Open Source Used In Edge and Fog Processing Module 1.6.1

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1.221 vertx-service-discovery 3.5.4
1.222 vertx-service-factory 3.5.4
1.223 vertx-service-proxy 3.5.4
1.224 vertx-web 3.5.4
1.225 vertx-web-api-contract 3.5.4
1.226 vue 2.5.16
   1.226.1 Available under license
1.227 vue-apollo 3.0.0-beta.19
1.228 vue-clickaway 2.2.2
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   1.233.1 Available under license
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   1.234.1 Available under license
1.235 vuex-persist 1.4.3
   1.235.1 Available under license
1.236 watcher 0.9.7+3
   1.236.1 Available under license
1.237 yajl 2.0.1 2.0.1
   1.237.1 Available under license
1.238 yaml 2.1.7
   1.238.1 Available under license
1.239 yamlicious 0.0.5
   1.239.1 Available under license
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   1.240.1 Available under license
1.241 zen-observable-ts 0.8.9
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1.242 zlib 1.2.11
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1.1 "Java Concurrency in Practice" book annotations 1.0

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1.5 alphanum-sort-dart 0.1.1

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1.18 apollo-link 1.2.2

1.19 apollo-link-dedup 1.0.9

1.20 apollo-link-error 1.1.0

1.21 apollo-link-http 1.5.4

1.22 apollo-link-http-common 0.2.4

1.23 apollo-utilities 1.0.16

1.24 archive 2.0.0

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010
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1.25 async-dart 1.12.0

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1.26 bcprov-jdk15on 1.60

1.27 Bean Validation API 1.1.0.Final

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1.28 boost 1.69.0

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 *
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 *
 */

#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);
}
os <<
"<!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 <<

Open Source Used In Edge and Fog Processing Module 1.6.1
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"</title>\n"    
"</head>\n"    
"<body>\n"    
"<H1>Boost Licence Dependency Information</H1>    
if(m_module_list.size() == 1)    
{    
os << " for " << *(m_module_list.begin());    
}    
os << "</H1>\n"    
"<H2>Contents</h2>\n"    
"<pre><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)    
"<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 NOT 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"    
"</pre>\n"    
//    
// input Information:    
//    
os << "<a name="input"></a><h2>Input Information</h2>\n"    
if(m_scan_mode)    
os << "The following files were scanned for boost dependencies:\n";    
else    
os << "The following Boost modules were checked:\n";
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><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\[[:blank:]]*\([[:blank:]]+([\d]+)\)\);
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>
    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">"<h2>Licence Details</h2>
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>";
  // 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><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>";
  ++x;
}
os << "</P></BLOCKQUOTE>";
  // Files using this license:
os << "<P>This license applies to the following" << i->second.files.size() << " files:</P><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>";
  ++m;
}
os << "</P></BLOCKQUOTE>";
  }else
  {
    os << "<P>This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).</P>";
}
os << "\n";  
++license_index;  
++i;  
}  
//  
// Output list of files not found to be under license control:  
//  
os << "Files With No Recognisable Licence:\n"  
"The following " << m_unlicensed.size() << " files had no recognisable license  
information:\n" << BLOCKQUOTE;  
std::set<fs::path, path_less>::const_iterator i2, j2;  
i2 = m_unlicensed.begin();  
j2 = m_unlicensed.end();  
while(i2 != j2)  
{
  os << split_path(m_boost_path, *i2) << "<br>\n";  
  ++i2;  
}  
os << "\";  
//  
// Output list of files with no found copyright holder:  
//  
os << "Files With No Recognisable Copyright Holder:\n"  
"The following " << m_unknown_authors.size() << " files had no recognisable copyright  
holder:\n" << BLOCKQUOTE;  
i2 = m_unknown_authors.begin();  
j2 = m_unknown_authors.end();  
while(i2 != j2)  
{
  os << split_path(m_boost_path, *i2) << "<br>\n";  
  ++i2;  
}  
os << "\";  
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 << "Files that can be automatically converted to the Boost Software  
  License:\n"  
  "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:\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>
<table border="1"><tr><td><pre>
" << i->second.first << "</pre></td><td><pre>
" << i->second.second << "</pre></td></tr></table>
";
++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>
";
"<P>The following " << m_can_migrate_to_bsl.size() << " files could be manually converted to the Boost
Software License, but have not yet been:<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>";
++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>";
"<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:<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>";
++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>";
"<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>.

```cpp
std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
std::ostream_iterator<std::string>(os, "<br
"));
os << "</p></BLOCKQUOTE>"
```

// output a table of copyright information:

```
// os << "<H2>a name="copyright\"</a>Copyright Holder Information</H2><table border="1"\n";
std::map<std::string, std::set<fs::path, path_less> >::const_iterator ad, ead;
ad = m_author_data.begin();
ed = m_author_data.end();
while(ad != ead)
{
    os << "<tr><td>" << ad->first << "</td><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 << "</td></tr><\n";
    ++ad;
}
os << "</table>\n";
```
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 << " \rightarrow ";
            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);
}

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This package was debianized by Vladimir Prus <ghost@cs.msu.su> on Wed, 17 July 2002, 19:27:00 +0400.

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

HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by
Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely
due to Vernon Lee, on machines made available to Rice by IBM.
Much of the HP specific code and a number of good suggestions for improving the
generic code are due to Walter Underwood.
Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.
Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk)
subsequently provided updates and information on variation between ULTRIX
systems. Parag Patel (parag@netcom.com) supplied the A/UX code.
Jesper Peterson(jep@mitame.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(agg@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
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<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Boost.HigherOrderFunctions 0.6 documentation</title>

<link rel="stylesheet" href="_static/boostbook.css" type="text/css" />
<link rel="stylesheet" href="_static/pygments.css" type="text/css" />

<script type="text/javascript">
var DOCUMENTATION_OPTIONS = {
    URL_ROOT:    './',
    VERSION:     '0.6',

</html>
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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() {}

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-->
Adapters for Boost.MPL containers.  

- **boost::mpl::integral_c< T, v >**
  - Adapter for IntegralConstants from the Boost.MPL.
  - [More...](#)

- **boost::mpl::list< T >**
  - Adapter for Boost.MPL lists.

- **boost::mpl::vector< T >**
  - Adapter for Boost.MPL vectors.
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#!/usr/bin/env python
from subprocess import check_output as run
from datetime import datetime
from itertools import groupby
from operator import itemgetter
import re
import magic

def authors(filename):
    log = run(['git', 'log', '--follow',
               '--date=short', '--format=%aN%u%N%e%ad', filename],
               universal_newlines=True)
    for line in log.splitlines():
        author, date = line.split('	')
        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'^\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,

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)

Boost.Geometry (aka GGL, Generic Geometry Library)

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<title>Boost Date-Time Library License</title>
<bridgehead renderas="sect2">Boost Date-Time Library License</bridgehead>
<!--hr /-->
<para>
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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.
All the value based traits in this library conform to MPL's requirements for an 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.
The header `<boost/mp11mpl.hpp>`, when included, defines the necessary support infrastructure for `mp_list` and `std::tuple` to be valid link:`/./././libs/mp11/MPL` sequences.

NOTE: `mpl.hpp` is not included by `<boost/mp11.hpp>`. Software License, Version 1.0

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//
//
////////////////////////////////////////////////////////////////////////////////

#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP
#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/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 dtl {
namespace boost {

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

}  //namespace boost

#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

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//
//
///////////////////////////////////////////////////////////////////////////////
#endif   //#ifndef BOOST_CONTAINER_CONTAINER_DETAIL_MPL_HPP

#ifndef BOOST_CONTAINER_DETAIL_MPL_HPP
#define BOOST_CONTAINER_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<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 ipc_detail
} //namespace interprocess
} //namespace boost

#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP
#define BOOST_INTRUSIVE_DETAIL_MPL_HPP
#ifndef BOOST_CONFIG_HPP
#include <boost/config.hpp>
#endif

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//
//

#endif

#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 {
        namespace detail {

            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::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>
{
    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>                                          \\template<typename X>
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)
typedef 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>
struct TRAITS_PREFIX##_bool_is_true
{
    static const bool value = TRAITS_PREFIX##_bool<T>::value > sizeof(yes_type)*2;
};

#ifdef 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);
};

#endif

//

#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME, FUNC_NAME) 
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);
    template <typename U> static ::boost::intrusive::detail::yes_type test(...);
    static const bool value = sizeof(::boost::intrusive::detail::yes_type) == sizeof(test((Base*)(0)));
};

#endif

//

#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

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 (brazil@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@mtiname.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and
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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.
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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).

This package was debianized by Vladimir Prus <ghost@cs.msu.su> on

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<!DOCTYPE html>
<html>
<head>
</head>
<body>
<h3>
Copyright Test
</h3>
<p class="copyright">
1963, 1964, 1965 Jane Doe
</p>
<p class="copyright">
2018 Joe Blow, John Coe
</p>
<p class="copyright">
1977, 1985 Someone else
</p>
</body>
Maybe this should pass?

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

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>License &amp;#8212; Boost.HigherOrderFunctions 0.6 documentation</title>
<link rel="stylesheet" href="./_static/boostbook.css" type="text/css" />
<link rel="stylesheet" href="./_static/pygments.css" type="text/css" />
<script type="text/javascript">
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" />
<link rel="prev" title="Acknowledgements" href="acknowledgements.html" />
</head>
<body role="document">
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<tr><td align="top"><img alt="Boost C++ Libraries" width="277" height="86" src="./_static/boost.png" /></td></tr></table>
<div class="spirit-nav"
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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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1.30 boost.process 0.5

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1.31 byte-buddy 1.7.9

1.32 byte-buddy-agent 1.7.9

1.33 cache-api 1.0.0
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1.36 com.h2database:h2 1.4.197

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1.52 dart-lzma 0.3.0

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1.53 dart-xml 2.4.3

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1.55 dateformat 3.0.2

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1.56 deprecated-decorator 0.1.6

1.57 dsbroker 1.1.0

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```
package org.dsa.iot.dslink.node;

/**
* Handles various permission levels
* @author Samuel Grenier
*/
public enum Permission {
    NONE("none"),
    READ("read"),
    WRITE("write"),
    CONFIG("config"),
    NEVER("never");

private final String jsonName;

Permission(String jsonName) {
    this.jsonName = jsonName;
}

/**
* @return JSON ready name of the permission
*/
public String getJsonName() {
    return jsonName;
}

/**
* Converts a string permission received from an endpoint back into a
* permission enumeration.
* @param perm Permission string to convert.
* @return Converted string into an enumeration.
*/
public static Permission toEnum(String perm) {
    switch (perm) {
    case "none":
        return NONE;
    case "read":
        return READ;
    case "write":
        return WRITE;
    case "config":

return CONFIG;
case "never":
    return NEVER;
default:
    throw new RuntimeException("Unhandle type");
}
}

# 1.59 dslink-dart-dql
72445afc32028d9614ed2a5904edadef34e0688e

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93cfbb439824087ad7e2422f5ba60d7db73ec2a4

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1.62 dsllink-alarm 1.9.0
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1.63 duosecurity-dart 0.0.1

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1.64 fast-json-stable-stringify 2.0.0

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1.65 git 1.8.3.1 :13.el7

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1.80 historian 0.20.1

1.81 http_multi_server 2.0.3

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### 1.96 jackson-core 2.8.10

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1.99 jackson-databind 2.8.11.1

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1.100 jackson-databind 2.9.8

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1.101 jackson-databind 2.8.10

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1.102 jackson-dataformat-msgpack 0.8.16

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<component name="CopyrightManager">
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  <LanguageOptions name="JAVA">
    <option name="fileTypeOverride" value="3" />
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    <option name="block" value="false" />
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  </LanguageOptions>
  <LanguageOptions name="Scala">
    <option name="fileTypeOverride" value="3" />
    <option name="addBlankAfter" value="false" />
    <option name="block" value="false" />
    <option name="prefixLines" value="false" />
  </LanguageOptions>
  <LanguageOptions name="__TEMPLATE__">
    <option name="addBlankAfter" value="false" />
  </LanguageOptions>
</settings>
</component>
<component name="CopyrightManager">
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  <option name="allowReplaceKeyword" value="" />
  <option name="myName" value="msgpack" />
  <option name="keyword" value="MessagePack for Java" />
  <option name="notice" value="MessagePack for Java
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</copyright>
</component>
```
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1.103 jackson-dataformat-msgpack 0.8.14

1.104 jackson-dataformat-yaml 2.9.6

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1.105 java-dataloader 2.0.2
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1.1

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1.117 json-schema-core 1.2.8

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1.118 json-schema-validator 2.2.8

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1.119 json-schema-validator 0.1.13

1.120 Json.NET 11.0.2

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1.121 jsr305 3.0.1

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1.133 lua-resty-hmac 0.02

1.134 lua-resty-http 0.12
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1.135 lua-resty-jwt 0.1.11

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1.136 lua-resty-openidc 1.6.1

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1.154 netty-buffer 4.1.19.Final

1.155 netty-codec 4.1.19.Final

1.156 netty-codec-dns 4.1.19.Final
1.158 netty-codec-http2 4.1.19.Final
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1.170 opentest4j 1.0.0
1.171 package_config 0.1.5

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1.172 parstream-authentication 1.2

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1.174 path-dart 1.4.2

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1.175 petitparser-dart 1.5.3

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1.176 postgresql-jdbc 42.2.5

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layout: default
title: PostgreSQL JDBC Contributors
resource: ../media
nav: ../
---

{% include submenu_community.html %}

<div id="pgContentWrap">
<h1>Contributors</h1>
<hr />
<div>
<ul>
<li><a href="#maintainers">Maintainers</a></li>
<li><a href="#authors">Previous Maintainers</a></li>
<li><a href="#developers">Developers</a></li>
</ul>
</div>
</div>
<ul>
<li><a href="#translators">Translators</a></li>
</ul>

<a name="maintainers"></a>
<h2 class="underlined_10">Maintainers</h2>
<div>
<p>Please do not contact the maintainers directly unless you have a specific need to contact just them. Please use the mailing list if at all possible.</p>
</div>

<a href="mailinglist.html#general">pgsql-jdbc@postgresql.org</a>

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<li>[davec] - Dave Cramer (pg.at.fastcrypt.com)</li>
<li>[jurka] - Kris Jurka (jurka.at.ejurka.com)</li>
<li>[oliver] - Oliver Jowett (oliver.at.opencloud.com)</li>
</ul>

<hr />

<a name="developers"></a>
<h2 class="underlined_10">Previous Maintainers</h2>
<div>
<p>The original JDBC driver was written by Adrian Hall. Peter Mount and Barry Lind have maintained it in the past, but have since moved on to other things.</p>
</div>

<hr />

<a name="developers"></a>
<h2 class="underlined_10">Developers</h2>
<div>
<p>People who have contributed significant code to the project since the 7.4 release. A careful historical study has not been commissioned, but if you've done something valuable, we'd be happy to recognize you for it. Just let us know.</p>
</div>

<ul>
<li>Jan Andre le Roux</li>
</ul>

<li>ResultSetMetaData information based on the V3 protocol</li>
<li>Jaroslaw J. Pyszny</li>
<ul>
<li>Improve MetaData regarding the serial datatype</li>
</ul>

<li>Ulrich Meis</li>
<ul>
<li>Allow users to customize the SSL connection</li>
</ul>

<li>Xavier Poinsard</li>
<ul>
<li>Standard escaped functions \{ fn ...() \}</li>
</ul>

<li>Oliver Siegmar</li>
<ul>
<li>Support for infinity in the timestamp datatype</li>
<li>Make PGInterval able to decode and manipulate interval data</li>
</ul>

<li>Michael Barker</li>
<ul>
<li>Blob write and position methods.</li>
</ul>

<li>Andras Kadinger</li>
<ul>
<li>Support asynchronous notification retrieval.</li>
</ul>

<li>Heikki Linnakangas</li>
<ul>
<li>XADDataSource implementation.</li>
</ul>

<li>Luis Vilar Flores</li>
<ul>
<li>Reduce memory usage retrieving bytea data.</li>
</ul>

<li>Michael Paesold</li>
<ul>
<li>Correctly parse dollar quotes and comments.</li>
<li>Work with standard_conforming_strings = on.</li>
</ul>

<li>Mikko Tiihonen</li>
<ul>
  <li>Improve speed of parsing ResultSet data.</li>
</ul>

Marek Lewczuk

<ul>
  <li>Support multi-dimensional arrays and NULL array elements.</li>
</ul>

<hr />

<a name="translators"></a>
<h2 class="underlined_10">Translators</h2>
<div>
  <ul>
    <li>cs - Czech
      <ul>
        <li>Petr Dittrich</li>
      </ul>
    </li>
    <li>de - German
      <ul>
        <li>Andre Bialojahn</li>
      </ul>
    </li>
    <li>es - Spanish
      <ul>
        <li>Diego A. Gil</li>
      </ul>
    </li>
    <li>fr - French
      <ul>
        <li>Xavier Poinsard</li>
      </ul>
    </li>
    <li>it - Italian
      <ul>
        <li>Giuseppe Sacco</li>
      </ul>
    </li>
    <li>pl - Polish
      <ul>
        <li>Jaroslaw Pyszny</li>
      </ul>
    </li>
    <li>pt_BR - Brazilian Portuguese</li>
  </ul>
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    "Christoph Berg" : "https://github.com/ChristophBerg",
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    "Daniel Gustafsson" : "https://github.com/danielgustafsson",
    "Daniel Migowski" : "https://github.com/dmigowski",
    "Dave Cramer" : "davec@postgresintl.com",
    "Eric McCormack" : "https://github.com/ericmack",
    "Florin Asvoaie" : "https://github.com/FlorinAsvoaie",
    "George Kankava" : "https://github.com/georgekankava",
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    "Marios Trivyzas" : "https://github.com/matriv",
    "Mathias Fuenegger" : "https://github.com/mfussenegger",
}
1.177 pub_semver 1.3.2
1.177.1 Available under license:

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1.180 reactive-streams 1.0.2

1.181 runtime_shared 0.20.1

1.182 rxjava 2.1.3

1.183 sdk-dslink-dart 1.0.0
1.183.1 Available under license:

```cpp
class Permission {
    // now allowed to do anything
    static const int NONE = 0;

    // list node
```
static const int LIST = 1;

/// read node
static const int READ = 2;

/// write attribute and value
static const int WRITE = 3;

/// config the node
static const int CONFIG = 4;

/// something that can never happen
static const int NEVER = 5;

static const List<String> names = const [
    'none',
    'list',
    'read',
    'write',
    'config',
    'never'
];

static const Map<String, int> nameParser = const {
    'none': NONE,
    'list': LIST,
    'read': READ,
    'write': WRITE,
    'config': CONFIG,
    'never': NEVER
};

static int parse(Object obj, [int defaultVal = NEVER]) {
    if (obj is String && nameParser.containsKey(obj)) {
        return nameParser[obj];
    }
    return defaultVal;
}

class PermissionList {
    Map<String, int> idMatchs = {};
    Map<String, int> groupMatchs = {};
    int defaultPermission = Permission.NONE;

    void updatePermissions(List data) {
        idMatchs.clear();
        groupMatchs.clear();
    }
}
defaultPermission = Permission.NONE;
for (Object obj in data) {
    if (obj is Map) {
        if (obj['id'] is String) {
            idMatchs[obj['id']] = Permission.nameParser[obj['permission']];
        } else if (obj['group'] is String) {
            if (obj['group'] == 'default') {
                defaultPermission = Permission.nameParser[obj['permission']];
            } else {
                groupMatchs[obj['group']] = Permission.nameParser[obj['permission']];
            }
        }
    }
}

bool _FORCE_CONFIG = true;

int getPermission(Responder responder) {
    // TODO Permission temp workaround before user permission is implemented
    if (_FORCE_CONFIG) {
        return Permission.CONFIG;
    }
    if (idMatchs.containsKey(responder.reqId)) {
        return idMatchs[responder.reqId];
    }
    int rslt = Permission.NEVER;
    for (String group in responder.groups) {
        if (groupMatchs.containsKey(group)) {
            int v = groupMatchs[group];
            if (v < rslt) {
                // choose the lowest permission from all matched group
                rslt = v;
            }
        }
    }
    if (rslt == Permission.NEVER) {
        return defaultPermission;
    }
    return rslt;
}

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1.185 slf4j-ext 1.7.25

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1.190 sqlite-amalgamation 3.26.0

1.191 stack_trace 1.7.3
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1.193 stich-dart 0.2.0+4
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1.194 swagger-annotations 1.5.18

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 */

package io.swagger.annotations;

import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#licenseObject
 *
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

/**
 * The name of the license.
 *
 * @return the name of the license
 */
String name();

/**
 */
}
### 1.195 swagger-annotations 2.0.0-rc4

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```java
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 */

package io.swagger.v3.oas.annotations.info;

import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * The annotation may be used in { @link Info#license()} to define a license for the OpenAPI spec.
 *  
 * @see <a target="_new" href="https://github.com/OAI/OpenAPI-Specification/blob/3.0.1/versions/3.0.1.md#licenseObject">License (OpenAPI specification)</a>
 * @see io.swagger.v3.oas.annotations.OpenAPIDefinition
 * @see Info
 *  
 * @Target({})
 * @Retention(RetentionPolicy.RUNTIME)
 * public @interface License {
 *  
 *  * The license name used for the API.
 *  
 *  * @return the name of the license
 */
```
/**
 * String name() default "";
 */

/**
 * A URL to the license used for the API. MUST be in the format of a URL.
 * @return the URL of the license
 */
String url() default "";

1.196 swagger-compat-spec-parser 1.0.34

1.197 swagger-core 1.5.18

1.198 swagger-core 2.0.0-rc4

1.199 swagger-models 2.0.0-rc4
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 */

package io.swagger.v3.oas.models.info;
import java.util.Objects;

/**
 * License
 *
 * @see "https://github.com/OAI/OpenAPI-Specification/blob/3.0.1/versions/3.0.1.md#licenseObject"
 */

public class License {
    private String name = null;
    private String url = null;
    private java.util.Map<String, Object> extensions = null;

    /**
     * returns the name property from a License instance.
     *
     * @return String name
     **/
    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public License name(String name) {
        this.name = name;
        return this;
    }

    /**
     * returns the url property from a License instance.
     *
     * @return String url
     **/
    public String getUrl() {
        return url;
    }

    public void setUrl(String url) {
        this.url = url;
    }

    public License url(String url) {
        this.url = url;
        return this;
    }
}

Open Source Used In Edge and Fog Processing Module 1.6.1

635
this.url = url;
return this;
}

@Override
public boolean equals(java.lang.Object o) {
    if (this == o) {
        return true;
    }
    if (o == null || getClass() != o.getClass()) {
        return false;
    }
    License license = (License) o;
    return Objects.equals(this.name, license.name) &&
            Objects.equals(this.url, license.url) &&
            Objects.equals(this.extensions, license.extensions);
}

@Override
public int hashCode() {
    return Objects.hash(name, url, extensions);
}

public java.util.Map<String, Object> getExtensions() {
    return extensions;
}

public void addExtension(String name, Object value) {
    if (name == null || name.isEmpty() || !name.startsWith("x-")) {
        return;
    }
    if (this.extensions == null) {
        this.extensions = new java.util.HashMap<>();
    }
    this.extensions.put(name, value);
}

public void setExtensions(java.util.Map<String, Object> extensions) {
    this.extensions = extensions;
}

public License extensions(java.util.Map<String, Object> extensions) {
    this.extensions = extensions;
    return this;
}

@Override
public String toString() {
    return super.toString();
}
StringBuilder sb = new StringBuilder();
sb.append("class License {
    name: ").append(toIndentedString(name)).append("\n");
sb.append("    url: ").append(toIndentedString(url)).append("\n");
sb.append("}");
return sb.toString();
}

/**
* Convert the given object to string with each line indented by 4 spaces
* (except the first line).
*/
private String toIndentedString(java.lang.Object o) {
    if (o == null) {
        return "null";
    }
    return o.toString().replace("\n", "\n   ");
}

1.200 swagger-models 1.5.18
1.200.1 Available under license :
package io.swagger.models;

import com.fasterxml.jackson.annotation.JsonAnyGetter;
import com.fasterxml.jackson.annotation.JsonAnySetter;
import java.util.LinkedHashMap;
import java.util.Map;

public class License {
    private Map<String, Object> vendorExtensions = new LinkedHashMap<String, Object>();
    private String name;
    private String url;

    public License name(String name) {
        setName(name);
        return this;
    }

    public License url(String url) {
        setUrl(url);
        return this;
    }
}
public String getName() {
    return name;
}

public void setName(String name) {
    this.name = name;
}

public String getUrl() {
    return url;
}

public void setUrl(String url) {
    this.url = url;
}

@JsonAnyGetter
public Map<String, Object> getVendorExtensions() {
    return vendorExtensions;
}

@JsonAnySetter
public void setVendorExtension(String name, Object value) {
    if (name.startsWith("x-")) {
        vendorExtensions.put(name, value);
    }
}

public void setVendorExtensions(Map<String, Object> vendorExtensions) {
    this.vendorExtensions = vendorExtensions;
}

@Override
public int hashCode() {
    final int prime = 31;
    int result = 1;
    result = prime * result + ((name == null) ? 0 : name.hashCode());
    result = prime * result + ((url == null) ? 0 : url.hashCode());
    result = prime * result + ((vendorExtensions == null) ? 0 : vendorExtensions.hashCode());
    return result;
}

@Override
public boolean equals(Object obj) {
    if (this == obj) {
        return true;
    }
    return false;
}
if (obj == null) {
    return false;
}
if (getClass() != obj.getClass()) {
    return false;
}
License other = (License) obj;
if (name == null) {
    if (other.name != null) {
        return false;
    }
} else if (!name.equals(other.name)) {
    return false;
}
if (url == null) {
    if (other.url != null) {
        return false;
    }
} else if (!url.equals(other.url)) {
    return false;
}
if (vendorExtensions == null) {
    if (other.vendorExtensions != null) {
        return false;
    }
} else if (!vendorExtensions.equals(other.vendorExtensions)) {
    return false;
}
return true;
}
1.204 swagger-parser-v2-converter 2.0.0-rc3

1.205 swagger-parser-v3 2.0.0-rc3

1.206 symbol-observable 1.2.0
1.206.1 Available under license:

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1.207 system_info 0.0.16
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1.208 tcmalloc (including perftools and libunwind) 2.4.91

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1.211 typed_data 1.1.3

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1.214 vertx-auth-common 3.5.4

1.215 vertx-auth-jwt 3.5.4

1.216 vertx-bridge-common 3.5.4

1.217 vertx-core 3.5.4

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1.218 vertx-ignite 3.5.4
1.219 vertx-jwt 3.5.4

1.220 vertx-rx-java2 3.5.4

1.221 vertx-service-discovery 3.5.4

1.222 vertx-service-factory 3.5.4

1.223 vertx-service-proxy 3.5.4

1.224 vertx-web 3.5.4

1.225 vertx-web-api-contract 3.5.4

1.226 vue 2.5.16

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1.227 vue-apollo 3.0.0-beta.19

1.228 vue-clickaway 2.2.2

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