusive::detail::yes_type test(helper<&T::FUNC_NAME>*); \
template<typename T> static ::boost::intrusive::detail::no_type test(...); \
public: \
static const bool value = sizeof(test<U>(0)) == sizeof(::boost::intrusive::detail::yes_type); \
}; \
//
#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME, FUNC_NAME) \
template <typename Type> \
struct TRAITS_NAME \
{ \
 struct BaseMixin \
 { \
  void FUNC_NAME(); \
 struct Base : public Type, public BaseMixin { Base(); }; \
 template <typename T, T t> class Helper{}; \
 template <typename U> \
 static ::boost::intrusive::detail::no_type test(U*, Helper<void (BaseMixin::*)(), &U::FUNC_NAME>* = 0);
 static ::boost::intrusive::detail::yes_type test(...); \
static const bool value = sizeof(::boost::intrusive::detail::yes_type) == sizeof(test((Base*)(0))); \
};\
//
#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED_IGNORE_SIGNATURE(TRAITS_NAME,
FUNC NAME) \
BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME##_ignore_signature, FUNC_NAME)
template <typename Type, class> \
struct TRAITS_NAME \
: public TRAITS_NAME##_ignore_signature<Type> \
{};\
//
```

- } //namespace detail
  } //namespace intrusive
- } //namespace boost

#include <boost/intrusive/detail/config\_end.hpp>

#endif //BOOST\_INTRUSIVE\_DETAIL\_MPL\_HPP
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]

All the value based traits in this library conform to MPL's requirements for an [@../../../libs/mpl/doc/refmanual/integral-constant.html Integral Constant type].

Please note that these types no longer inherit from `mpl::true\_` or `mpl::false\_` etc, and the library will no longer implicitly include any MPL header. However there is an implicit conversion from `integral\_constant` to the corresponding MPL types, therefore tag-dispatching that uses MPL types in function overloads will still work as before.

```
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k rel="next" href="examples.html" title="Examples">
</head>
<br/><body bgcolor="white" text="black" link="#0000FF" vlink="#840084" alink="#0000FF">
<img alt="Boost C++ Libraries" width="277" height="86" src="../../../boost.png">
<a href="../../../index.html">Home</a>
<a href="../../../libs/libraries.htm">Libraries</a>
<a href="http://www.boost.org/users/people.html">People</a>
<td
align="center"><a href="http://www.boost.org/users/faq.html">FAQ</a>
<a href="../../../more/index.htm">More</a>
<hr>
<div class="spirit-nav">
<a accesskey="p" href="intrinsics.html"><img src="../../.../doc/src/images/prev.png" alt="Prev"></a><a
accesskey="u" href="../index.html"><img src="../../../.doc/src/images/up.png" alt="Up"></a><a accesskey="h"
href="../index.html"><img src="../../../doc/src/images/home.png" alt="Home"></a><a accesskey="n"
href="examples.html"><img src="../../../doc/src/images/next.png" alt="Next"></a>
</div>
<div class="section">
<div class="titlepage"><div><div><h2 class="title" style="clear: both">
<a name="boost_typetraits.mpl"></a><a class="link" href="mpl.html" title="MPL Interoperability">MPL
```

```
Interoperability</a>
</h2></div></div>
  All the value based traits in this library conform to MPL's requirements for
href="../../../libs/mpl/doc/refmanual/integral-constant.html" target="_top">Integral
  Constant type</a>.
 Please note that these types no longer inherit from <code class="computeroutput"><span
class="identifier">mpl</span><span class="special">:::</span><span class="identifier">true_</span></code> or
  <code class="computeroutput"><span class="identifier">mpl</span><span class="special">:::</span><span
class="identifier">false </span></code> etc, and the library will no longer
  implicitly include any MPL header. However there is an implicit conversion
  from <code class="computeroutput"><span class="identifier">integral_constant</span></code> to the
  corresponding MPL types, therefore tag-dispatching that uses MPL types in function
  overloads will still work as before.
 </div>
<div class="copyright-footer">Copyright
© 2000, 2011 Adobe Systems Inc, David Abrahams,
  Frederic Bron, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant,
  Jesse Jones, Mat Marcus, Itay Maman, John Maddock, Alexander Nasonov, Thorsten
  Ottosen, Roman Perepelitsa, Robert Ramey, Jeremy Siek, Robert Stewart and Steven
  Watanabe
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   file LICENSE_1_0.txt or copy at <a href="http://www.boost.org/LICENSE_1_0.txt"
target="_top">http://www.boost.org/LICENSE_1_0.txt</a>)
  </div>
<hr>
<div class="spirit-nav">
<a accesskey="p" href="intrinsics.html"><img src="../../../.doc/src/images/prev.png" alt="Prev"></a><a
accesskey="u" href="../index.html"><img src="../../.../doc/src/images/up.png" alt="Up"></a><a accesskey="h"
href="../index.html"><img src="../../../doc/src/images/home.png" alt="Home"></a><a accesskey="n"
href="examples.html"><img src="../../../doc/src/images/next.png"
alt="Next"></a>
</div>
</body>
</html>
[article Copyright Test
[quickbook 1.5]
[copyright 1963-1965 Jane Doe, 2018 Joe Blow, John Coe]
[copyright 1977,1985 Someone else]
1
```

```
var group_group_ext_mpl =
 ["integral_c", "structboost_1_1mpl_1_1integral__c.html", null],
 ["list", "structboost_1_1mpl_1_1list.html", null],
 [ "vector", "structboost_1_1mpl_1_1vector.html", null ]
];
//
// (C) Copyright Ion Gaztanaga 2005-2013.
// Distributed under the Boost Software License, Version 1.0.
// (See accompanying file LICENSE_1_0.txt or copy at
// http://www.boost.org/LICENSE_1_0.txt)
//
// See http://www.boost.org/libs/container for documentation.
//
#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
{\tt \#define\ BOOST\_CONTAINER\_CONTAINER\_DETAIL\_MPL\_HPP}
#ifndef BOOST_CONFIG_HPP
# include <boost/config.hpp>
#endif
#if defined(BOOST_HAS_PRAGMA_ONCE)
# pragma once
#endif
#include <boost/container/detail/config_begin.hpp>
#include <boost/container/detail/workaround.hpp>
#include <boost/move/detail/type_traits.hpp>
#include <boost/intrusive/detail/mpl.hpp>
#include <cstddef>
namespace boost {
namespace container {
namespace dtl {
using boost::move_detail::integral_constant;
using boost::move_detail::true_type;
using
boost::move_detail::false_type;
using boost::move_detail::enable_if_c;
using boost::move_detail::enable_if;
using boost::move_detail::enable_if_convertible;
using boost::move_detail::disable_if_c;
```

```
using boost::move_detail::disable_if;
using boost::move_detail::disable_if_convertible;
using boost::move_detail::is_convertible;
using boost::move_detail::if_c;
using boost::move_detail::if_;
using boost::move_detail::identity;
using boost::move_detail::bool_;
using boost::move_detail::true_;
using boost::move_detail::false_;
using boost::move_detail::yes_type;
using boost::move_detail::no_type;
using boost::move_detail::bool_;
using boost::move_detail::true_;
using boost::move_detail::false_;
using boost::move_detail::unvoid_ref;
using boost::move_detail::and_;
using boost::move_detail::or_;
using boost::move_detail::not_;
using boost::move_detail::enable_if_and;
using boost::move_detail::disable_if_and;
using boost::move_detail::enable_if_or;
using boost::move_detail::disable_if_or;
template
<class FirstType>
struct select1st
 typedef FirstType type;
 template<class T>
 const type& operator()(const T& x) const
 { return x.first; }
 template<class T>
 type& operator()(T\&x)
 { return const_cast<type&>(x.first); }
};
template <class T, class=void>
struct is_transparent
 static const bool value = false;
};
template <class T>
struct is_transparent<T, typename T::is_transparent>
 static const bool value = true;
```

```
};
template <typename C, typename K, typename R>
struct enable_if_transparent
: boost::move_detail::enable_if_c<dtl::is_transparent<C>::value, R>
{};

} //namespace dtl {
} //namespace container {
} //namespace boost {

#include <boost/container/detail/config_end.hpp>

#endif //#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
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```

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```
universal_newlines=True)
 for line in log.splitlines():
    author, date = line.split('\t')
    if author != 'fix-copyright.py':
      yield author, datetime.strptime(date, '%Y-%m-%d')
def new_copyright(filename, previous):
 def f():
    au = list(authors(filename))
    alldates = map(itemgetter(1), au)
    aup = sorted(au + map(lambda a: (a, None), previous), key=itemgetter(0))
    for author, records in groupby(aup, itemgetter(0)):
      dates = filter(None, map(itemgetter(1), records))
      if not dates: dates = alldates
      start = min(dates)
      end = max(dates)
      fmt = '{0}' if start.year ==
end.year else '{0}-{1}'
      line = 'Copyright' + fmt.format(start.year, end.year) + '' + author
      key = (start, author)
      yield key, line
 return map(itemgetter(1), sorted(f()))
def fix_copyright(filename):
 # Find copyright block in original file
 prefix = set()
 names = []
 lines = []
 with open(filename, 'r') as f:
    content = list(f)
 for i, line in enumerate(content[:15]):
    m = re.match(r'^(?P<prefix>W*)(\(c\))?/s*?copyright/s*(\(c\))?/s+\d{4}(\s^-,s*\d{4})?/s+(?P<name>,+?)/s*$',
line, re.IGNORECASE)
    if m:
      d = m.groupdict()
      prefix.add(d['prefix'])
      lines.append(i)
      names.append(d['name'].strip())
 if len(prefix) != 1:
    print 'Not found:', filename
    return
 prefix = list(prefix)[0]
 print filename
 new = iter(new_copyright(filename, names))
 with open(filename, 'w') as f:
    for i, line in enumerate(content):
      if i in
```

```
lines:
         for repl in new:
           print >>f, prefix + repl
      else:
         print >>f, line,
 pass
def all_files():
 ls = run(['git', 'ls-files'], universal_newlines=True)
 for filename in ls.splitlines():
    if magic.from_file(filename, mime=True).split('/')[0] == 'text':
      yield filename
for f in all_files():
 fix_copyright(f)
[article Invalid copyright
[quickbook 1.5]
[copyright No year]
]
Maybe this should pass?
<?xml version="1.0" encoding="utf-8"?>
<!-- Copyright (c) 2001-2006 CrystalClear Software, Inc.
  Subject to the Boost Software License, Version 1.0.
  (See accompanying file LICENSE_1_0.txt or http://www.boost.org/LICENSE_1_0.txt)
<section id="date_time.license">
<title>Boost Date-Time Library License</title>
<bridgehead renderas="sect2">Boost Date-Time Library License</bridgehead>
<!--
<ulink url="../../index.htm">
 <imagedata align="left"
        format="GIF"
     fileref="../../boost.png"
     alt="C++ Boost" />
  </ulink>-->
<!--hr /-->
<para>
 The following is the overall license for the boost date_time
 library. This notice is found in all source files related to the
 library.
</para>
<para>
 Copyright © 2002 CrystalClear Software, Inc.
</para>
<para>
```

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Herve Bronnimann (hbr -at- poly.edu)

Herv

Brnnimann (hbr -at- poly.edu)

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Jeremy Siek (jsiek@osl.iu.edu)

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Nikolay Mladenov (nickm -at- sitius.com) (See Boost list message of Tue, 17 Aug 2004

```
15:45:33 +0100)
```

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Robert Ramey (ramey@www.rrsd.com)

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Stefan Seefeld (seefeld -at- sympatico.ca)

 $Stephen\ Cleary\ (scleary\ -at\ -jerviswebb.com)\ (See\ Boost\ list\ message\ of\ Tue,\ 28\ Sep\ 2004\ 13:11:46\ +0100)$ 

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Cleary (Variant of Stephen Cleary)

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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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```
<!--
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-->
<!-- boost-no-inspect -->
<!-- HTML header for doxygen 1.8.9.1-->
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"</p>
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<a href="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/xhtml;charset=UTF-8"/>
<meta http-equiv="X-UA-Compatible" content="IE=9"/>
<meta name="generator" content="Doxygen 1.8.11"/>
<title>Boost.Hana: Boost.MPL adapters</title>
k href="tabs.css" rel="stylesheet" type="text/css"/>
<script type="text/javascript" src="jquery.js"></script>
<script type="text/javascript" src="dynsections.js"></script>
k href="navtree.css" rel="stylesheet" type="text/css"/>
<script type="text/javascript" src="resize.js"></script>
<script type="text/javascript" src="navtreedata.js"></script>
<script type="text/javascript"</pre>
src="navtree.js"></script>
<script type="text/javascript">
$(document).ready(initResizable);
$(window).load(resizeHeight);
</script>
k href="search/search.css" rel="stylesheet" type="text/css"/>
<script type="text/javascript" src="search/searchdata.js"></script>
<script type="text/javascript" src="search/search.js"></script>
<script type="text/javascript">
$(document).ready(function() { init_search(); });
</script>
<script type="text/x-mathjax-config">
MathJax.Hub.Config({
 extensions: ["tex2jax.js"],
 jax: ["input/TeX","output/HTML-CSS"],
});
// Copyright Louis Dionne 2013-2017
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```

```
// (See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
MathJax.Hub.Config({
 "HTML-CSS": {
   linebreaks: {
      automatic: true,
      width: "75% container"
    }
 }
});
</script><script type="text/javascript" src="https://cdn.mathjax.org/mathjax/latest/MathJax.js"></script>
link
href="doxygen.css" rel="stylesheet" type="text/css" />
<!-- Additional javascript for drawing charts. -->
<script type="text/javascript" src="highcharts.js"></script>
<script type="text/javascript" src="highcharts-data.js"></script>
<script type="text/javascript" src="highcharts-exporting.js"></script>
<script type="text/javascript" src="chart.js"></script>
<script type="text/javascript" src="hana.js"></script>
</head>
<body>
<div id="top"><!-- do not remove this div, it is closed by doxygen! -->
<div id="titlearea">
<img alt="Logo" src="Boost.png"/>
<div id="projectname">Boost.Hana
  <span id="projectnumber">1.5.0</span>
 <div id="projectbrief">Your standard library for metaprogramming</div>
<div id="MSearchBox" class="MSearchBoxInactive">
   <span class="left">
 <img id="MSearchSelect" src="search/mag_sel.png"</pre>
       on mouse over = "return\ search Box. On Search Select Show()"
       onmouseout="return searchBox.OnSearchSelectHide()"
       alt=""/>
     <input type="text" id="MSearchField" value="Search" accesskey="S"</pre>
       onfocus="searchBox.OnSearchFieldFocus(true)"
       onblur = "searchBox. On SearchFieldFocus(false)"\\
       onkeyup="searchBox.OnSearchFieldChange(event)"/>
     </span><span class="right">
      <a id="MSearchClose" href="javascript:searchBox.CloseResultsWindow()"><img id="MSearchCloseImg"
border="0" src="search/close.png" alt=""/></a>
    </span>
   </div>
```

```
</div>
<!-- end header part -->
<!-- Generated by Doxygen 1.8.11 -->
<script type="text/javascript">
var searchBox = new SearchBox("searchBox", "search",false,'Search');
</script>
</div><!-- top -->
<div id="side-nav" class="ui-resizable side-nav-resizable">
<div id="nav-tree">
  <div id="nav-tree-contents">
  <div id="nav-sync" class="sync"></div>
 </div>
</div>
<div id="splitbar" style="-moz-user-select:none;"</pre>
   class="ui-resizable-handle">
</div>
</div>
<script type="text/javascript">
$(document).ready(function(){initNavTree('group_group-ext-mpl.html',");});
</script>
<div id="doc-content">
<!-- window showing the filter options -->
<div id="MSearchSelectWindow"
  onmouseover="return searchBox.OnSearchSelectShow()"
  onmouseout="return searchBox.OnSearchSelectHide()"
  onkeydown="return searchBox.OnSearchSelectKey(event)">
</div>
<!-- iframe showing the search results (closed by default) -->
<div id="MSearchResultsWindow">
<iframe src="javascript:void(0)" frameborder="0"
    name="MSearchResults" id="MSearchResults">
</iframe>
</div>
<div class="header">
<div class="summary">
<a href="#nested-classes">Classes</a> </div>
<div class="headertitle">
<div class="title">Boost.MPL adapters<div class="ingroups"><a</pre>
class="el" href="group_group-ext.html">External adapters</a></div></div>
</div><!--header-->
<div class="contents">
<a name="details" id="details"></a><h2 class="groupheader">Description</h2>
```

```
Adapters for Boost.MPL containers. 
<h2 class="groupheader"><a name="nested-classes"></a>
Classes</h2>
struct  <td
class="memItemRight" valign="bottom"><a class="el"
href="structboost 1 1mpl 1 1integral c.html">boost::mpl::integral c< T, v &gt;</a>
 Adapter for IntegralConstants
from the Boost.MPL. <a href="structboost_1_1mpl_1_1integral__c.html#details">More...</a><br/>
//c/td>
 
struct  <td
class="memItemRight" valign="bottom"><a class="el"
href="structboost 1 1mpl 1 1list.html">boost::mpl::list< T &gt;</a>
 Adapter for Boost.MPL lists.
<a href="structboost_1_1mpl_1_1list.html#details">More...</a><br />
 
struct  <td
class="memItemRight" valign="bottom"><a class="el"
href="structboost_1_1mpl_1_1vector.html">boost::mpl::vector< T &gt;</a>
 Adapter for Boost.MPL
vectors. <a href="structboost 1 1mpl 1 1vector.html#details">More...</a></br/>/
 
</div><!-- contents -->
</div><!-- doc-content -->
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(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)
-->
<!-- boost-no-inspect -->
<!-- HTML footer for doxygen 1.8.9.1-->
<!-- start footer part -->
<div id="nav-path" class="navpath"><!-- id is needed for treeview function! -->
</111>
</div>
</body>
</html>
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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-->
License
======
```

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```
var DOCUMENTATION_OPTIONS = {
   URL_ROOT: './',
   VERSION: '0.6',
   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="index" title="Index" href="genindex.html" />
 <link rel="search" title="Search" href="search.html" />
</head>
<body role="document">
<img alt="Boost C++ Libraries" width="277" height="86"src="_static/boost.png">
<div class="spirit-nav">
<a accesskey="p" ><img src="_static/prev.png" alt="Prev"></a>
<a accesskey="u" href="doc/index.html"><img src="_static/up.png" alt="Up"></a>
<a accesskey="h" href="doc/index.html"><img src="_static/home.png" alt="Home"></a>
<a accesskey="n" ><img src="_static/next.png" alt="Next"></a>
</div>
 <div class="document">
<div class="chapter">
  <div class="body" role="main">
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all derivative works of the Software, unless such copies or derivative
works are solely in the form of machine-executable object code generated by
a source language processor.
```

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```
</div>
</div>
  <div class="clearer"></div>
 </div>
 <div class="footer" role="contentinfo">
 <div class="copyright-footer">
    © Copyright 2016, Paul Fultz II.
   Created using <a href="http://sphinx-doc.org/">Sphinx</a> 1.5.6.
   >Distributed under the Boost Software License, Version 1.0.
   (See accompanying file <code class="filename">LICENSE_1_0.txt</code> or copy at
   <a href="http://www.boost.org/LICENSE_1_0.txt"
target="_top">http://www.boost.org/LICENSE_1_0.txt</a>)
   </div>
 </div>
</body>
</html>
<!DOCTYPE html>
<html>
<head></head>
<body>
 <h3>
  Copyright Test
 1963, 1964, 1965 Jane Doe
 2018 Joe Blow, John Coe
 1977, 1985 Someone else
```

```
</body>
</html>
<?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>1964der>1965</p
 </copyright>
 <copyright>
  <year>2018</year> <holder>Joe Blow, John Coe</holder>
 </copyright>
 <copyright>
  <year>1977</year> <year>1985holder>Someone else/holder>
</articleinfo>
</article>
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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>`.
// Copyright Louis Dionne 2013-2017
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#include <boost/mpl/fold.hpp>
#include <boost/mpl/push_back.hpp>
#include <boost/mpl/quote.hpp>
#include <boost/mpl/vector.hpp>
template <typename State, typename X>
struct f \{ using type = X; \};
struct state { };
template <int i>
struct t { };
using vector = <\% = mpl_vector((1..input_size).to_a.map { |n| "t<\#\{n\}>" }) %>;
using result = boost::mpl::fold<vector, state, boost::mpl::quote2<f>>::type;
int main() { }
// (C) Copyright Ion Gaztanaga 2005-2016.
//
// Distributed under the Boost Software License, Version 1.0.
// (See accompanying file LICENSE_1_0.txt or copy at
// http://www.boost.org/LICENSE_1_0.txt)
// See http://www.boost.org/libs/interprocess for documentation.
#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
{\tt \#define\ BOOST\_INTERPROCESS\_DETAIL\_MPL\_HPP}
#ifndef BOOST_CONFIG_HPP
# include <boost/config.hpp>
```

```
#endif
#
#if defined(BOOST_HAS_PRAGMA_ONCE)
# pragma once
#endif
#include <cstddef>
namespace boost {
namespace interprocess {
namespace ipcdetail {
template <class T, T val>
struct integral_constant
 static const T value = val;
 typedef integral_constant<T,val> type;
template< bool C_->
struct bool_: integral_constant<bool, C_>
 static const bool value = C_;
};
typedef bool_<true>
                        true_;
typedef
bool_<false>
                 false_;
typedef true_ true_type;
typedef false_false_type;
typedef char yes_type;
struct no_type
 char padding[8];
};
template <bool B, class T = void>
struct enable_if_c {
typedef T type;
};
template <class T>
struct enable_if_c<false, T> { };
template <class Cond, class T = void>
struct enable_if : public enable_if_c<Cond::value, T> {};
```

```
template <class Cond, class T = void>
struct disable_if : public enable_if_c<!Cond::value, T> { };
template<
   bool C
 , typename T1
 , typename T2
struct if_c
 typedef T1 type;
};
template<
   typename T1
 , typename T2
struct if_c<false,T1,T2>
 typedef T2 type;
};
template<
   typename T1
 , typename T2
 , typename T3
 >
struct if_
 typedef typename if_c<0 != T1::value, T2, T3>::type type;
};
template<std::size_t S>
struct ls_zeros
 static\ const\ std::size\_t\ value = (S\ \&\ std::size\_t(1))\ ?\ 0: (1u + ls\_zeros < (S >> 1u) > ::value);
};
template<>
struct ls_zeros<0>
 static const std::size_t value = 0;
};
template<>
struct ls_zeros<1>
```

```
static const std::size_t value = 0;
} //namespace ipcdetail {
} //namespace interprocess {
} //namespace boost {
#endif //#ifndef BOOST_INTERPROCESS_DETAIL_MPL_HPP
Boost.Geometry (aka GGL, Generic Geometry Library)
Copyright (c) 2007-2013 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 2008-2013 Bruno Lalande, Paris, France.
Copyright (c) 2009-2013 Mateusz Loskot, London, UK.
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http://www.boost.org/LICENSE_1_0.txt)
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* LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
*/
#include "licence_info.hpp"
#include "bcp_imp.hpp"
#include "fileview.hpp"
#include <fstream>
#include <iomanip>
#include <cstring>
#include <stdexcept>
#include <boost/lexical_cast.hpp>
#include <boost/filesystem/operations.hpp>
#include <boost/throw_exception.hpp>
// split_path is a small helper for outputting a path name,
// complete with a link to that path:
struct split_path
 const fs::path& root;
 const fs::path& file;
```

```
split_path(const fs::path& r, const fs::path& f)
   : root(r), file(f){}
private:
split_path& operator=(const split_path&);
};
std::ostream& operator << (std::ostream& os, const split path& p)
os << "<a href=\"" << (p.root / p.file).string() << "\">" << p.file.string() << "</a>";
return os;
}
std::string
make_link_target(const std::string& s)
// convert an arbitrary string into something suitable
// for an <a> name:
 std::string result;
 for(unsigned i = 0; i < s.size(); ++i)
   result.append(1, static_cast<std::string::value_type>(std::isalnum(s[i]) ? s[i] : '_'));
 }
 return result;
void bcp_implementation::output_license_info()
 std::pair<const license_info*, int> licenses = get_licenses();
 std::map<int, license_data>::const_iterator i, j;
i = m_license_data.begin();
j = m_license_data.end();
 std::ofstream os(m_dest_path.string().c_str());
 if(!os)
 {
   std::string msg("Error opening ");
   msg += m_dest_path.string();
   msg += " for output.";
   std::runtime_error e(msg);
   boost::throw_exception(e);
 }
   "<!DOCTYPE HTML PUBLIC \"-//W3C//DTD HTML 4.0 Transitional//EN\">\n"
   "<html>\n"
   "<head>\n"
   "<title>Boost Licence Dependency Information";
```

```
if(m_module_list.size() == 1)
  os << " for " << *(m_module_list.begin());
}
os <<
  "</title>\n"
  "</head>\n"
  "<body>\n"
  "<H1>Boost Licence Dependency Information";
if(m module list.size() == 1)
  os << " for " << *(m_module_list.begin());
}
os <<
  "</H1>\n"
  "<H2>Contents</h2>\n"
  "<a href=\"#input\">Input Information</a>\n";
if(!m bsl summary mode)
  os << "<a href=\"#summary\">Licence Summary</a>\n";
os << "<a href=\"#details\">Licence Details</a>\n";
while(i != j)
  // title:
  os << " <A href=\"#" << make_link_target(licenses.first[i->first].license_name)
    << "\">" << licenses.first[i->first].license_name << "</a>\n";
  ++i;
}
os << "<a href=\"#files\">Files with no recognised license</a>\n"
  "<a href=\"#authors\">Files with no recognised copyright holder</a>\n";
if(!m_bsl_summary_mode)
  os <<
  "Moving to the Boost Software License...\n"
  " <a href=\"#bsl-converted\">Files
that can be automatically converted to the Boost Software License</a>\n"
  " <a href=\"#to-bsl\">Files that can be manually converted to the Boost Software License</a>\n"
  " <a href=\"#not-to-bsl\">Files that can <b>NOT</b> be moved to the Boost Software License</a>\n"
  " <a href=\"#need-bsl-authors\">Authors we need to move to the Boost Software License</a>\n"
  "<\!a\;href=\\"\#copyright\\">Copyright\;Holder\;Information</a>\n";
}
os <<
  "<a href=\"#depend\">File Dependency Information</a>\n"
  "";
// input Information:
```

```
os << "<a name=\inv (n)"></a><h2>Input Information</h2>\inv (n)";
if(m_scan_mode)
  os << "<P>The following files were scanned for boost dependencies:<BR>";
else
  os << "<P>The following Boost modules were checked:<BR>";
std::list<std::string>::const_iterator si = m_module_list.begin();
std::list<std::string>::const_iterator sj = m_module_list.end();
while(si != sj)
{
  os
<< *si << "<BR>";
  ++si;
}
os << "</p>The Boost path was: <code>" << m_boost_path.string() << "</code></P>";
// extract the boost version number from the boost directory tree,
// not from this app (which may have been built from a previous
// version):
fileview version_file(m_boost_path / "boost/version.hpp");
static const boost::regex version_regex(
  "^[[:blank:]]*#[[:blank:]]*define[[:blank:]]+BOOST_VERSION[[:blank:]]+(\d+)");
boost::cmatch what;
if(boost::regex_search(version_file.begin(), version_file.end(), what, version_regex))
  int version = boost::lexical_cast<int>(what.str(1));
  os << "<p>The Boost version is: " << version / 100000 << "." << version / 100 % 1000 << "." << version % 100
<< "</P>\n";
}
// output each license:
i = m_license_data.begin();
j = m_license_data.end();
if(!m_bsl_summary_mode)
  //
  // start with the summary:
  os << "<a name=\"summary\"></a><h2>Licence
Summary < /h2 > \n";
  while(i != j)
    // title:
    os <<
```

```
"<H3>" << licenses.first[i->first].license_name << "</H3>\n";
    // license text:
    os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
    // Copyright holders:
    os << "<P>This license is used by " << i->second.authors.size()
      << " authors and " << i->second.files.size()
      << " files <a href=\"#" << make link target(licenses.first[i->first].license name) << "\">(see details)</a>";
    os << "</P></BLOCKQUOTE>\n";
    ++i;
   }
 }
 // and now the details:
 i = m_license_data.begin();
 j = m_license_data.end();
 int license_index = 0;
 os << "<a name=\"details\"></a>>Licence Details</h2>\n";
 while(i != j)
  // title:
   os <<
    "<H3><A name=\"" << make_link_target(licenses.first[i->first].license_name)
    << "\"></a>" << licenses.first[i->first].license_name
<< "</H3>\n";
   // license text:
   os << "<BLOCKQUOTE>" << licenses.first[i->first].license_text << "</BLOCKQUOTE>";
   if(!m_bsl_summary_mode || (license_index >= 3))
    // Copyright holders:
    os << "<P>This license is used by the following " << i->second.authors.size() << " copyright
holders:</P>\n<BLOCKQUOTE><P>";
    std::set<std::string>::const_iterator x, y;
    x = i->second.authors.begin();
    y = i->second.authors.end();
    while(x != y)
      os << *x << "<BR>\n";
      ++x;
     }
    os << "</P></BLOCKQUOTE>\n";
    // Files using this license:
    os << "<P>This license applies to the following " << i->second.files.size() << "
files:</P>\n<BLOCKQUOTE><P>";
    std::set<fs::path, path_less>::const_iterator m, n;
    m = i->second.files.begin();
    n = i->second.files.end();
    while(m != n)
```

```
os << split_path(m_boost_path,
*m)<<"<br>\n";
      ++m;
    }
    os << "</P></BLOCKQUOTE>\n";
  }
  else
    os << "<P>This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).</P>\n";
    os << "<P>This license applies to " << i->second.files.size() << " files (list omitted for brevity).</P>\n";
  ++license_index;
  ++i;
 }
 // Output list of files not found to be under license control:
 os << "<h2><a name=\"files\"></a>Files With No Recognisable Licence</h2>\n"
  "<P>The following " << m_unknown_licenses.size() << " files had no recognisable license
information:</P><BLOCKQUOTE><P>\n";
 std::set<fs::path, path_less>::const_iterator i2, j2;
 i2 = m_unknown_licenses.begin();
j2 = m_unknown_licenses.end();
 while(i2 != j2)
  os << split_path(m_boost_path, *i2) << "<br>\n";
  ++i2;
 os << "</p></BLOCKQUOTE>";
 //
// Output list of files with no found
copyright holder:
//
 os << "<h2><a name=\"authors\"></a>Files With No Recognisable Copyright Holder</h2>\n"
  "<P>The following " << m_unknown_authors.size() << " files had no recognisable copyright
holder:</P>\n<BLOCKQUOTE><P>";
 i2 = m_unknown_authors.begin();
j2 = m_unknown_authors.end();
 while(i2 != j2)
  os << split_path(m_boost_path, *i2) << "<br/>br>\n";
  ++i2;
 os << "</p></BLOCKQUOTE>";
 if(!m_bsl_summary_mode)
 {
  //
```

```
// Output list of files that have been moved over to the Boost
  // Software License, along with enough information for human
  // verification.
  os << "<h2><a name=\"bsl-converted\"></a>Files that can be automatically converted to the Boost Software
License</h2>\n"
    << "<P>The following " << m converted to bsl.size() << " files can be automatically converted to the Boost
Software License, but require manual verification before they can be committed to CVS:</P>\n";
  if (!m_converted_to_bsl.empty())
    typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
      ::const_iterator conv_iterator;
    conv_iterator i = m_converted_to_bsl.begin(),
             ie = m_converted_to_bsl.end();
    int file num = 1;
    while (i != ie)
      os << "<P>[" << file_num << "] File: <tt>" << split_path(m_boost_path, i->first)
        << "</tt><br>\n\n <tr>\n <td><pre>"
        << i->second.first << "</pre>\n "
        << i\text{-}> second.second << "</pre>\n \n\n";
      ++i;
      ++file num;
    }
  }
  // Output list of files that could be moved over to the Boost Software License
  os << "<h2><a name=\"to-bsl\"></a>Files that could be converted to the Boost Software License</h2>\n"
  "<P>The following " << m_can_migrate_to_bsl.size() << " files could be manually
converted to the Boost Software License, but have not yet been:</P>\n<BLOCKQUOTE><P>";
  i2 = m_can_migrate_to_bsl.begin();
  j2 = m_can_migrate_to_bsl.end();
  while(i2 != j2)
    os << split_path(m_boost_path, *i2) << "<br/>br>\n";
    ++i2;
  }
  os << "</p></BLOCKQUOTE>";
  // Output list of files that can not be moved over to the Boost Software License
  //
  os << "<h2><a name=\"not-to-bsl\"></a>Files that can NOT be converted to the Boost Software
License</h2>\n"
  "<P>The following " << m_cannot_migrate_to_bsl.size() << " files cannot be converted to the Boost Software
License because we need the permission of more authors:</P>\n<BLOCKQUOTE><P>";
  i2 = m_cannot_migrate_to_bsl.begin();
```

```
j2 = m_cannot_migrate_to_bsl.end();
  while(i2 != j2)
    os << split_path(m_boost_path, *i2) << "<br/>br>\n";
    ++i2;
  }
  os << "</p></BLOCKQUOTE>";
  // Output list of authors that
we need permission for to move to the BSL
  os << "<h2><a name=\"need-bsl-authors\"></a>Authors we need for the BSL</h2>\n"
    "<P>Permission of the following authors is needed before we can convert to the Boost Software License. The
list of authors that have given their permission is contained in <code>more/blanket-
permission.txt</code>.</P>\n<BLOCKQUOTE><P>";
  std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
        std::ostream_iterator<std::string>(os, "<br>\n"));
  os << "</p></BLOCKQUOTE>";
  //
  // output a table of copyright information:
  os << "<H2><a name=\"copyright\"></a>Copyright Holder Information</H2>\n";
  std::map<std::string, std::set<fs::path, path_less> >::const_iterator ad, ead;
  ad = m_author_data.begin();
  ead = m_author_data.end();
  while(ad != ead)
    os << "<tr>" << ad->first << "</td>";
    std::set<fs::path,
path_less>::const_iterator fi, efi;
    fi = ad->second.begin();
    efi = ad->second.end();
    while(fi != efi)
      os << split_path(m_boost_path, *fi) << " ";
      ++fi;
    }
    os << "\n";
    ++ad;
  }
  os << "</table>\n";
 }
 // output file dependency information:
 os << "<H2><a name=\"depend\"></a>File Dependency Information</H2><BLOCKQUOTE>\n";
 std::map<fs::path, fs::path, path_less>::const_iterator dep, last_dep;
```

```
std::set<fs::path, path_less>::const_iterator fi, efi;
fi = m_copy_paths.begin();
efi = m_copy_paths.end();
// if in summary mode, just figure out the "bad" files and print those only:
std::set<fs::path, path_less> bad_paths;
if(m_bsl_summary_mode)
{
  bad_paths.insert(m_unknown_licenses.begin(), m_unknown_licenses.end());
  bad_paths.insert(m_unknown_authors.begin(), m_unknown_authors.end());
  bad_paths.insert(m_can_migrate_to_bsl.begin(),
m_can_migrate_to_bsl.end());
  bad_paths.insert(m_cannot_migrate_to_bsl.begin(), m_cannot_migrate_to_bsl.end());
  typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
    ::const_iterator conv_iterator;
  conv_iterator i = m_converted_to_bsl.begin(),
           ie = m_converted_to_bsl.end();
  while(i != ie)
    bad_paths.insert(i->first);
    ++i;
  fi = bad_paths.begin();
  efi = bad_paths.end();
  os << "<P>For brevity, only files not under the BSL are shown</P>\n";
while(fi != efi)
  os << split_path(m_boost_path, *fi);
  dep = m_dependencies.find(*fi);
  last_dep = m_dependencies.end();
  std::set<fs::path, path_less> seen_deps;
  if (dep != last_dep)
   while(true)
    {
     os << " -> ";
      if(fs::exists(m_boost_path / dep->second))
       os << split_path(m_boost_path, dep->second);
     else if(fs::exists(dep->second))
       os << split_path(fs::path(), dep->second);
     else
       os << dep->second.string();
      if(seen_deps.find(dep->second) != seen_deps.end())
       {
        os << " <I>(Circular dependency!)</I>";
        break; // circular dependency!!!
       }
      seen_deps.insert(dep->second);
      last_dep = dep;
```

```
dep = m_dependencies.find(dep->second);
    if((dep == m_dependencies.end()) || (0 == compare_paths(dep->second, last_dep->second)))
        break;
    }
    os << "\n";
    ++fi;
}
os << "</pre></BLOCKQUOTE>\n";

os << "</body></html>\n";

if(!os)
{
    std::string msg("Error writing to ");
    msg += m_dest_path.string();
    msg += ".";
    std::runtime_error e(msg);
    boost::throw_exception(e);
}
```

# 1.13 json-c 0.99.8

## 1.13.1 Available under license:

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## 1.14 rsyslog 8.39.0

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#### @enumerate a

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@subheading END OF TERMS AND CONDITIONS

@page

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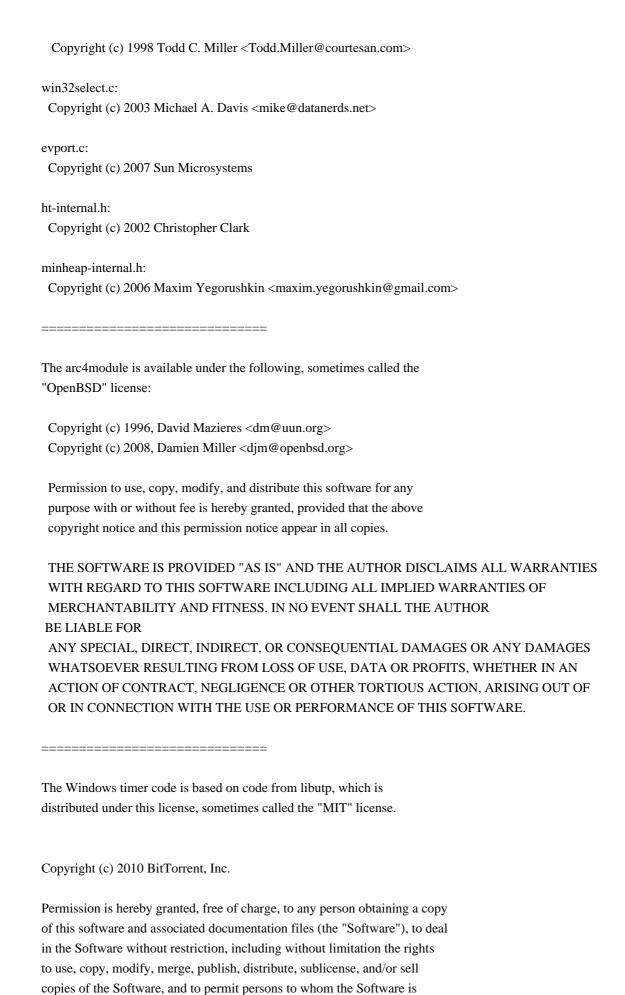
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```
+++ tdbsa/tdb.c
```

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

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

\*/

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

-

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Gadi Oxman, August 1995

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Theodore Ts'o	
23-June-2007	

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That's all there is to it!

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

Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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

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

http://sourceforge.net/projects/e2fsprogs

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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 S(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)\ \backslash\\
 $(DESTDIR)$(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)
This is the Debian GNU/Linux prepackaged version of the ss
command-line interface parsing library. It is currently
distributed together with the EXT2 file system utilities, which are
otherwise packaged as "e2fsprogs".
```

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of: tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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This is the Debian GNU/Linux prepackaged version of the Common Error Description library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of: tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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## 1.23 wpa-supplicant 2.3

#### 1.23.1 Available under license:

wpa\_supplicant and hostapd

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# 1.26 libvirt 1.2.15

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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

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

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1.3 thru 1	1.5.2 1.2	1995	-1999 CN	NRI 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	5.1 2001	PSF	no	
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abstract: 'Build and install Perl modules'

author:

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

 $- \ "Development questions, bug reports, and patches should be sent to the \verb|\nModule-Build mailing list at < module-list at the list of the list of$ 

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

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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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```
<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 = \sim /.* \setminus b(\setminus 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 $output = runperl switches => ['-v'];
my (\$ year) = \$ output = \sim /copyright 1987.* \ b(\ d\{4,\})/i
   or die "Copyright statement not found in perl -v output '$output'";
$year;
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the same terms as the Perl 5 programming language system itself.
Terms of the Perl programming language system itself
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```

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# 1.32 dnsmasq 2.78

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## 1.35 tcpdump 4.9.3

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## 1.36 libcap-ng 0.7.3

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\*/

### 1.38 ncurses 6.2

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# 1.39 openssl 1.0.2r

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## 1.40 libsepol 2.8

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Version 2.1, February 1999

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  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.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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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

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# 1.41 libsemanage-common 2.8

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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.)

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- 46. [50]Wilfredo Snchez <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
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- 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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ConferenceTV card

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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.

不

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\*

\* M. Welsh, 6 July 1996

\*

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QLogic Linux iSCSI Driver

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### Because

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However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards

changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a

"work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must

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

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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QLogic Linux Networking HBA Driver

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for his work on the initial Linux DVB driver

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Michael Holzt <kju@debian.org>
for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login
procedure and CyberLogin is no longer used.)

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for his AFC kernel thread

Christoph Martin <martin@uni-mainz.de> for his LIRC infrared handler

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Ronny Strutz <3des@elitedvb.de>
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Kirk Lapray <a href="kirk.lapray@gmail.com">kirk Lapray@gmail.com</a>
for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

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QLogic Linux FC-FCoE Driver

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```

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## 1.53 netbsd-resolv 2.23

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+++ glibc-2.21/include/features.h

Description: Don't warn for \_BSD\_SOURCE || \_SVID\_SOURCE, drop post-vivid Author: Adam Conrad <adconrad@ubuntu.com>

--- glibc-2.21.orig/include/features.h

@ @ -145,7 +145,10 @ @ transitioned to use the new macro. \*/

 $\label{eq:source} \mbox{\tt \#if (defined \_BSD\_SOURCE)} \setminus \mbox{\tt \#if (defined \_SVID\_SOURCE)} \setminus \mbox{\tt \#if (defined \_BSD\_SOURCE)} \setminus \mbox{\tt \#if (defined \_BSD\_SOURCE)} \setminus \mbox{\tt \#if (defined \_BSD\_SOURCE)} \setminus \mbox{\tt \#if (defined \_SVID\_SOURCE)} \setminus \mbox{\tt \#if (def$ 

&&!defined\_DEFAULT\_SOURCE

+/\* Don't #warn about \_BSD\_SOURCE || \_SVID\_SOURCE, as it breaks -Werror

+ and we don't have time to check/fix everything before vivid release

 $\hbox{\# warning "\_BSD\_SOURCE and \_SVID\_SOURCE"}$ 

+\*/

# undef \_DEFAULT\_SOURCE
# define \_DEFAULT\_SOURCE 1
#endif

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## 1.55 elfutils 0.172

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## 1.58 kexec-tools 2.0.18

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## 1.59 libconfig 1.4.9

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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:

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The modified work must itself be a software library.

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You must cause the files modified to carry prominent notices stating that you changed the

files and the date of any change.

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

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@item

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.)

@end enumerate

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

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@item

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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.

@sp 1

@item

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.

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@item

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.

@sp 1

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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:

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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.)

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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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Accompany the work with a written offer, valid for at least three years,

to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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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.

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@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:

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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.

@sp 1

@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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```
@center END OF TERMS AND CONDITIONS
@sp 1
@page
@center How to Apply These Terms to Your New Libraries

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@format
@t{

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
}
@end format
```

That's all there is to it!

@c @bye

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Version 2.1, February 1999

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Finally, software

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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 such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

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.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs

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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.

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- 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

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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

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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 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.

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Otherwise, if the work is a derivative of the Library, you may distribute the

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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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#### 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) 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.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
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## 1.62 opkg 9

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```
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```

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## 1.64 systemd 219

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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 form 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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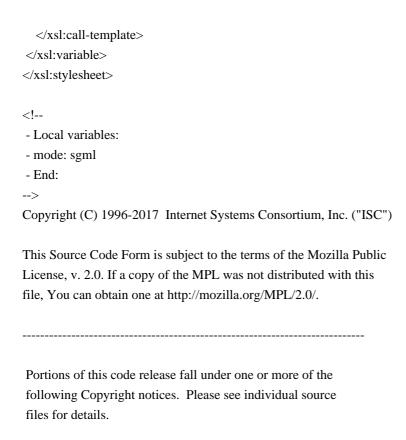
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```
<!-- $Id$ -->
<!-- Generate ISC copyright comments from Docbook copyright metadata. -->
<xsl:stylesheet version="1.0"</pre>
xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xi="http://www.w3.org/2001/XInclude"
xmlns:db="http://docbook.org/ns/docbook">
<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="$rest"/>
  </xsl:call-template>
 </xsl:if>
</xsl:template>
<xsl:variable name="isc.copyright.text">
 <xsl:text>
   This Source Code Form is subject to the terms of the Mozilla Public
   License, v. 2.0. If a copy of the MPL was not distributed with this
   file, You can obtain one at http://mozilla.org/MPL/2.0/.
 </xsl:text>
</xsl:variable>
<xsl:variable name="isc.copyright">
 <xsl:call-template name="isc.copyright.format">
  <xsl:with-param name="text">
    <xsl:for-each select="book/info/copyright"> 
 <xsl:text>Copyright (C) </xsl:text>
 <xsl:call-template name="copyright.years">
  <xsl:with-param name="years" select="year"/>
 </xsl:call-template>
 <xsl:text> </xsl:text>
 <xsl:value-of select="holder"/>
     <xsl:value-of select="$isc.copyright.breakline"/>
 <xsl:text>&#10;</xsl:text>
</xsl:for-each>
<xsl:value-of select="$isc.copyright.text"/>
```

-->

</xsl:with-param>



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## 1.68 curl 7.74.0

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./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~
!"#$%&'()*+,-
./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{\]}~WEV @@
WEV[B "1
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# 1.73 dmalloc 5.5.2

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```
#!/usr/bin/perl5 -w
# dmalloc_summarize -- summarizes dmalloc log files
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# $Id: dmalloc_summarize.pl,v 1.1.1.1 2012/09/18
```

```
09:28:11 mohammr1 Exp $
/*
* Copyright (c) 1994, Textil Computer Design GmbH, Dresden
* Author: J"org Wunsch
* Dumb atexit() implementation. It is far from being elegant. It is
* only here to provide a workaround for systems where the existing
* atexit() implementation is known to cause problems due to doing
* own mallocs. The problem arose originally on a Data General
* machine running DG/UX 5.4R*, along with gcc compiling C++ code.
* In order to have global and static variables called their const-
* ructors, a chunk of code has been placed by the compiler that
* ran before invoking main(). This code registered the desctructors
* with atexit() at this very early stage, but the existing atexit()
* bypassed the normal memory allocation scheme, and hence caused
* grievous troubles in combination with the dmalloc library.
* Known problem for DG/UX: the crt0.0 (at least in a COFF environ-
* ment) passes the return value from main() to real exit() instead
* of exit().
Hence programs which return from main instead of calling
* exit() do not work as expected. I do not see any good workaround
* for this so far (since crt0.0 always happens to reference the
* real exit() from the library, even if we would provide our very
* own symbol for it).
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*/
```

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## THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel Email local part: Philip.Hazel Email domain: gmail.com

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# 1.82 udev 219.42.9

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# 1.83 libxml 2.9.7

# 1.83.1 Available under license:

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# **1.84 bridgeutils 1.7.1**

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Author: Murali Muniraman <mmuniram@cisco.com>

Date: January 2017

This file contains constants for the cheetah platform.

,,,,,

CHEETAH\_DEVICE\_TYPE\_AP = "AP"
CHEETAH\_DEVICE\_TYPE\_ME = "ME"
CHEETAH\_DEVICE\_TYPE\_SENSOR = "sensor"

# CHEETAH\_SENSOR\_WIRELESS\_BACKHAUL\_CONNECTION =

"/tmp/wireless\_backhaul\_connection\_success"

## Found in path(s):

 $*/opt/cola/permits/1156179927\_1624926888.91/0/thirdparty-pnp-pnd-dev-zip/thirdparty\_pnp-pnp\_pd_dev/pnp\_cheetah/pnp\_platform/utils/cheetah\_constants.py$ 

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- $*/opt/cola/permits/1156179927\_1624926888.91/0/thirdparty-pnp-pnd-dev-zip/thirdparty\_pnp-pnp\_pd_dev/pnp\_cheetah/pnp\_platform/discovery/platform\_discovery.py$
- \* /opt/cola/permits/1156179927\_1624926888.91/0/thirdparty-pnp-pnp-pd-dev-zip/thirdparty\_pnp-pnp\_pd\_dev/pnp\_cheetah/pnp\_platform/infra/cdp.py
- \* /opt/cola/permits/1156179927\_1624926888.91/0/thirdparty-pnp-pnp-pd-dev-zip/thirdparty\_pnp-pnp\_pd\_dev/pnp\_cheetah/pnp\_platform/infra/monitor.py
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- $*/opt/cola/permits/1156179927\_1624926888.91/0/thirdparty-pnp-pnd-dev-zip/thirdparty\_pnp-pnp\_pd_dev/pnp\_cheetah/pnp\_platform/services/cli\_config.py$

/opt/cola/permits/1156179927\_1624926888.91/0/thirdparty-pnp-pnp-pd-dev-zip/thirdparty\_pnp-pnp\_pd\_dev/pnp\_cheetah/pnp\_platform/infra/device.py

- \* /opt/cola/permits/1156179927\_1624926888.91/0/thirdparty-pnp-pnp-pd-dev-zip/thirdparty\_pnp-pnp\_pd\_dev/pnp\_cheetah/pnp\_platform/discovery/notify.py
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Author: Murali Muniraman <mmuniram@cisco.com>

Date: January 2017

.....

import json

import logging

import pnp.infra.utils.pnp\_file\_paths as files

logger = logging.getLogger(\_\_name\_\_)

```
def is_platform_device_type(ptype):
              "' Checks platform.json file to see if deviceType is ptype "
              platform_info_file = files.filepaths['config']['platform']
              device_type = None
              try:
                with open(platform_info_file, 'r') as f:
                   platform info = f.read()
              except IOError:
                 logger.error("IOError: No such file or directory:" + platform_info_file)
                return False
                 platform_dict = json.loads(platform_info)
                if platform dict.has key('hardwareInfo'):
                   hardware_info = platform_dict.get('hardwareInfo')
                   if hardware_info.has_key('deviceType'):
                     device_type = hardware_info.get('deviceType')
               except ValueError as e:
                 logger.error(str(e))
              logger.info("Device is of type %s", device_type)
              return bool(device_type == ptype)
             Found in path(s):
             */opt/cola/permits/1156179927_1624926888.91/0/thirdparty-pnp-pnp-pd-dev-zip/thirdparty_pnp-
             pnp_pd_dev/pnp_cheetah/pnp_platform/utils/cheetah_utils.py
1.86 pnp 1.8.2.dev17
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            Found in path(s):
             */opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/setup.py
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             1.8.2.dev17/pnp/service/services/certificate_install.py
             */opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
             1.8.2.dev17/pnp/infra/utils/pnp_constants.py
             */opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/agent.py
             */opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/cdp.py
```

\* /opt/cola/permits/1160619479\_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-

```
1.8.2.dev17/pnp/infra/api/clock sync.py
*/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/api/platform_discovery.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/service/services/reload.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/infra/errors.py
/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/infra/discovery manager.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/network/security.py
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1.8.2.dev17/pnp/infra/utils/pnp_file_paths.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/infra/notify.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/api/script exec.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/profile/profile.py
*/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/objects.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/network/connection_manager.py
*/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/clock_sync.py
/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/network/http_conn_client.py
*/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/service/errors.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/exec_log.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/device.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/reload.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/service/services/cli_config.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/sudi.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/infra/policy.py
/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/monitor.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/service/services/topology.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/utils/timer.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/wlc.py
```

```
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/api/notify.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/cdp.py
*/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/mechanisms/platform_discovery.py
*/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/service/services/device_auth.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/script_exec.py
/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/user auth.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/utils/file_utils.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/network/vrf.py
*/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/sudi.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/certificate.py
*/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/api/pnp_token.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/faults.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/xml/xmlparser.py
*/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/mechanisms/sdwan_ztp_discovery.py
/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/mechanisms/cco_discovery.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/vbond.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/service/api/pnp_service.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/service/services/backoff.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
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*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
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*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/service/services/tag.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/api/platform_constants.py
/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/api/lease_parser.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/api/user_auth.py
```

```
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/utils/pnp_logging.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/device.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/errors.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/profile/profile_manager.py
*/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/service/services/capability.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/service/services/device info.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/infra/lease_parser.py
/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/event.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/vbond.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/mechanisms/dhcp_discovery.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/event.py
*/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/discovery/mechanisms/dns_discovery.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/vrf.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/service/action.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/service/handler.py
/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/capwap.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/network/resolve.py
*/opt/cola/permits/1160619479 1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/network/connection_client.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/service/services/redirection.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/service/services/script.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/utils/pnp_utils.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/xml/xmlgenerator.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/service/services/token_auth.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/posix_pnp_nohup.py
/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/reload.py
* /opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
1.8.2.dev17/pnp/infra/system/capwap.py
*/opt/cola/permits/1160619479_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
```

- 1.8.2.dev17/pnp/infra/api/pnp\_infra.py
- \*/opt/cola/permits/1160619479\_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/infra/api/wlc.py
- \* /opt/cola/permits/1160619479\_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
- 1.8.2.dev17/pnp/service/services/interface\_info.py
- \*/opt/cola/permits/1160619479\_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp/service/reasons.py
- \* /opt/cola/permits/1160619479\_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-
- 1.8.2.dev17/pnp/infra/api/monitor.py

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

Metadata-Version: 1.1

Name: pnp

Version: 1.8.2.dev17

Summary: Plug-n-Play Agent for Cisco Network-PnP

Home-page: https://developer.cisco.com/site/open-plug-n-play/

Author: Network Plug-n-Play

Author-email: pnp-support@cisco.com

License: Cisco Proprietary Description: UNKNOWN

Keywords: posix pnp agent plug-n-play client

Platform: UNKNOWN

Classifier: Operating System :: POSIX :: Linux Classifier: Programming Language :: Python :: 2.7

### Found in path(s):

- $*/opt/cola/permits/1160619479\_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/pnp.egg-info/PKG-INFO$
- \* /opt/cola/permits/1160619479\_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/PKG-INFO No license file was found, but licenses were detected in source scan.

```
[bdist_rpm]
```

release = 1

packager = Network Plug-n-Play <pnp-dev@cisco.com>

 $doc\_files = README.rst$ 

no-autoreq = 1

post-install = pnp/data/cfg/post\_install\_rpm.sh

rpm-base = ./rpmbuild

binary-only = 1

description = Plug-n-Play Agent for Cisco Network-PnP

keep-temp = 1

[egg\_info]

tag\_build =

 $tag\_date = 0$ 

tag\_svn\_revision = 0

### Found in path(s):

\* /opt/cola/permits/1160619479\_1624926759.86/0/pnp-1-8-2-dev17-tar-gz/pnp-1.8.2.dev17/setup.cfg

# 1.87 procps 3.2.8

# 1.87.1 Available under license:

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# 1.88 redis 3.2.1

# 1.88.1 Available under license:

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# 1.89 tftp-hpa 5.2

## 1.89.1 Available under license:

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|----|--|
| *  |  |
| *  | Copyright 2001 H. Peter Anvin - All Rights Reserved            |
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| *  | */   |

### Found in path(s):

 $*/opt/cola/permits/1706477603\_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.h$ 

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### Found in path(s):

 $*/opt/cola/permits/1706477603\_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/config.h$ 

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### Found in path(s):

- \*/opt/cola/permits/1706477603\_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-
- $2\hbox{-}1\hbox{-}tar\hbox{-}bz2/tftp\hbox{-}hpa\hbox{-}5.2/tftpd/recvfrom.c}$
- 2-1-tar-bz2/tftp-hpa-5.2/tftpd/recvfrom.h

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

Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: 5.2 Release: 1 License: BSD Group: Applications/Internet Source0: http://www.kernel.org/pub/software/network/tftp/tftp-hpa-% {version}.tar.gz BuildRequires: tcp\_wrappers-devel BuildRoot: % { tmppath}/% {name}-root %description The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed. %package server Group: System Environment/Daemons Summary: The server for the Trivial File Transfer Protocol (TFTP). Requires: xinetd %description server The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems. %prep %setup -q -n tftp-hpa-% {version} %build %configure make % {?\_smp\_mflags} %install rm -rf \${RPM\_BUILD\_ROOT} mkdir -p \${RPM\_BUILD\_ROOT}% {\_bindir} mkdir -p \${RPM\_BUILD\_ROOT}% {\_mandir}/man{1,8} mkdir -p \${RPM\_BUILD\_ROOT}%{\_sbindir} make INSTALLROOT=\${RPM\_BUILD\_ROOT} \ SBINDIR=% {\_sbindir} MANDIR=% {\_mandir} \ install install -m755 -d \${RPM\_BUILD\_ROOT}% {\_sysconfdir}/xinetd.d/ \${RPM\_BUILD\_ROOT}/tftpboot

install -m644 tftp-xinetd \${RPM\_BUILD\_ROOT}% {\_sysconfdir}/xinetd.d/tftp

```
%post server
/sbin/service xinetd reload > /dev/null 2>&1 || :
%postun server
if [\$1 = 0]; then
 /sbin/service xinetd reload > /dev/null 2>&1 || :
fi
%clean
rm -rf ${RPM_BUILD_ROOT}
%files
%defattr(-,root,root)
% {_bindir}/tftp
% {_mandir}/man1/*
%files
server
%defattr(-,root,root)
%config(noreplace) % {_sysconfdir}/xinetd.d/tftp
%dir/tftpboot
% {_sbindir}/in.tftpd
% {_mandir}/man8/*
%changelog
* Tue Sep 14 2004 H. Peter Anvin < hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.
* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
- rebuilt
* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt
* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
- 0.33
- Add /tftpboot directory (#88204)
* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt
* Sun Feb 23 2003 Tim Powers <timp@redhat.com>
- add BuildPreReq on tcp_wrappers
* Wed Jan 22 2003 Tim Powers <timp@redhat.com>
- rebuilt
```

- \* Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
- Update to 0.32
- \* Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
- Fix #55789
- Update to 0.30
- \* Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
- Try applying HJ's patch from #65476
- \* Fri Jun
- 21 2002 Tim Powers < timp@redhat.com>
- automated rebuild
- \* Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
- Update to 0.29
- \* Thu May 23 2002 Tim Powers <timp@redhat.com>
- automated rebuild
- \* Wed Jan 09 2002 Tim Powers < timp@redhat.com>
- automated rebuild
- \* Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
- Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
- Update to tftp-hpa-0.28 (bug #56131)
- Remove include/arpa/tftp.h to fix #57259
- Add resource limits in tftp-xinetd (#56722)
- \* Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>
- Bump release + rebuild.
- \* Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)
- updated tftp-hpa source to tftp-hpa-0.17
- tweaked specfile with different defines for tftp-netkit and tftp-hpa version
- use hpa's tftpd.8 man page instead of the netkits one
- \* Mon May 07 2001 Helge Deller <hdeller@redhat.de>
- rebuilt in 7.1.x
- \* Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
- fix tftp client's put problems (#29529)
- update
- to tftp-hpa-0.16
- \* Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
- don't let configure to guess compiler, it can pick up egcs

- \* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
- changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
- fixed hpa-tftpd to handle files greater than 32MB (#23725)
- added "-1" flag to hpa-tftpd for file-logging (#26467)
- added description for "-1" to the man-page
- \* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
- updated tftp client to 0.17 stable (#19640),
- drop dependency on xinetd for tftp client (#25051),
- \* Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
- xinetd shouldn't wait on tftp (which forks) (#23923).
- \* Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>
- fix to permit tftp put's (#18128).
- startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.
- %% post is needed by server, not client. Add %% postun for erasure as well.
- \* Wed Aug 23 2000

Nalin Dahyabhai <nalin@redhat.com>

- default to being disabled
- \* Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>
- correct group.
- \* Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
- change user from root to nobody
- \* Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
- update to tftp-hpa-0.14 (#14003).
- add server\_args (#14003).
- remove -D\_BSD\_SOURCE (#14003).
- \* Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
- cook up an xinetd config file for tftpd
- \* Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
- automatic rebuild
- \* Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>
- FHS packaging.
- update to 0.17.
- \* Fri May 5 2000 Matt Wilson <msw@redhat.com>
- use  $\_BSD\_SOURCE$  for hpa's tftpd so we get BSD signal semantics.

- \* Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
- fix description
- \* Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>
- compress man pages (again).
- \* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>
- man pages are compressed
- fix description and summary
- \* Tue

Jan 4 2000 Bill Nottingham <notting@redhat.com>

- split client and server
- \* Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>
- update to 0.16.
- \* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>
- update to 0.15.
- \* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>
- tftpd should truncate file when overwriting (#412)
- \* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>
- auto rebuild in the new build environment (release 22)
- \* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>
- compile for 6.0.
- \* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>
- build root
- \* Mon Apr 27 1998 Prospector System <bugs@redhat.com>
- translations modified for de, fr, tr
- \* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>
- added check for getpwnam() failure
- \* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>
- initial build

### Found in path(s):

 $*/opt/cola/permits/1706477603\_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-2-1-tar-bz2/tftp-hpa-5.2/tftp.spec$ 

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### Found in path(s):

- \*/opt/cola/permits/1706477603 1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-
- $2\hbox{-}1\hbox{-}tar\hbox{-}bz2/tftp\hbox{-}hpa\hbox{-}5.2/tftpd/tftpd.8.in}$

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- \* SUCH DAMAGE.

### Found in path(s):

- 2-1-tar-bz2/tftp-hpa-5.2/common/tftpsubs.h

\*

 $/opt/cola/permits/1706477603\_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-theorem (as a constant of the constant$ 

2-1-tar-bz2/tftp-hpa-5.2/tftp/extern.h

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

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\*/

Found

in path(s):

\*/opt/cola/permits/1706477603\_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-

2-1-tar-bz2/tftp-hpa-5.2/tftpd/tftpd.c

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

Summary: The client for the Trivial File Transfer Protocol (TFTP).

Name: tftp

Version: @@VERSION@@

Release: 1 License: BSD

Group: Applications/Internet

Source0: http://www.kernel.org/pub/software/network/tftp/tftp-hpa-% {version}.tar.gz

BuildRequires: tcp\_wrappers-devel BuildRoot: % {\_tmppath}/% {name}-root

### %description

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

%package server

Group: System Environment/Daemons

Summary: The server for the Trivial File Transfer Protocol (TFTP).

Requires: xinetd

%description server

The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the

server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

```
%prep
```

% setup -q -n tftp-hpa-% { version }

%build

%configure

make % {?\_smp\_mflags}

%install

rm -rf \${RPM\_BUILD\_ROOT}

mkdir -p \${RPM\_BUILD\_ROOT}% {\_bindir}

mkdir -p \${RPM\_BUILD\_ROOT}%{\_mandir}/man{1,8}

```
mkdir -p ${RPM_BUILD_ROOT}% {_sbindir}
make INSTALLROOT=${RPM_BUILD_ROOT} \
 SBINDIR=% {_sbindir} MANDIR=% {_mandir} \
install
install -m755 -d ${RPM_BUILD_ROOT}% {_sysconfdir}/xinetd.d/ ${RPM_BUILD_ROOT}/tftpboot
install -m644 tftp-xinetd ${RPM_BUILD_ROOT}% {_sysconfdir}/xinetd.d/tftp
%post server
/sbin/service xinetd reload > /dev/null 2>&1 || :
%postun server
if [\$1 = 0]; then
 /sbin/service xinetd reload > /dev/null 2>&1 || :
fi
%clean
rm -rf ${RPM_BUILD_ROOT}
%files
%defattr(-,root,root)
% {_bindir}/tftp
% {_mandir}/man1/*
%files
server
%defattr(-,root,root)
%config(noreplace) % {_sysconfdir}/xinetd.d/tftp
%dir/tftpboot
% {_sbindir}/in.tftpd
% {_mandir}/man8/*
%changelog
* Tue Sep 14 2004 H. Peter Anvin < hpa@zytor.com>
- removed completely broken "Malta" patch.
- integrated into build machinery so rpm -ta works.
* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
- rebuilt
* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
- rebuilt
* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
- Add /tftpboot directory (#88204)
```

\* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>

- rebuilt
- \* Sun Feb 23 2003 Tim Powers <timp@redhat.com>
- add BuildPreReq on tcp\_wrappers
- \* Wed Jan 22 2003 Tim Powers < timp@redhat.com>
- rebuilt
- \* Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
- Update to 0.32
- \* Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
- Fix #55789
- Update to 0.30
- \* Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
- Try applying HJ's patch from #65476

\*

Fri Jun 21 2002 Tim Powers <timp@redhat.com>

- automated rebuild
- \* Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
- Update to 0.29
- \* Thu May 23 2002 Tim Powers <timp@redhat.com>
- automated rebuild
- \* Wed Jan 09 2002 Tim Powers <timp@redhat.com>
- automated rebuild
- \* Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
- Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
- Update to tftp-hpa-0.28 (bug #56131)
- Remove include/arpa/tftp.h to fix #57259
- Add resource limits in tftp-xinetd (#56722)
- \* Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>
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- updated tftp-hpa source to tftp-hpa-0.17
- tweaked specfile with different defines for tftp-netkit and tftp-hpa version
- use hpa's tftpd.8 man page instead of the netkits one
- \* Mon May 07 2001 Helge Deller <hdeller@redhat.de>
- rebuilt in 7.1.x

- \* Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
- fix tftp client's put problems (#29529)

-

update to tftp-hpa-0.16

- \* Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
- don't let configure to guess compiler, it can pick up egcs
- \* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
- changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
- fixed hpa-tftpd to handle files greater than 32MB (#23725)
- added "-l" flag to hpa-tftpd for file-logging (#26467)
- added description for "-1" to the man-page
- \* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
- updated tftp client to 0.17 stable (#19640),
- drop dependency on xinetd for tftp client (#25051),
- \* Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
- xinetd shouldn't wait on tftp (which forks) (#23923).
- \* Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>
- fix to permit tftp put's (#18128).
- startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.
- %% post is needed by server, not client. Add %% postun for erasure as well.
- \* Wed Aug
- 23 2000 Nalin Dahyabhai <nalin@redhat.com>
- default to being disabled
- \* Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>
- correct group.
- \* Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
- change user from root to nobody
- \* Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
- update to tftp-hpa-0.14 (#14003).
- add server\_args (#14003).
- remove -D\_BSD\_SOURCE (#14003).
- \* Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
- cook up an xinetd config file for tftpd
- \* Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
- automatic rebuild

- \* Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>
- FHS packaging.
- update to 0.17.
- \* Fri May 5 2000 Matt Wilson <msw@redhat.com>
- use \_BSD\_SOURCE for hpa's tftpd so we get BSD signal semantics.
- \* Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
- fix description
- \* Wed Feb 9 2000 Jeff Johnson <jbj@redhat.com>
- compress man pages (again).
- \* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>
- man pages are compressed
- fix description and summary

\*

Tue Jan 4 2000 Bill Nottingham <notting@redhat.com>

- split client and server
- \* Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>
- update to 0.16.
- \* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>
- update to 0.15.
- \* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>
- tftpd should truncate file when overwriting (#412)
- \* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>
- auto rebuild in the new build environment (release 22)
- \* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>
- compile for 6.0.
- \* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>
- build root
- \* Mon Apr 27 1998 Prospector System <bugs@redhat.com>
- translations modified for de, fr, tr
- \* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>
- added check for getpwnam() failure
- \* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>
- initial build

### Found in path(s):

- \*/opt/cola/permits/1706477603 1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-
- 2-1-tar-bz2/tftp-hpa-5.2/tftp.spec.in

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### Found in path(s):

- \*/opt/cola/permits/1706477603\_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-
- 2-1-tar-bz2/tftp-hpa-5.2/tftp/tftp.1.in

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### Found in path(s):

- 2-1-tar-bz2/tftp-hpa-5.2/tftp/main.c

\*

 $/opt/cola/permits/1706477603\_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-temperature for the color of th$ 

- 2-1-tar-bz2/tftp-hpa-5.2/common/tftpsubs.c
- 2-1-tar-bz2/tftp-hpa-5.2/tftp/tftp.c

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### Found in path(s):

- \*/opt/cola/permits/1706477603\_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-
- 2-1-tar-bz2/tftp-hpa-5.2/tftpd/misc.c
- \* /opt/cola/permits/1706477603\_1686090138.2521963/0/e7879f0bdab1fc6f226db6f6f848d58f50548de4-tftp-hpa-5-
- 2-1-tar-bz2/tftp-hpa-5.2/tftpd/remap.c
- 2-1-tar-bz2/tftp-hpa-5.2/tftpd/remap.h

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