



Open Source Used In Cisco AppDynamics Database Agent 25.7

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In your requests please include the following reference number 78EE117C99-2530846768

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1.90 netty-codec-http 4.1.115.Final

1.90.1 Available under license

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1.93 oauth2-oidc-sdk 9.20
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1.94 mssql-jdbc 8.4.0.jre8
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1.160.1 Available under license
1.161 mysql-jdbc 9.3.0
1.161.1 Available under license

1.1 animal-sniffer-annotation 1.0

1.1.1 Available under license :

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head profile="http://www.w3.org/1999/xhtml/vocab">
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <link rel="shortcut icon" href="https://opensource.org/files/osi_favicon.png" type="image/png" />
  <meta name="HandheldFriendly" content="true" />
  <link rel="shortlink" href="/node/47" />
  <meta name="Generator" content="Drupal 7 (http://drupal.org)" />
  <link rel="canonical" href="/licenses/CDDL-1.0" />
  <meta name="MobileOptimized" content="width" />
  <title>Common Development and Distribution License (CDDL-1.0) | Open Source Initiative</title>
  <link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_xE-rWrJf-fncB6ztZfd2huxqgxu4WO-qwma6Xer30m4.css" media="all" />
  <link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_4p37TiWeuzRfdymI_lPgCuu6wEwSDhUquxUkHLI7QnU.css"
media="all" />
  <link type="text/css"
```

```

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media="all" />
<link type="text/css" rel="stylesheet" href="//maxcdn.bootstrapcdn.com/bootstrap/3.2.0/css/bootstrap.min.css"
media="all" />
<link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_KGZcOm3i1wmtbgZsjo-
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<link type="text/css" rel="stylesheet"
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media="all" />

<!--[if (lt IE 9)]>
<link type="text/css" rel="stylesheet" href="https://opensource.org/sites/all/themes/bootstrap-
business/css/ie8.css?ooglib" media="all" />
<![endif]-->

<!-- HTML5 element support for IE6-8 -->
<!--[if lt IE 9]>
<script src="//html5shiv.googlecode.com/svn/trunk/html5.js"></script>
<![endif]-->
<script type="text/javascript" src="//code.jquery.com/jquery-1.10.2.min.js"></script>
<script type="text/javascript">
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|| document.write("<script src='/sites/all/modules/jquery_update/replace/jquery/1.10/jquery.min.js'>\x3C/script>")
//--><![ ]>
</script>
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<script type="text/javascript" src="//maxcdn.bootstrapcdn.com/bootstrap/3.2.0/js/bootstrap.min.js"></script>
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jQuery(document).ready(function($) {
    $(window).scroll(function() {
        if($(this).scrollTop() != 0) {
            $("#toTop").fadeIn();
        } else {
            $("#toTop").fadeOut();
        }
    });

    $("#toTop").click(function() {
        $("body,html").animate({scrollTop:0},800);
    });

});
//--><![ ]>

```

```

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</head>
<body
class="html not-front not-logged-in no-sidebars page-node page-node- page-node-47 node-type-page" >
<div id="skip-link">
<a href="#main-content" class="element-invisible element-focusable">Skip to main content</a>
</div>
<div id="toTop"><span class="glyphicon glyphicon-chevron-up"></span></div>

<!-- #header-top -->
<div id="header-top" class="clearfix">
<div class="container">

<!-- #header-top-inside -->
<div id="header-top-inside" class="clearfix">
<div class="row">

```

```

        <div class="col-md-8">
        <!-- #header-top-left -->
        <div id="header-top-left" class="clearfix">
            <div class="region
region-header-top-left">
        <div id="block-menu-secondary-menu" class="block block-menu clearfix">

<div class="content">
    <ul class="menu"><li class="first leaf"><a href="/" title="">Home</a></li>
<li class="leaf"><a href="/blog" title="">From the Board</a></li>
<li class="leaf"><a href="/contact" title="">Contact</a></li>
<li class="last leaf"><a href="/civicrm/contribute/transact?reset=1&id=2" title="">Donate</a></li>
</ul> </div>
</div>
</div>
        </div>
        <!-- EOF:#header-top-left -->
    </div>

        <div class="col-md-4">
        <!-- #header-top-right -->
        <div id="header-top-right" class="clearfix">
            <div class="region region-header-top-right">
        <div id="block-search-form" class="block block-search clearfix">

<div class="content">
    <form action="/licenses/cddl1.php" method="post" id="search-block-form" accept-charset="UTF-8"><div><div
class="container-inline">
        <h2 class="element-invisible">Search form</h2>
        <div class="form-item form-type-textfield form-item-search-block-form">
<input onblur="if (this.value == &#039;&#039;) {this.value = &#039;Search this website...&#039;;}" onfocus="if
(this.value == &#039;Search this website...&#039;) {this.value = &#039;&#039;;}" type="text" id="edit-search-
block-form--2" name="search_block_form" value="Search this website..." size="15" maxlength="128"
class="form-text" />
        </div>
        <div class="form-actions form-wrapper" id="edit-actions"><input value="" type="submit" id="edit-submit"
name="op" class="form-submit" /></div><input type="hidden" name="form_build_id" value="form-
KxXCPRthSHIavIFsWuRt0aA5XfPKSjxX6XBfkcMCQPQ" />
        <input type="hidden" name="form_id" value="search_block_form" />
        </div>
    </div></form> </div>
</div>
</div>
        </div>
        <!-- EOF:#header-top-right -->

```

```

        </div>

    </div>
</div>
<!-- EOF: #header-top-inside -->

</div>
</div>
<!-- EOF: #header-top -->

<!-- header -->
<header id="header" role="banner" class="clearfix">
    <div class="container">

        <!-- #header-inside -->
        <div id="header-inside" class="clearfix">
            <div class="row">
                <div class="col-md-8">

                    <div id="logo">
                        <a href="/" title="Home" rel="home">  </a>
                    </div>

                    <div id="site-name">
                        <a href="/" title="Home">Open Source Initiative</a>
                    </div>

                </div>

                <div class="col-md-4">

            </div>
        </div>
    </div>
<!-- EOF: #header-inside
-->

</div>
</header>
<!-- EOF: #header -->

<!-- #main-navigation -->
<div id="main-navigation" class="clearfix">
    <div class="container">

```

```

<!-- #main-navigation-inside -->
<div id="main-navigation-inside" class="clearfix">
  <div class="row">
    <div class="col-md-12">
      <nav role="navigation">
        <div class="region region-navigation">
<div id="block-superfish-1" class="block block-superfish clearfix">

<div class="content">
  <ul id="superfish-1" class="menu sf-menu sf-navigation sf-horizontal sf-style-none sf-total-items-6 sf-parent-
items-6 sf-single-items-0"><li id="menu-37-1" class="first odd sf-item-1 sf-depth-1 sf-total-children-4 sf-parent-
children-2 sf-single-children-2 menuparent"><a href="/about" title="About the Open Source Initiative" class="sf-
depth-1 menuparent">About</a><ul><li id="menu-75-1" class="first odd sf-item-1 sf-depth-2 sf-no-children"><a
href="/history" title="History of the OSI" class="sf-depth-2">History</a></li><li id="menu-82-1" class="middle
even sf-item-2 sf-depth-2 sf-total-children-7 sf-parent-children-0 sf-single-children-7 menuparent"><a
href="/board" title="Board of Directors" class="sf-depth-2 menuparent">Board</a><ul><li id="menu-83-1"
class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/docs/board-annotated" title="OSI Board -- With
Annotations" class="sf-depth-3">Board - Annotated</a></li><li id="menu-96-1" class="middle even sf-item-2 sf-
depth-3 sf-no-children"><a href="/minutes" title="Public Minutes of Board Meetings" class="sf-depth-
3">Minutes</a></li><li id="menu-185-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children"><a
href="/organization" title="These portfolios represent the activities of the current OSI board." class="sf-depth-
3">Organization & Operations</a></li><li id="menu-95-1" class="middle even sf-item-4 sf-depth-3 sf-no-
children"><a href="/articles-of-incorporation"
title="OSI incorporation record" class="sf-depth-3">Articles of Incorporation</a></li><li id="menu-1475-1"
class="middle odd sf-item-5 sf-depth-3 sf-no-children"><a href="/elections" class="sf-depth-3">Board
Elections</a></li><li id="menu-84-1" class="middle even sf-item-6 sf-depth-3 sf-no-children"><a href="/bylaws"
title="Bylaws of the Open Source Initiative" class="sf-depth-3">Bylaws</a></li><li id="menu-1317-1" class="last
odd sf-item-7 sf-depth-3 sf-no-children"><a href="/conflict_of_interest_policy" title="" class="sf-depth-3">Conflict
of Interest</a></li></ul></li><li id="menu-1843-1" class="middle odd sf-item-3 sf-depth-2 sf-total-children-2 sf-
parent-children-0 sf-single-children-2 menuparent"><a href="/trademark" title="" class="sf-depth-2
menuparent">Trademark & Logo</a><ul><li id="menu-184-1" class="first odd sf-item-1 sf-depth-3 sf-no-
children"><a href="/trademark-guidelines" title="OSI's Trademark Policy" class="sf-depth-3">Trademark
Guidelines</a></li><li id="menu-183-1"
class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/logo-usage-guidelines" title="Guidelines for
appearance and usage of OSI Logo" class="sf-depth-3">Logo Guidelines</a></li></ul></li><li id="menu-126-1"
class="last even sf-item-4 sf-depth-2 sf-no-children"><a href="/ToS" title="Rules for posting content on this site"
class="sf-depth-2">Terms of Service</a></li></ul></li><li id="menu-65-1" class="middle even sf-item-2 sf-depth-
1 sf-total-children-5 sf-parent-children-3 sf-single-children-2 menuparent"><a href="/licenses" class="sf-depth-1
menuparent">Licenses</a><ul><li id="menu-61-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-1 sf-
parent-children-0 sf-single-children-1 menuparent"><a href="/osd" title="The actual OSD defining what constitutes
an Open Source licence" class="sf-depth-2 menuparent">Open Source Definition</a><ul><li id="menu-62-1"
class="firstandlast odd sf-item-1 sf-depth-3 sf-no-children"><a href="/osd-annotated" title="The OSD with
explanationations and rationale interspersed." class="sf-depth-3">OSD - Annotated</a></li></ul></li><li id="menu-
77-1" class="middle even sf-item-2 sf-depth-2 sf-no-children"><a href="/licenses/category" title="Licenses by
Category" class="sf-depth-2">Licenses by Category</a></li><li id="menu-72-1" class="middle odd sf-item-3 sf-
depth-2 sf-no-children"><a href="/licenses/alphabetical" title="Licenses that are approved by the OSI as conforming
to the OSD" class="sf-depth-2">Licenses by Name</a></li><li id="menu-66-1" class="middle even sf-item-4 sf-

```

depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent">License Review Process<li id="menu-67-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">Licence Proliferation<li id="menu-69-1" class="last even sf-item-2 sf-depth-3 sf-no-children">LP report to the Board<li id="menu-99-1" class="last odd sf-item-5 sf-depth-2 sf-total-children-4 sf-parent-children-0 sf-single-children-4 menuparent">Open Standards<li id="menu-101-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">The Open Standards Requirement<li id="menu-102-1" class="middle even sf-item-2 sf-depth-3 sf-no-children">Open Standards Requirement Compliance<li id="menu-100-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children">Open Standards Requirement Rationale<li id="menu-103-1" class="last even sf-item-4 sf-depth-3 sf-no-children">OSR Frequently Asked Questions<li id="menu-1842-1" class="middle odd sf-item-3 sf-depth-1 sf-total-children-3 sf-parent-children-2 sf-single-children-1 menuparent">Membership<li id="menu-914-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-1 sf-parent-children-0 sf-single-children-1 menuparent">Individuals<li id="menu-897-1" class="firstandlast odd sf-item-1 sf-depth-3 sf-no-children">Join<li id="menu-675-1" class="middle even sf-item-2 sf-depth-2 sf-total-children-3 sf-parent-children-0 sf-single-children-3 menuparent">Affiliates<li id="menu-676-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">Become an Affiliate<li id="menu-677-1" class="middle even sf-item-2 sf-depth-3 sf-no-children">List of Affiliates<li id="menu-2071-1" class="last odd sf-item-3 sf-depth-3 sf-no-children">Affiliate Criteria<li id="menu-1436-1" class="last odd sf-item-3 sf-depth-2 sf-no-children">Sponsors & Support<li id="menu-1841-1" class="middle even sf-item-4 sf-depth-1 sf-total-children-4 sf-parent-children-1 sf-single-children-3 menuparent">Community<li id="menu-63-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-4 sf-parent-children-0 sf-single-children-4 menuparent">Mailing lists<li id="menu-78-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">General Code of Conduct<li id="menu-1072-1" class="middle even sf-item-2 sf-depth-3 sf-no-children">Licensing Code of Conduct<li id="menu-2111-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children">Disclaimer for OSI Public Forums<li id="menu-2110-1" class="last even sf-item-4 sf-depth-3 sf-no-children">Policy on Public Communications and Archives<li id="menu-2032-1" class="middle even sf-item-2 sf-depth-2 sf-no-children">Volunteers<li id="menu-1846-1" class="middle odd sf-item-3 sf-


```

depth-2 sf-no-children"><a href="http://wiki.opensource.org" title="" class="sf-depth-2">Wiki</a></li><li
id="menu-1524-1" class="last even sf-item-4 sf-depth-2 sf-no-children"><a href="/store" class="sf-depth-2">OSI
Store</a></li></ul></li><li id="menu-1840-1" class="middle odd sf-item-5 sf-depth-1 sf-total-children-5 sf-parent-
children-1 sf-single-children-4 menuparent"><a href="/resources" title="Page offering resources to OSI personas"
class="sf-depth-1 menuparent">Resources</a><ul><li id="menu-342-1" class="first odd sf-item-1 sf-depth-2 sf-no-
children"><a href="/faq" title="Frequently Asked Questions about open source and about the OSI." class="sf-depth-
2">FAQ</a></li><li
id="menu-38-1" class="middle even sf-item-2 sf-depth-2 sf-no-children"><a href="/blog" title="A group blog /
aggregation point for OSI Board Member blogs" class="sf-depth-2">OSI Board Blog</a></li><li id="menu-45-1"
class="middle odd sf-item-3 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a
href="/help" title="Resources for questions and further exploration" class="sf-depth-2 menuparent">Getting
Help</a><ul><li id="menu-76-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/links"
title="Links and References to Open Source" class="sf-depth-3">Bibliography</a></li><li id="menu-125-1"
class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/advocacy/case_for_business.php" title="How to
advocate Open Source to businesses" class="sf-depth-3">Open Source Case for Business</a></li></ul></li><li
id="menu-1514-1" class="middle even sf-item-4 sf-depth-2 sf-no-children"><a href="/working_groups" class="sf-
depth-2">Working Groups</a></li><li
id="menu-12-1" class="last odd sf-item-5 sf-depth-2 sf-no-children"><a href="/osi-open-source-education"
title="OSI&#039;s Open Source Education Initiative and Activities" class="sf-depth-2">Open Source
Education</a></li></ul></li><li id="menu-1844-1" class="last even sf-item-6 sf-depth-1 sf-total-children-2 sf-
parent-children-0 sf-single-children-2 menuparent"><a href="/news" title="Page dedicated to the latest news and
events." class="sf-depth-1 menuparent">News & Events</a><ul><li id="menu-1845-1" class="first odd sf-
item-1 sf-depth-2 sf-no-children"><a href="/newsletters" title="Index of newsletters" class="sf-depth-
2">Newsletters</a></li><li id="menu-1999-1" class="last even sf-item-2 sf-depth-2 sf-no-children"><a
href="/events" class="sf-depth-2">Events</a></li></ul></li></ul> </div>
</div>
</div>
</nav>

</div>
</div>
</div>
<!-- EOF: #main-navigation-inside -->

</div>
</div>
<!--
EOF: #main-navigation -->

<!-- #page -->
<div id="page" class="clearfix">

<!-- #main-content -->
<div id="main-content">
<div class="container">

<!-- #messages-console -->

```

```

<!-- EOF: #messages-console -->

<div class="row">

<section class="col-md-12">

<!-- #main -->
<div id="main" class="clearfix">

<!-- EOF:#content-wrapper -->
<div id="content-wrapper">

<h1 class="page-title">Common Development and Distribution
License (CDDL-1.0)</h1>

<!-- #tabs -->

<div class="tabs">
</div>
<!-- EOF: #tabs -->

<!-- #action links -->
<!-- EOF: #action links -->

<div class="region region-content">
<div id="block-system-main" class="block block-system clearfix">

<div class="content">
<article id="node-47" class="node node-page clearfix">

<div class="content">
<div class="field field-name-body field-type-text-with-summary field-label-hidden"><div class="field-
items"><div class="field-item even"><div align="right">
<button onclick="myFunction()">Further resources on <b>CDDL-1.0</b></button>

<p id="demo"></p>

<script>
<!--/--><![CDATA[// ><!--

function myFunction() {

```

```

var x;
if (confirm("Disclaimer: While the OSI acknowledges these as potentially
helpful resources for the community, it does not endorse any content, contributors or license interpretations from
these websites. Any links to these resources across opensource.org are solely for navigational purposes. The OSI
does not promote or exclusively favor any of the mentioned resources, but instead provides them as separate third-
party resource to help inform your opinion. Any content from or links to these resources are separate from the OSI,
exist for purely informational purposes and creates no attorney-client relationship between you, the OSI or the
resources. If you have questions about how licenses apply to you or your organization, you should seek legal advice.
") == true) {
    x = "<br><p>The following are other community resources that may be helpful:<br><br><a
href=https://tldrlegal.com/license/common-development-and-distribution-license-%28cddl-1.0%29-explained
style='font-weight: bold;'>Common Development and Distribution License (CDDL-1.0) on TLDRLegal<br><a
href=http://www.gnu.org/licenses/license-list.en.html>GNU License List<br><a
href=https://en.wikipedia.org/wiki/Comparison_of_free_and_open-source_software_licenses>Wikipedia License
List<br><a href=http://oss-watch.ac.uk/apps/licdiff/>OSSWatch License Diff<br><a
href=choosealicense.com>Choosealicense";
    } else {
        x = " ";
    }
    document.getElementById("demo").innerHTML = x;
}

//--><![]]>
</script></div>

```

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE

Version 1.0 (CDDL-1.0)

text

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</div></div></div> </div>

</article> </div>

</div>

</div>

</div>

<!-- EOF:#content-wrapper -->

</div>

<!-- EOF:#main -->

</section>

</div>

</div>

</div>

<!-- EOF:#main-content -->

</div>

<!-- EOF:#page -->

<footer id="subfooter" class="clearfix">

<div class="container">

```

<!-- #subfooter-inside -->
<div id="subfooter-inside" class="clearfix">
  <div class="row">
    <div class="col-md-12">
      <!-- #subfooter-left -->
      <div class="subfooter-area">

        <div class="region region-footer">
<div id="block-block-11" class="block block-block clearfix">

<div class="content">
  <div class="filler" style="vertical-align: middle; display: inline-block;">
<p style="margin: 0pt auto; display: table-cell; text-align: center; vertical-align: middle;">
<a href="https://twitter.com/OpenSourceOrg" style="margin: 0pt auto; display: table-cell; text-align: center;
vertical-align: middle;"></a>

<a href="https://plus.google.com/+opensourceinitiative" style="margin: 0pt auto; display: table-cell; text-align:
center; vertical-align: middle;"></a>

<a href="https://www.linkedin.com/company/open-source-initiative-osi-" style="margin: 0pt auto; display: table-
cell; text-align: center; vertical-align: middle;"></a>

<a href="http://wiki.opensource.org" style="margin: 0pt auto; display: table-cell; text-align: center; vertical-align:
middle;"></a>

<a href="http://creativecommons.org/licenses/by/4.0/" style="margin: 0pt auto; display: table-cell; text-align:
center; vertical-align: middle;"></a>

<script
id="fbwiuwz">
<!--//--><![CDATA[// ><!--
(function(i){var
f,s=document.getElementById(i);f=document.createElement('iframe');f.src="//api.flattr.com/button/view/?uid=osi&u
rl=http%3A%2F%2Fopensource.org';f.title='Flattr';f.height=70;f.width=70;f.style.borderWidth=0;s.parentNode.inse
rtBefore(f,s);})('fbwiuwz');
//--><![]]>
</script></p>
</div>

<br /><div class="license" style="vertical-align: middle; display: inline-block;">

```

```

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</p>
<p>
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</div>
</div>
</div>
<div id="block-block-7" class="block block-block clearfix">

<div class="content">
  <script src="https://www.google-analytics.com/urchin.js" type="text/javascript">
<!--/--><![CDATA[// ><!--

//--><!]]>
</script><script type="text/javascript">
<!--/--><![CDATA[// ><!--

_uacct = "UA-3916956-1";
urchinTracker();

//--><!]]>
</script>
</div>
</div>
</div>

      </div>
      <!-- EOF: #subfooter-left -->
    </div>
  </div>
</div>
<!-- EOF: #subfooter-inside -->

</div>
</footer>
<!-- EOF:#subfooter -->
</body>
</html>

```

1.2 javax-ws-rs-api 2.1.1

1.3 commons-collections 4.4

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1.4 jnr-x86asm 1.0.2

1.5 guice-multibindings 4.1.0

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1.6 bean-validation-api 2.0.1.Final

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1.7 event-stream 1.0.1

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1.8 feign-core 8.18.0

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* /feign-core-8-18-0-sources-jar/feign/codec/DecodeException.java
* /feign-core-8-18-0-sources-jar/feign/Util.java
* /feign-core-8-18-0-sources-jar/feign/auth/BasicAuthRequestInterceptor.java
* /feign-core-8-18-0-sources-jar/feign/MethodMetadata.java
* /feign-core-8-18-0-sources-jar/feign/codec/EncodeException.java
*
/feign-core-8-18-0-sources-jar/feign/FeignException.java
* /feign-core-8-18-0-sources-jar/feign/Contract.java
* /feign-core-8-18-0-sources-jar/feign/RetryableException.java
* /feign-core-8-18-0-sources-jar/feign/Feign.java
* /feign-core-8-18-0-sources-jar/feign/codec/ErrorDecoder.java
* /feign-core-8-18-0-sources-jar/feign/Client.java
* /feign-core-8-18-0-sources-jar/feign/Response.java
* /feign-core-8-18-0-sources-jar/feign/RequestTemplate.java
* /feign-core-8-18-0-sources-jar/feign/auth/Base64.java
* /feign-core-8-18-0-sources-jar/feign/Request.java
* /feign-core-8-18-0-sources-jar/feign/ReflectiveFeign.java
* /feign-core-8-18-0-sources-jar/feign/codec/StringDecoder.java
* /feign-core-8-18-0-sources-jar/feign/Logger.java
* /feign-core-8-18-0-sources-jar/feign/Retryer.java
* /feign-core-8-18-0-sources-jar/feign/Target.java
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1.9 feign-jackson 8.18.0

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- * /feign-jackson-8-18-0-sources-jar/feign/jackson/JacksonDecoder.java
- * /feign-jackson-8-18-0-sources-jar/feign/jackson/JacksonEncoder.java

1.10 commons-lang3 3.5

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1.14 commons-logging 1.2

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* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/AvalonLogger.java
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* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/WeakHashtable.java

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* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogConfigurationException.java

* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Log4JLogger.java

* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogFactoryImpl.java

* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java

*

*/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/SimpleLog.java

* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk14Logger.java

* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogSource.java

* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/NoOpLog.java

* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogKitLogger.java

* /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/Log.java

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- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/package.html

1.15 commons-codec 1.14

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1.16 asm 8.0.1

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* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ConstantDynamic.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/CurrentFrame.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/MethodWriter.java
*
/asm-8-0-1-sources-2-jar/org/objectweb/asm/AnnotationWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/RecordComponentVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Frame.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Type.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/TypeReference.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ModuleVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Handle.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/FieldVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Opcodes.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Handler.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ClassTooLargeException.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Constants.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/MethodTooLargeException.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ClassWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Attribute.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Symbol.java
*
/asm-8-0-1-sources-2-jar/org/objectweb/asm/signature/SignatureWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/MethodVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ClassReader.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Edge.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ClassVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/AnnotationVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ModuleWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/FieldWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/SymbolTable.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/signature/SignatureReader.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/Context.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/ByteVector.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/signature/SignatureVisitor.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/RecordComponentWriter.java
* /asm-8-0-1-sources-2-jar/org/objectweb/asm/TypePath.java
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1.17 lang-tag 1.5

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* /lang-tag-1-5-jar/META-INF/maven/com.nimbusds/lang-tag/pom.xml

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Manifest-Version: 1.0

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Build-Date: \${timestamp}

Bundle-SymbolicName: lang-tag

Build-Number: \${buildNumber}

Built-By: vd

Bnd-LastModified: 1589293063595

Specification-Title: Nimbus LangTag

Implementation-Vendor-Id: com.nimbusds

Bundle-DocURL: <https://connect2id.com/>

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"

Export-Package: com.nimbusds.langtag;version="1.5"

Bundle-Name: Nimbus LangTag

Build-Tag: 1.5

Build-Jdk-Spec: 1.8

Implementation-Title: Nimbus LangTag

Bundle-Description: Java implementation of "Tags for Identifying Languages" (RFC 5646).

Implementation-Version: 1.5

Specification-Vendor: Connect2id Ltd.

Bundle-ManifestVersion: 2

Bundle-Vendor: Connect2id Ltd.

Tool: Bnd-2.4.1.201501161923

Implementation-Vendor: Connect2id Ltd.

Bundle-Version: 1.5.0

Created-By: Apache Maven Bundle Plugin

Specification-Version:

1.5

Build-Jdk: 1.8.0_252

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* /lang-tag-1-5-jar/META-INF/MANIFEST.MF

1.18 content-type 2.1

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Found in path(s):

* /content-type-2-1-sources-jar/com/nimbusds/common/contenttype/ContentType.java

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Found in path(s):

* /content-type-2-1-sources-jar/META-INF/maven/com.nimbusds/content-type/pom.xml

1.19 jsr311-api 1.1.1

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```

Found in path(s):

```

* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/POST.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/Path.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/MatrixParam.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/WebApplicationException.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/DELETE.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/Application.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/GET.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/Cookie.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/Provider.java
*
/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/QueryParam.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/UriBuilderException.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/FormParam.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/Produces.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/CacheControl.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/Variant.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/MediaType.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/SecurityContext.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/Encoded.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/OPTIONS.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/UriInfo.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/PathSegment.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/Context.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/CookieParam.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/EntityTag.java
*
/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/HttpMethod.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/Consumes.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/HEAD.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/HttpHeaders.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/MultivaluedMap.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/UriBuilder.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/DefaultValue.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/PUT.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/HeaderParam.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/NewCookie.java
* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/PathParam.java

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Found in path(s):

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Found in path(s):

* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/Request.java
 * /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/RuntimeDelegate.java
 * /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/ContextResolver.java
 * /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/FactoryFinder.java
 * /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ApplicationPath.java
 * /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/MessageBodyWriter.java
 * /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/StreamingOutput.java
 * /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/core/Response.java
 *

/jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/MessageBodyReader.java

* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/Providers.java

* /jsr311-api-1-1-1-sources-6-jar/javax/ws/rs/ext/ExceptionMapper.java

1.20 guice 5.0.1

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```
*/disruptor-3-4-4-sources-jar/com/lmax/disruptor/EventReleaseAware.java
*/disruptor-3-4-4-sources-jar/com/lmax/disruptor/EventReleaser.java
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* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/EventTranslatorThreeArg.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/BatchEventProcessor.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/dsl/EventHandlerGroup.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/LiteBlockingWaitStrategy.java
*
/disruptor-3-4-4-sources-jar/com/lmax/disruptor/EventTranslatorVararg.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/WorkerPool.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/EventTranslatorOneArg.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/WaitStrategy.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/EventHandler.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/dsl/ExceptionHandlerSetting.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/WorkProcessor.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/util/DaemonThreadFactory.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/util/Util.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/LifecycleAware.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/AlertException.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/AbstractSequencer.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/BlockingWaitStrategy.java
*
/disruptor-3-4-4-sources-jar/com/lmax/disruptor/YieldingWaitStrategy.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/EventTranslatorTwoArg.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/NoOpEventProcessor.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/SequenceBarrier.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/SingleProducerSequencer.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/PhasedBackoffWaitStrategy.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/RingBuffer.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/EventProcessor.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/BusySpinWaitStrategy.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/FatalExceptionHandler.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/dsl/ConsumerRepository.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/SequenceGroup.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/MultiProducerSequencer.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/SequenceReportingEventHandler.java
*
/disruptor-3-4-4-sources-jar/com/lmax/disruptor/EventTranslator.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/AggregateEventHandler.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/dsl/EventProcessorInfo.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/IgnoreExceptionHandler.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/dsl/Disruptor.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/ProcessingSequenceBarrier.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/SleepingWaitStrategy.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/EventFactory.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/ExceptionHandler.java

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```

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* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/Sequencer.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/DataProvider.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/SequenceGroups.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/Sequence.java
*
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/Cursored.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/FixedSequenceGroup.java
* /disruptor-3-4-4-sources-jar/com/lmax/disruptor/dsl/ProducerType.java

```

1.23 jnr-a64asm 1.0.0

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```

/*
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```

Found in path(s):

```

* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Util.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/OP.java
* /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Offset.java

```

- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Mem.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Post_index.java
- *
- /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Asm.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Register.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/PrefOp.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Assembler_A64.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/LABEL_STATE.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SerializerIntrinsics_a64.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/InstructionGroup.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/CodeBuffer.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/EXTEND_ENUM.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/InstructionDescription.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Shift.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SHIFT_ENUM.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/ERROR_CODE.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SIZE.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/CPU_A64.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Serializer.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/OperandFlags.java
- *
- /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/PRFOP_ENUM.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Logger.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Pre_index.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/CpuInfo.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Label.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Immediate.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Conditions.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Ext.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/REG.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Operand.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SysRegister.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SerializerCore.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/BaseReg.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/RelocData.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/CONDITION.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/PREF_ENUM.java
- *
- /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/RELOC_MODE.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/LinkData.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SYSREG_CODE.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/ExtendedValue.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SysRegDescription.java
- * /jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/INST_CODE.java

1.24 servlet-api 4.0.1

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1.25 cassandra-driver-core 3.11.0

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 */
/**
 * Special exception that gets emitted to {@link LatencyTracker}s with the latencies of cancelled
 * speculative executions. This allows those trackers to choose whether to ignore those latencies or
 * not.
 */
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/**

* Polynomial chosen from <https://users.ece.cmu.edu/~koopman/crc/index.html>, by Philip Koopman

*

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*

* <p>It is unclear if this copyright

can extend to a 'fact' such as this specific number,

* particularly as we do not use Koopman's notation to represent the polynomial, but we anyway

* attribute his work and link the terms of his license since they are not incompatible with our

* usage and we greatly appreciate his work.

*

* <p>This polynomial provides hamming distance of 8 for messages up to length 105 bits; we only

* support 8-64 bits at present, with an expected range of 40-48.

*/

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* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/GuavaCompatibility.java

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* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/ProtocolError.java

* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/TableMetadata.java

* /cassandra-driver-core-3-11-0-sources-

jar/com/datastax/driver/core/exceptions/UnsupportedProtocolVersionException.java

*

/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/LZ4Compressor.java

* /cassandra-driver-core-3-11-0-sources-

jar/com/datastax/driver/core/policies/PercentileSpeculativeExecutionPolicy.java

* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/TruncateException.java

* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/ReadFailureException.java

* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Frame.java

* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/Alter.java

* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/DCAwareRoundRobinPolicy.java

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- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/Create.java
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- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/PercentileTracker.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/BootstrappingException.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/DriverException.java
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- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/package-info.java
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- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/GettableByNameData.java
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- jar/com/datastax/driver/core/exceptions/InvalidConfigurationInQueryException.java
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- * /cassandra-driver-core-3-11-0-sources-
- jar/com/datastax/driver/core/exceptions/UnresolvedUserTypeException.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/TraceRetrievalException.java
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- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/KeyspaceMetadata.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/TokenAwarePolicy.java
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- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/AuthProvider.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/TypeCodec.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ExtendedAuthProvider.java
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- /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Session.java
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- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/AbstractReconnectionHandler.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/ColumnType.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/EndPoint.java
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- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/package-info.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/RoundRobinPolicy.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/SyntaxError.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/SchemaStatement.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SSLOptions.java
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- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/AbstractMonotonicTimestampGenerator.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/package-info.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Configuration.java
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- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/KeyspaceOptions.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/BusyConnectionException.java
- * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/HostConnectionPool.java

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* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/QueryValidationException.java
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* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/QueryConsistencyException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/utils/MoreObjects.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/FunctionExecutionException.java
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* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/CrcMismatchException.java
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* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SegmentToFrameDecoder.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/TransportException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/IndexMetadata.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Requests.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/WriteFailureException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ParseUtils.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/OverloadedException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SocketOptions.java
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/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/utils/Bytes.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/UnavailableException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SegmentToBytesEncoder.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ServerSideTimestampGenerator.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Statement.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/Assignment.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/UDTType.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Duration.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/BusyPoolException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/AlreadyExistsException.java
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/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/StatementStart.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/AbstractTableMetadata.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/Drop.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/AbstractCreateStatement.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SniSSLOptions.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ChainedResultSetFuture.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/OutboundTrafficMeter.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/UDTValue.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/CloudConfigFactory.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/PagingState.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/BatchStatement.java
*

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/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ReplicationFactor.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ColumnDefinitions.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/FramingFormatHandler.java
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 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/ChainableLoadBalancingPolicy.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ConvictionPolicy.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/CreateType.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/CreateIndex.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ProtocolOptions.java
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 /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/TranslatedAddressEndPoint.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/InvalidQueryException.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/TypeTokens.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/EndPointFactory.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/RollingCount.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SegmentCodec.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/RegularStatement.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ExecutionInfo.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/QueryOptions.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Responses.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SegmentBuilder.java
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 /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SchemaElement.java
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 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/LocalDate.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/Insert.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/DataType.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/FrameCompressor.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ThreadingOptions.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/PoolingOptions.java
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 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SettableByNameData.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/DefaultRetryPolicy.java
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 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/RemoteEndpointAwareJdkSSLOptions.java
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 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/package-info.java
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 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/EventDebouncer.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/DropKeyspace.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Metrics.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Clock.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/TokenRange.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/BoundStatement.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/FallthroughRetryPolicy.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/LoggingRetryPolicy.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/FunctionMetadata.java
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 /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/WriteTimeoutException.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SimpleStatement.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ClusterNameMismatchException.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ColumnMetadata.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SchemaParser.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/Clock.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/AbstractGettableData.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/WrappingEndPoint.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SchemaChangeListenerBase.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/PagingStateException.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/ExponentialReconnectionPolicy.java
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 /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/ReadTimeoutException.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/BuiltStatement.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/IgnoreJDK6Requirement.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ArrayBackedResultSet.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/DriverThrowables.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/MD5Digest.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SimpleJSONParser.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/AbstractGettableByIndexData.java
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 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/CloseFuture.java
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 /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/ConstantReconnectionPolicy.java
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 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/MaterializedViewMetadata.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Cluster.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/Clause.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/DirectedGraph.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SettableData.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/RequestHandler.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/Policies.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Utils/UUIDs.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/UnauthorizedException.java
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 /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/MessageToSegmentEncoder.java
 * /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/ReconnectionPolicy.java

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* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SettableByIndexData.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/LatencyAwarePolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/TableOptions.java
* /cassandra-driver-core-3-11-0-sources-
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* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/schemabuilder/CreateKeyspace.java
* /cassandra-driver-core-3-11-0-sources-
jar/com/datastax/driver/core/policies/ConstantSpeculativeExecutionPolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SnappyCompressor.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/Message.java
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* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/policies/ErrorAwarePolicy.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/Using.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ResultSet.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ResultSetFuture.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/querybuilder/Delete.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/SessionManager.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/MetricsUtil.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/DataTypeClassNameParser.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ExceptionCatchingRunnable.java
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/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/StreamIdGenerator.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/AtomicMonotonicTimestampGenerator.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/OperationTimedOutException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/TableOptionsMetadata.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/AuthenticationException.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/ControlConnection.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/PreparedId.java
* /cassandra-driver-core-3-11-0-sources-
jar/com/datastax/driver/core/policies/DowngradingConsistencyRetryPolicy.java
* /cassandra-driver-core-3-11-0-sources-
jar/com/datastax/driver/core/policies/EC2MultiRegionAddressTranslator.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/MetricsOptions.java
*
/cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/GettableByIndexData.java
* /cassandra-driver-core-3-11-0-sources-jar/com/datastax/driver/core/exceptions/UnsupportedFeatureException.java

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1.26 asm 9.2

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* /asm-9-2-sources-1-jar/org/objectweb/asm/AnnotationWriter.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ModuleWriter.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/SymbolTable.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/RecordComponentVisitor.java
*
/asm-9-2-sources-1-jar/org/objectweb/asm/Symbol.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/FieldVisitor.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/TypeReference.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Type.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/MethodTooLargeException.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Constants.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/signature/SignatureReader.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ByteVector.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/MethodWriter.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/TypePath.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ClassTooLargeException.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Opcodes.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/RecordComponentWriter.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/signature/SignatureWriter.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Label.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Context.java
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/asm-9-2-sources-1-jar/org/objectweb/asm/Handler.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/MethodVisitor.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ConstantDynamic.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Edge.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/AnnotationVisitor.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Attribute.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ClassVisitor.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Handle.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/CurrentFrame.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/Frame.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/signature/SignatureVisitor.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ModuleVisitor.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ClassWriter.java
* /asm-9-2-sources-1-jar/org/objectweb/asm/ClassReader.java
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1.27 jnr-constants 0.10.3

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* /jnr-constants-0-10-3-sources-jar/jnr/Constants/platform/ConstantResolver.java

* /jnr-constants-0-10-3-sources-jar/jnr/Constants/PlatformConstants.java

1.28 commons-dbcp 2.9.0

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1.29 commons-pool 2.10.0

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1.30 metrics 4.2.7

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Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics

Build-Jdk-Spec: 11

Bundle-Description: Metrics is a Java library which gives you unparalleled insight into what your code does in production. Metrics provides a powerful toolkit of ways to measure the behavior of critical components in your production environment.

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Bundle-ManifestVersion: 2

Bundle-Name: Metrics Core

Bundle-SymbolicName: io.dropwizard.metrics.core

Bundle-Version: 4.2.7

Created-By: Apache Maven Bundle Plugin

Export-Package: com.codahale.metrics;uses:="org.slf4j";version="4.2.7"

Implementation-Title: Metrics Core

Implementation-Version: 4.2.7

Import-Package: org.slf4j;version="[1.6.0,2.0.0)"
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-5.1.1.202006162103

Found in path(s):

* /metrics-core-4-2-7-jar/META-INF/MANIFEST.MF

1.31 jcip-annotation 1.0-1

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* /jcip-annotations-1-0-1-sources-jar/net/jcip/annotations/Immutable.java
* /jcip-annotations-1-0-1-sources-jar/net/jcip/annotations/NotThreadSafe.java
* /jcip-annotations-1-0-1-sources-jar/net/jcip/annotations/ThreadSafe.java
* /jcip-annotations-1-0-1-sources-jar/net/jcip/annotations/GuardedBy.java

1.32 jnr-posix 3.1.15

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1.33 feign-gson 8.18.0

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```
* /feign-gson-8-18-0-sources-jar/feign/gson/DoubleToIntMapTypeAdapter.java
* /feign-gson-8-18-0-sources-jar/feign/gson/GsonDecoder.java
* /feign-gson-8-18-0-sources-jar/feign/gson/GsonFactory.java
* /feign-gson-8-18-0-sources-jar/feign/gson/GsonEncoder.java
```

1.34 asm-tree 9.2

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* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/InnerClassNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/MethodInsnNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/RecordComponentNode.java
*
/asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/ClassNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/LineNumberNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/ParameterNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/TryCatchBlockNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/LocalVariableNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/VarInsnNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/Util.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/MethodNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/IntInsnNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/FieldInsnNode.java
* /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/AnnotationNode.java

- *
- /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/LdcInsnNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/InsnNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/JumpInsnNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/LabelNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/AbstractInsnNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/ModuleExportNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/TypeAnnotationNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/FrameNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/ModuleNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/ModuleRequireNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/InsnNode.java
- *
- /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/FieldNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/InsnList.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/TypeInsnNode.java
- * /asm-tree-9-2-sources-1-jar/org/objectweb/asm/tree/ModuleOpenNode.java

1.35 asm-commons 9.2

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/**  
 * Constructs a new {@link AnnotationRemapper}. <i>Subclasses must not use this constructor</i>.  
 * Instead, they must use the {@link #AnnotationRemapper(int,String,AnnotationVisitor,Remapper)}  
 * version.  
 *  
 * @param descriptor the descriptor of the  
visited annotation. May be {@literal null}.  
 * @param annotationVisitor the annotation visitor this remapper must delegate to.  
 * @param remapper the remapper to use to remap the types in the visited annotation.  
 */
```

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/**
```



```

* Constructs a new {@link LocalVariablesSorter}. <i>Subclasses must not use this constructor</i>.
* Instead, they must use the {@link #LocalVariablesSorter(int, int, String, MethodVisitor)}
* version.
*
* @param access access flags of the adapted
method.
* @param descriptor the method's descriptor (see {@link Type}).
* @param methodVisitor the method visitor to which this adapter delegates calls.
* @throws IllegalStateException if a subclass calls this constructor.
*/

```

Found in path(s):

```
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/LocalVariablesSorter.java
```

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Found in path(s):

```

* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/Method.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/StaticInitMerger.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/MethodRemapper.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/JSRInlinerAdapter.java
*
/asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/ModuleHashesAttribute.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/AdviceAdapter.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/SimpleRemapper.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/ClassRemapper.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/AnalyzerAdapter.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/ModuleResolutionAttribute.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/ModuleRemapper.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/SignatureRemapper.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/RecordComponentRemapper.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/ModuleTargetAttribute.java
*
/asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/TableSwitchGenerator.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/Remapper.java

```

```
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/FieldRemapper.java
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/InstructionAdapter.java
```

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

Found in path(s):

```
* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/GeneratorAdapter.java
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/**
 * Constructs a new {@link SerialVersionUIDAdder}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {@link #SerialVersionUIDAdder(int, ClassVisitor)}
 * version.
 *

```

```

* @param classVisitor a {@link ClassVisitor} to which
this visitor will delegate calls.
* @throws IllegalStateException If a subclass calls this constructor.
*/

```

Found in path(s):

```

* /asm-commons-9-2-sources-1-jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java

```

1.36 asm-analysis 9.2

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/**
 * Constructs a new {@link SourceInterpreter} for the latest ASM API version. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the {@link #SourceInterpreter(int)}
 * version.
 */

```

Found in path(s):

```

* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java

```

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/**
 * Constructs a new {@link BasicInterpreter} for the latest ASM API version. <i>Subclasses must

```

* not use this constructor</i>. Instead, they must use the {@link #BasicInterpreter(int)}
* version.
*/

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* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java

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* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/Analyzer.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/Subroutine.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/SourceValue.java
*
/asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/Value.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/BasicValue.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/Frame.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
* /asm-analysis-9-2-sources-1-jar/org/objectweb/asm/tree/analysis/Interpreter.java

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1.37 asm-util 9.2

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* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/CheckFieldAdapter.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/CheckClassAdapter.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/ASMifier.java
*
/asm-util-9-2-sources-1-jar/org/objectweb/asm/util/CheckRecordComponentAdapter.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/CheckModuleAdapter.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/TraceRecordComponentVisitor.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/CheckMethodAdapter.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/Printer.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/Textifier.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/TraceClassVisitor.java
* /asm-util-9-2-sources-1-jar/org/objectweb/asm/util/TraceModuleVisitor.java
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1.38 Iombok 1.18.24

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1.39 metrics-jmx 4.2.7

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1.40 adal4j 1.6.7

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```
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* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/DeviceCodeTokenErrorResponse.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/UserAssertion.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/UserDiscoveryRequest.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/DeviceCodeRequest.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/WSTrustVersion.java  
*  
/adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AdalCallable.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AdalOAuthRequest.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/WSTrustRequest.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/SAML11BearerGrant.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AdalOAuthAuthorizationGrant.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AdalErrorCode.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AuthenticationException.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AdalIntegratedAuthorizationGrant.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AdalDeviceCodeAuthorizationGrant.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AuthenticationResult.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/HttpHelper.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/ClientCredential.java  
*  
/adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/ClientAuthenticationPost.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/InstanceDiscoveryResponse.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/LogHelper.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/MexParser.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/StringHelper.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/BindingPolicy.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AuthenticationAuthority.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AuthenticationCallback.java  
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/ClientDataHttpHeaders.java
```

```

* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/SafeDocumentBuilderFactory.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/DeviceCode.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AcquireTokenCallable.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AdalClaimsChallengeException.java
*
/adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/JwtHelper.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/JsonHelper.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/NamespaceContextImpl.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/UserInfo.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AdalAuthorizationGrant.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AsymmetricKeyCredential.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AuthenticationErrorMessage.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/UserDiscoveryResponse.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AcquireDeviceCodeCallable.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AdalTokenRequest.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/ClientAssertion.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/WSTrustResponse.java
* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AuthorityType.java
*
/adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AuthenticationConstants.java
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/**
* The main class representing the authority issuing tokens for resources. It
* provides several ways to request access token, namely via Authorization Code,
* Confidential Client and Client Certificate.
*/

```

Found in path(s):

```

* /adal4j-1-6-7-sources-jar/com/microsoft/aad/adal4j/AuthenticationContext.java

```

1.41 listenablefuture 9999.0-empty-to-avoid-conflict-with-guava

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1.42 reactive-streams 1.0.4

1.42.1 Available under license :

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1.43 mongodb-driver-core 4.6.1

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- * <https://github.com/marianobarrios/tls-channel>
- */

Found in path(s):

```
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/WouldBlockException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/impl/TlsChannelImpl.java
*
/mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/internal/connection/tlschannel/async/ExtendedAsynchronousByteChannel.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/async/package-info.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/TrackingAllocator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsReadException.java
* /mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/internal/connection/tlschannel/TlsChannelFlowControlException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/BufferAllocator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/DirectBufferAllocator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/spi/dns/package-info.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/ServerTlsChannel.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/HeapBufferAllocator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannelBuilder.java
* /mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/internal/connection/tlschannel/TlsChannelCallbackException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/util/Util.java
* /mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannelGroup.java
* /mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannel.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannel.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferUtil.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/SniSslContextFactory.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsTaskException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/ClientTlsChannel.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/package-info.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/impl/TlsExplorer.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/impl/BufferHolder.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsWriteException.java
* /mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/internal/connection/tlschannel/util/DirectBufferDeallocator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferSet.java
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 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/ServerApi.java
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/TransactionOptions.java
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/WriteConcernHelper.java
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/ServerApiVersion.java
 *
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/lang/NonNull.java
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/lang/Nullable.java
 * /mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/internal/connection/ReadConcernAwareNoOpSessionContext.java
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/ServerVersionHelper.java
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/ReadPreferenceHedgeOptions.java
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ReadConcernHelper.java
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/client/AsyncClientSession.java
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/lang/package-info.java
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/lang/NonNullApi.java
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*/
/**
 * Returns an array containing all of the elements in this deque, in
 * proper sequence (from first to last element).
 *
 *
 * <p>The returned array will be "safe" in that no references to it are
 * maintained by this deque. (In other words, this method must allocate
 * a new array). The caller is thus free to modify the returned array.
 *
 * <p>This method acts as bridge between array-based and collection-based
 * APIs.
 *
 * @return an array containing all of the elements in this deque
 */

```

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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java

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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/annotations/Immutable.java
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/annotations/NotThreadSafe.java
 * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/annotations/ThreadSafe.java

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```
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/DefaultClusterFactory.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/CollationStrength.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/AbortTransactionOperation.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ByteBufferBsonOutput.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/ServerVersion.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/AsyncExplainableReadOperation.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/AggregateToCollectionOperation.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/BucketOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/Compressor.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/gridfs/codecs/package-info.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/AsyncAggregateResponseBatchCursor.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/OperationReadConcernHelper.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ClusterDescriptionHelper.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/inject/SameObjectProvider.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/UpdateManyModel.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/AsyncBatchCursor.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/changestream/ChangeStreamDocument.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ReplyHeader.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/AsyncCompletionHandler.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ClusterableServer.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/changestream/TruncatedArray.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/event/ServerListenerMulticaster.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/AggregateOperationImpl.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/ReadConcern.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/Pool.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ReplyMessage.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoNodeIsRecoveringException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/WriteProtocol.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoServerException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/SdamServerDescriptionManager.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/CollationMaxVariable.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/netty/NettyByteBuf.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/function/RetryState.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/InternalStreamConnection.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/BsonDocumentWrapperHelper.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/function/AsyncCallbackFunction.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/AuthenticationMechanism.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/TimeSeriesOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/Polygon.java
```

- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/client/package-info.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/event/EventListenerHelper.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/session/ServerSession.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/ChangeStreamBatchCursor.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/binding/ReadBinding.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/DefaultConnectionFactory.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/binding/AsyncReadBinding.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/package-info.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/bulk/package-info.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/codecs/MultiPointCodec.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/WriteConcern.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/ClusterType.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/CreateCollectionOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionPoolReadyEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ConnectionFactory.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/FindOneAndReplaceOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionPoolListener.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/BsonWriterHelper.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/FindOneAndUpdateOptions.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/changestream/OperationTypeCodec.java
- * /mongodb-driver-core-4-6-1-sources-
- jar/com/mongodb/client/model/changestream/ChangeStreamDocumentCodec.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/GeometryCollection.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/binding/AbstractReferenceCounted.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/MapReduceAsyncBatchCursor.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/DropCollectionOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ServerClosedEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoGridFSException.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/DefaultDnsSrvRecordMonitor.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/InsertOneModel.java
- *
- /mongodb-driver-core-4-6-1-sources-
- jar/com/mongodb/internal/validator/ReplacingDocumentFieldNameValidator.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/changestream/package-info.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/codecs/MultiPolygonCodec.java
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- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/gridfs/model/GridFSFile.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/binding/package-info.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/codecs/AbstractGeometryCodec.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/DistinctOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/Block.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoSocketWriteException.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/UpdateOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/selector/ServerSelector.java
- * /mongodb-driver-core-4-6-1-sources-
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- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/DBObject.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/CommandStartedEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/SendMessageCallback.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/management/ConnectionPoolStatistics.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoQueryException.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/ConnectionId.java
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- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionClosedEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/InternalConnectionInitializer.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/Window.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/Tag.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/binding/ClusterBinding.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/function/RetryingSyncSupplier.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/bulk/WriteConcernError.java
- * /mongodb-driver-core-4-6-1-sources-
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- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionRemovedEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/ReturnDocument.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/Position.java
- *
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- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/gridfs/codecs/GridFSFileCodec.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/IgnoreableRequestContext.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/KerberosSubjectProvider.java
- * /mongodb-driver-core-4-6-1-sources-
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- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/codecs/PolygonCodec.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionPoolClosedEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/gridfs/model/GridFSUploadOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/Function.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/IndexHelper.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionCheckOutStartedEvent.java
- *
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- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/function/LoopState.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/CommandProtocolImpl.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/ValidationLevel.java

- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/SocketStreamFactory.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/client/model/CountStrategy.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/InternalStreamConnectionFactory.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/MapReduceStatistics.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/vault/package-info.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/spi/dns/DnsWithResponseCodeException.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/InsertProtocol.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/TextSearchOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/TopologyVersion.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/result/InsertOneResult.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoTimeoutException.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/ListIndexesOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/DBRef.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/InsertOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionCreatedEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ResponseCallback.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/CreateIndexOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/ServerAddress.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/Geometry.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ServerHeartbeatFailedEvent.java
- * /mongodb-driver-core-4-6-1-sources-
- jar/com/mongodb/internal/selector/ReadPreferenceWithFallbackServerSelector.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/ServerConnectionState.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/OperationHelper.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ConnectionGenerationSupplier.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/inject/EmptyProvider.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/CountOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/CommandHelper.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ServerAddressHelper.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionCheckOutFailedEvent.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/UnixServerAddress.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/CompositeByteBuf.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/DropDatabaseOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/MixedBulkWriteOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/retry/AttachmentKeys.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/function/AsyncCallbackRunnable.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/binding/ClusterAwareReadWriteBinding.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/DeleteProtocol.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/LegacyProtocol.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/Jep395RecordCodecProvider.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionPoolClearedEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/MapReduceBatchCursor.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/changestream/UpdateDescription.java
- * /mongodb-driver-core-4-6-1-sources-

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jar/com/mongodb/internal/connection/LoadBalancedClusterableServerFactory.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ServerListener.java
* /mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/internal/connection/AsynchronousClusterEventListener.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoCompressor.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/DeleteManyModel.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/Stream.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/GSSAPIAuthenticator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/WriteConcernException.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoServerUnavailableException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/ChangeStreamBatchCursorHelper.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/UpdateOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/DocumentHelper.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ConnectionPool.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/DefaultServerMonitor.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/session/ClientSession.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/CreateViewOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/SplittablePayload.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/Sorts.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoConfigurationException.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoSocketClosedException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/CommandProtocol.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/ExplainHelper.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/function/AsyncCallbackSupplier.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/codecs/PointCodec.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/binding/AsyncReadWriteBinding.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/Operations.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/BasicDBList.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/EstimatedDocumentCountOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/TopologyVersionHelper.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/event/ClusterListenerMulticaster.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/bulk/BulkWriteError.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoConnectionPoolClearedException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ScramShaAuthenticator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/binding/SingleServerBinding.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/package-info.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/dns/DefaultDnsResolver.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/binding/AsyncWriteBinding.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/CollationCaseFirst.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/CommandFailedEvent.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/AsyncConnection.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/GetMoreProtocol.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoSocketReadException.java
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- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoIncompatibleDriverException.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/client/model/AggregationLevel.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/event/CommandListenerMulticaster.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/thread/DaemonThreadFactory.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/DBObjectFactory.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/Aggregates.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/DropIndexOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/DnsMultiServerCluster.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/result/UpdateResult.java
- *
- /mongodb-driver-core-4-6-1-sources-
- jar/com/mongodb/internal/operation/MapReduceInlineResultsAsyncCursor.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/function/AsyncCallbackBiFunction.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/changestream/OperationType.java
- * /mongodb-driver-core-4-6-1-sources-
- jar/com/mongodb/internal/connection/UsageTrackingInternalConnection.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/LoggingCommandEventSender.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/AbstractMultiServerCluster.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/SingleServerCluster.java
- * /mongodb-driver-core-4-6-1-sources-
- jar/com/mongodb/internal/connection/AsynchronousSocketChannelStream.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/TaggableReadPreference.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/binding/ReadWriteBinding.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoChangeStreamException.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/selector/LatencyMinimizingServerSelector.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/ValidationOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/WindowedComputation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/SslSettings.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/AbstractByteBufferBsonDocument.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/EventHelper.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/Indexes.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/MongoTimeUnit.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/IndexModel.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoBulkWriteException.java
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- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/SpeculativeAuthenticator.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/Accumulators.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/StreamFactoryFactory.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/RequestMessage.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ServerMonitor.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/ClusterConnectionMode.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/capi/MongoCryptHelper.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/MergeOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/selector/CompositeServerSelector.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoWriteConcernException.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/NativeAuthenticator.java
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* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/SocketStream.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/ContextProvider.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/ConnectionString.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/ReplaceOneModel.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/ClusterId.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/CreateIndexesOperation.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/codecs/GeometryEncoderHelper.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/UpdateOneModel.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/DefaultClusterableServerFactory.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/NoOpSessionContext.java
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/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/InternalConnection.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/CommandOperationHelper.java
* /mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/internal/async/function/RetryingAsyncCallbackSupplier.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/IndexOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/result/DeleteResult.java
* /mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/internal/connection/DefaultDnsSrvRecordMonitorFactory.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/SplittablePayloadBsonWriter.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/CommandListener.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/DefaultServer.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/AwsCredential.java
* /mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/connection/AsynchronousSocketChannelStreamFactory.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/codecs/MultiLineStringCodec.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/InsertMessage.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoClientException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/diagnostics/logging/SLF4JLogger.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/result/InsertManyResult.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/X509Authenticator.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/ReplaceOptions.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/spi/dns/DnsClient.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/CursorHelper.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoNamespace.java
* /mongodb-driver-core-4-6-1-sources-
jar/com/mongodb/internal/connection/DefaultSdamServerDescriptionManager.java
*
/mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ServerDescriptionHelper.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/ServerId.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/KillCursorsMessage.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/AsynchronousChannelStream.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/DuplicateKeyException.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionPoolListenerAdapter.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/GetMoreMessage.java
* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/management/ConnectionPoolStatisticsMBean.java

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- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/CompressedMessage.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/DnsSrvRecordInitializer.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/BulkWriteOptions.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/binding/TransactionContext.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/bulk/IndexRequest.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/QueryMessage.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/Facet.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/Windows.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/management/MBeanServerFactory.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/RenameCollectionOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/TimeSeriesGranularity.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/async/function/AsyncCallbackLoop.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/TagSet.java
- * /mongodb-driver-core-4-6-1-sources-
- jar/com/mongodb/internal/operation/MapReduceWithInlineResultsOperation.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/session/ClientSessionContext.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/ClusterDescription.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ClusterClosedEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/result/package-info.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/bulk/BulkWriteUpsert.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionReadyEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/PowerOfTwoBufferPool.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/binding/WriteBinding.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/CommandResultCallback.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/management/MBeanServer.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/PolygonCoordinates.java
- *
- /mongodb-driver-core-4-6-1-sources-
- jar/com/mongodb/client/model/geojson/codecs/NamedCoordinateReferenceSystemCodec.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/CommandEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/DeleteOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ClusterListener.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/Variable.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/FindAndReplaceOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/UnwindOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/Cluster.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/netty/NettyStreamFactoryFactory.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/CountOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/ValidationAction.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/TransactionOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/VisibleForTesting.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/selector/ServerAddressSelector.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/CommandMessage.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/gridfs/model/GridFSDownloadOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/diagnostics/logging/Loggers.java

- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/session/BaseClientSessionImpl.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/ServerDescription.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/MongoSocketReadTimeoutException.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/Timeout.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/FindAndUpdateOperation.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/CollationAlternate.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/ChangeStreamOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/StreamFactory.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/diagnostics/logging/Logger.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/connection/netty/NettyStream.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ConnectionAddedEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/SaslAuthenticator.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/package-info.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/Time.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ClusterOpeningEvent.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/BsonField.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/geojson/MultiPoint.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/authentication/AwsCredentialHelper.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/DropIndexOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/AsyncWriteOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/QueryHelper.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/DeleteOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/selector/PrimaryServerSelector.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/BsonWriterDecorator.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/FindAndDeleteOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/SnappyCompressor.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/BulkWriteBatchCombiner.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/client/model/InsertOneOptions.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/CommandEventSender.java
- * /mongodb-driver-core-4-6-1-sources-
- jar/com/mongodb/internal/operation/EstimatedDocumentCountOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/MapReduceToCollectionOperation.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/MessageSettings.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/DnsSrvRecordMonitorFactory.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/LoadBalancedServer.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/Server.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/InternalConnectionPoolSettings.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/operation/BaseWriteOperation.java
- *
- /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/AutoEncryptionSettings.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/management/package-info.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/CompressedHeader.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/connection/ServerTuple.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/inject/Provider.java
- * /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/internal/bulk/DeleteRequest.java

* /mongodb-driver-core-4-6-1-sources-jar/com/mongodb/event/ServerMonitorListenerAdapter.java

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* <https://github.com/marianobarrios/tls-channel>

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1.44 mongodb-driver-sync 4.6.1

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```
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoChangeStreamCursor.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoDatabase.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoDatabaseImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoCollectionImpl.java
*
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MapReduceIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSFindIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/Crypts.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSUploadStream.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoClient.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/package-info.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/ListDatabasesIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MapReduceIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSDownloadStreamImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSBuckets.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/package-info.java
*
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoClientImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/ClientSessionBinding.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/DistinctIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoMappingCursor.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/vault/ClientEncryptions.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoCursor.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoChangeStreamCursorImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSBucket.java
```

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* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/AggregateIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoCollection.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/DistinctIterable.java
*
/mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSFindIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/vault/package-info.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/ListCollectionsIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/ChangeStreamIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoClientDelegate.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/ListDatabasesIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/ListIndexesIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/CollectionInfoRetriever.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/CommandMarker.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSDownloadStream.java
*
/mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/ListCollectionsIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MappingIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/ListIndexesIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/FindIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/ClientEncryptionImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/ChangeStreamIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoClients.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/CryptBinding.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/MongoClientFactory.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/vault/ClientEncryption.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/Crypt.java
*
/mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/SynchronousContextProvider.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSUploadStreamImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/gridfs/GridFSBucketImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/CryptConnection.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/KeyRetriever.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/OperationExecutor.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/AggregateIterable.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/MongoBatchCursorAdapter.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/FindIterableImpl.java
* /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/KeyManagementService.java
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- * /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/package-info.java
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- * /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/internal/ClientSessionImpl.java
- * /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/ClientSession.java
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- /mongodb-driver-sync-4-6-1-sources-jar/com/mongodb/client/TransactionBody.java

1.45 jffi 1.3.10

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1.46 mongodb-driver-legacy 4.6.1

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```

Found in path(s):

```

* /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteRequestBuilder.java

```

- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/LazyDBList.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/CompoundDBObjectCodec.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBObjectCollationHelper.java
- *
- /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBCursor.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteResult.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/MongoClientOptions.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/gridfs/GridFSDBFile.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/gridfs/package-info.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCreateViewOptions.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/MongoCursorAdapter.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/InsertRequest.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCollectionCountOptions.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteError.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBEncoderAdapter.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBEncoder.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteUpsert.java
- *
- /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBDecoderAdapter.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkUpdateRequestBuilder.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCollectionRemoveOptions.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBEncoderFactoryAdapter.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/ReplaceRequest.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/UpdateRequest.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBCollection.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/Cursor.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DB.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBCallbackFactory.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/MapReduceOutput.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/MongoClientURI.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/QueryOperators.java
- *
- /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBDecoder.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBObject.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/jndi/package-info.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/LazyDBObject.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/gridfs/GridFSInputFile.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteOperation.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBDecoderFactory.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DefaultDBCallback.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/AggregationOptions.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/LazyDBCallback.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/UnacknowledgedBulkWriteResult.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/WriteRequest.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCollectionFindOptions.java
- *
- /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBEncoderFactory.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBCollectionObjectFactory.java

- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/LazyDBEncoder.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/CommandResult.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/LazyDBDecoder.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/jndi/MongoClientFactory.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/gridfs/GridFSFile.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCollectionFindAndModifyOptions.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCollectionDistinctOptions.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/InsertOptions.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DefaultDBDecoder.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteHelper.java
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- /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/MapReduceCommand.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/RemoveRequest.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/WriteResult.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/gridfs/GridFS.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/MongoClient.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/QueryBuilder.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/BulkWriteException.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/client/model/DBCollectionUpdateOptions.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/WriteConcernError.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/DBCallback.java
- * /mongodb-driver-legacy-4-6-1-sources-jar/com/mongodb/AcknowledgedBulkWriteResult.java
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1.47 metrics-annotation 4.2.7

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1.48 httpcomponents-core 4.4.16

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1.49 httpcomponents-client 4.5.14

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1.50 httpcomponents-mime 4.5.14

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1.51 error_prone_annotations 2.18.0

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Found in path(s):

* /error-prone-annotations-2-18-0-jar/META-INF/maven/com.google.errorprone/error_prone_annotations/pom.xml

1.52 gson 2.10.1

1.52.1 Available under license :

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

Manifest-Version: 1.0

Created-By: 11.0.16.1 (Azul Systems, Inc.)

Build-Jdk-Spec: 11

Bnd-LastModified: 1673019830620

Bundle-ContactAddress: <https://github.com/google/gson>

Bundle-Description: Gson JSON library

Bundle-Developers: google;organization=Google;organizationUrl="https://w

ww.google.com"
Bundle-DocURL: <https://github.com/google/gson/gson>
Bundle-License: "Apache-2.0";link="https://www.apache.org/licenses/LICEN
SE-2.0.txt"
Bundle-ManifestVersion: 2
Bundle-Name: Gson
Bundle-RequiredExecutionEnvironment: JavaSE-1.7, JavaSE-1.8
Bundle-SCM: url="https://github.com/google/gson/gson/",connection="scm:g
it:https://github.com/google/gson.git/gson",developer-connection="scm:g
it:git@github.com:google/gson.git/gson",tag="gson-parent-2.10.1"
Bundle-SymbolicName: com.google.gson
Bundle-Vendor: Google Gson Project
Bundle-Version: 2.10.1
Export-Package: com.google.gson;uses:="com.google.gson.reflect,com.googl
e.gson.stream";version="2.10.1",com.google.gson.annotations;version="2.
10.1",com.google.gson.reflect;version="2.10.1",com.google.gson.stream;v
ersion="2.10.1"
Import-Package: sun.misc;resolution:=optional,com.google.gson.annotation
s
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-6.4.0.202211291949
Multi-Release: true

Found in path(s):

* /gson-2-10-1-jar/META-INF/MANIFEST.MF

1.53 apache-log4j 2.20.0

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1.54 log4j-api 2.20.0

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 * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/FromNativeType.java
 * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/ToNativeType.java
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- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/MethodGenerator.java
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Found in path(s):

* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/AbstractReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Type.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Runtime.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/AbstractNumberReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Memory.java

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Found in path(s):

* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AsmClassLoader.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/AbstractMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/FromNativeContext.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/TypeMapper.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/PointerByReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Library.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/ToNativeContext.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/X86_64StubCompiler.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AllocatedDirectMemoryIO.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Clear.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ARM_64StubCompiler.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/CallingConvention.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/CodegenUtils.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/NativeLongByReference.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Direct.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AsmRuntime.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/MethodParameterContext.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/SkinnyMethodAdapter.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/AbstractRuntime.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AsmLibraryLoader.java

- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/BufferUtil.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/BadType.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/InvokerUtil.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Address.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/MethodResultContext.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/DelegatingMemoryIO.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/NativeLong.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AsmUtil.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/FloatByReference.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NativeRuntime.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/Provider.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/StdCall.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/IdentityFunctionMapper.java
- *
- /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/EnumMapper.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/JNINativeInterface.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/X86_32StubCompiler.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/SaveError.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/NulTerminate.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ByteBufferMemoryIO.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Out.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/AddressByReference.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/DoubleByReference.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/ShortByReference.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/FunctionMapper.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/AbstractBufferMemoryIO.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/BoundedMemoryIO.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/JNIInvokeInterface.java
- *
- /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NativeMemoryManager.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Synchronized.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/AbstractArrayMemoryIO.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Platform.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/DataConverter.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/IgnoreError.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/LongLongByReference.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/SymbolNotFoundError.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/InAccessibleMemoryIO.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Transient.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/LoadedLibrary.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NumberUtil.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/ToNativeConverter.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Pinned.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/StubCompiler.java
- *
- /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AbstractA64StubCompiler.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/NullTypeMapper.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/In.java

- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/LibraryOption.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/NullMemoryIO.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/InvocationSession.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AbstractX86StubCompiler.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/MemoryManager.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/Invoker.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Meta.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NativeLibrary.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/LastError.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/ShareMemoryIO.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/ByReference.java

- *
 - /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/ParameterFlags.java
 - * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/DirectMemoryIO.java
 - * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ArrayMemoryIO.java
 - * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/MemoryUtil.java
 - * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/LibraryLoader.java
 - * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/ByteByReference.java
 - * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/FromNativeConverter.java
 - * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/IntByReference.java

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- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/DefaultInvokerFactory.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/NativeInvocationHandler.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Pointer.java

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- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/ppc64le/linux/TypeAliases.java

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- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/ref/FinalizableWeakReference.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/ref/FinalizableSoftReference.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/ref/FinalizablePhantomReference.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/ref/FinalizableReference.java

*

/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/ref/FinalizableReferenceQueue.java

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- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/i386/midnightbsd/TypeAliases.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedLong32ArrayParameterConverter.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NoTrace.java
- *
- /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/Variable.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/byref/NumberByReference.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/i386/solaris/TypeAliases.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/darwin/TypeAliases.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NotImplMethodGenerator.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/sparc/solaris/TypeAliases.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/ppc64/aix/TypeAliases.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/SignatureTypeMapperAdapter.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/int8_t.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/u_int32_t.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/StringBuilderParameterConverter.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/arm/linux/TypeAliases.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedBooleanArrayParameterConverter.java
- *
- /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/time_t.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/Encoding.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NativeFinalizer.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/sa_family_t.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ClosureTypeMapper.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/ToNativeType.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/CompositeTypeMapper.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/fsblkcnt_t.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/int32_t.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedShortArrayParameterConverter.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/mips/linux/TypeAliases.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/uid_t.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/key_t.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/SignatureType.java
- *
- /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/SimpleNativeContext.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/StringResultConverter.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/aarch64/darwin/TypeAliases.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/mips64el/linux/TypeAliases.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/ppc/linux/TypeAliases.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/AbstractSignatureTypeMapper.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/i386/windows/TypeAliases.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/CachingTypeMapper.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/uintptr_t.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/Util.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/swblk_t.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/StructByReferenceFromNativeConverter.java
- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/i386/darwin/TypeAliases.java
- *

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/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/TransientNativeMemory.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/nlink_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/StructByReferenceToNativeConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/socklen_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedFloatArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/ppc64/ibmi/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/TypeAlias.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/dev_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/PointerParameterStrategy.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/DefaultSignatureType.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NullObjectParameterStrategy.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NativeFunctionMapperContext.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/InvalidProvider.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/linux/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/Annotations.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/DefaultTypeMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/in_addr_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/openbsd/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/windows/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedDoubleArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ParameterStrategy.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/size_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/NativeLongConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NoX86.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/ino_t.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/LocalVariableAllocator.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/HeapBufferParameterStrategy.java
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* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/mode_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedIntegerArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ReflectionVariableAccessorGenerator.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/Pointer32ArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/SignatureTypeMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/i386/openbsd/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/annotations/TypeDefinition.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/Pointer64ArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/blkcnt_t.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/u_int16_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/gid_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/in_port_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/NativeLong64ArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/midnightbsd/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/LocalVariable.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/off_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/ppc/darwin/TypeAliases.java

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* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/PrimitiveArrayParameterStrategy.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/int64_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/BufferParameterStrategy.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/StringUtil.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/i386/freebsd/TypeAliases.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/EnumConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/AsmStructByReferenceFromNativeConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/fsfilcnt_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/aarch64/freebsd/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/int16_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/FromNativeType.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/StringBufferParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/clock_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/ToNativeTypes.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/FromNativeTypes.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/VariableAccessorGenerator.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/freebsd/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/pid_t.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/util/AnnotationNameComparator.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/CharSequenceParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/CharSequenceArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/StructArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/InvokerTypeMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NativeClosureProxy.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/dragonfly/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/NativeLibraryLoader.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/ssize_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/mips64/linux/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/u_int8_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/caddr_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/s390/linux/TypeAliases.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/i386/linux/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/X86Disassembler.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ToNativeOp.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/intptr_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ClosureFromNativeConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedLong64ArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/id_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/NativeLong32ArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/AbstractToNativeType.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/LibraryLoader.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/sparcv9/solaris/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/rlim_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/blksizet_t.java
*

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/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/ino64_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/ReflectionLibraryLoader.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/AbstractFromNativeType.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/mipsel/linux/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/mapper/CompositeFunctionMapper.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/Long32ArrayParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/EnumSetConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/types/u_int64_t.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/InvalidRuntime.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/ByReferenceParameterConverter.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/x86_64/solaris/TypeAliases.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/Util.java
* /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/s390x/linux/TypeAliases.java
*
/jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/converters/BoxedByteArrayParameterConverter.java
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- * /jnr-ffi-2-2-13-sources-1-jar/jnr/ffi/provider/jffi/platform/loongarch64/linux/TypeAliases.java

1.57 slf4j 2.0.7

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1.58 jackson 2.15.1

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1.61 free-type 2.13.2

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```
# Files that don't get a copyright, or which are taken from elsewhere.
#
# All lines in this file are patterns (relative to the top-level directory),
# including the comment lines; this means that e.g. `FTL.TXT' matches all
# files that have this string in the file name (including the path relative
# to the current directory, always starting with `./').
#
# Don't put empty lines into this file!
#
builds/unix/pkg.m4
#
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
```

```
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/ftzconf.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
subprojects/dlg
#
#
EOF
```

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* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/J2ObjCIncompatible.java
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/RetainedWith.java
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/WeakOuter.java
*
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/ObjectiveCName.java
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/Property.java
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* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/OnDealloc.java
* /j2objc-annotations-2-8-sources-2-jar/com/google/j2objc/annotations/RetainedLocalRef.java

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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/util/LogStream.java

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* "Eric Glass" <jcifs at samba dot org>

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Found in path(s):

- *
- /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcConstants.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcPipeHandle.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/UUID.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcShareEnum.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcHandle.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrHyper.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrBuffer.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrLong.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcError.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcShareGetInfo.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/LsaPolicyHandle.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrException.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcBinding.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/UnicodeString.java
- *
- /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcBind.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcLookupSids.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcException.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcLsarOpenPolicy2.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrObject.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrSmall.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/DcerpcMessage.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/ndr/NdrShort.java

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```

```
package jcifs.smb;
```

```

class SmbComEcho extends ServerMessageBlock {

    int echoCount;

    SmbComEcho( int echoCount ) {
        command = SMB_COM_ECHO;
        this.echoCount = echoCount;
    }

    int writeParameterWordsWireFormat( byte[] dst, int dstIndex ) {
        writeInt2( echoCount, dst, dstIndex );
        return 2;
    }

    int writeBytesWireFormat( byte[] dst, int dstIndex ) {
        dst[dstIndex] = (byte)'M';
        return 1;
    }

    int readParameterWordsWireFormat( byte[] buffer, int bufferIndex ) {
        return 0;
    }

    int readBytesWireFormat( byte[] buffer, int bufferIndex ) {
        return 0;
    }

    public String toString() {
        return new String( "SmbComEcho[" +
            super.toString() +
            ",echoCount=" + echoCount + "]" );
    }
}

```

Found in path(s):

```

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComEcho.jav
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Found in path(s):

- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComTreeConnectAndX.java
- *
- /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComSessionSetupAndX.java
- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbException.java

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- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcDfsRootEnum.java

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Found in path(s):

- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcQueryInformationPolicy.java

- *

```
/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcSamrOpenAlias.java
```

- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/SamrAliasHandle.java

- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/SamrDomainHandle.java

- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcSamrConnect2.java

- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcGetMembersInAlias.java

- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/SamrPolicyHandle.java

- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcEnumerateAliasesInDomain.java

- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcSamrOpenDomain.java

- * /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/dcerpc/msrpc/MsrpcSamrConnect4.java

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```

Found in path(s):

```

/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/ntlmssp/Type3Message.java
/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/ntlmssp/Type2Message.java
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```

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```

```
package jcifs.smb;
```

```
import jcifs.Config;
```

```
public class BufferCache {
```



```

private
static final int MAX_BUFFERS = Config.getInt( "jcifs.smb.maxBuffers", 16 );

static Object[] cache = new Object[MAX_BUFFERS];
private static int freeBuffers = 0;

private static byte[] getBuffer0() {
    byte[] buf;

    if (freeBuffers > 0) {
        for (int i = 0; i < MAX_BUFFERS; i++) {
            if( cache[i] != null ) {
                buf = (byte[])cache[i];
                cache[i] = null;
                freeBuffers--;
                return buf;
            }
        }
    }

    buf = new byte[SmbComTransaction.TRANSACTION_BUF_SIZE];

    return buf;
}

static void getBuffers( SmbComTransaction req,
    SmbComTransactionResponse rsp ) throws InterruptedException {
    synchronized( cache ) {
        if (freeBuffers < 2) {
            /* The first time this is called we always wait because freeBuffers
            * will be 0. But after a few calls to releaseBuffer, threads
will
            * no longer wait.
            */
            cache.wait(100);
        }
        req.txn_buf = getBuffer0();
        rsp.txn_buf = getBuffer0();
    }
}

static public byte[] getBuffer() throws InterruptedException {
    synchronized( cache ) {
        if (freeBuffers < 1) {
            cache.wait(100);
        }
        return getBuffer0();
    }
}

```

```

    }
    static public void releaseBuffer( byte[] buf ) {
        synchronized( cache ) {
            for (int i = 0; i < MAX_BUFFERS; i++) {
                if (cache[i] == null) {
                    cache[i] = buf;
                    freeBuffers++;
                    cache.notify();
                    return;
                }
            }
        }
    }
}

```

Found in path(s):

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/BufferCache.jav

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package jcifs.smb;

class SmbComCheckDirectory extends ServerMessageBlock {

String directoryPath;

SmbComCheckDirectory(String directoryPath) {

command = SMB_COM_CHECK_DIRECTORY;

this.directoryPath = directoryPath;

}

```

int writeParameterWordsWireFormat( byte[] dst, int dstIndex ) {
    return 0;
}
int writeBytesWireFormat( byte[] dst, int dstIndex ) {
    int start = dstIndex;

    dst[dstIndex++] = (byte)0x04;
    dstIndex += writeString( directoryPath, dst, dstIndex );

    return dstIndex - start;
}
int readParameterWordsWireFormat( byte[] buffer, int bufferIndex ) {
    return 0;
}
int readBytesWireFormat( byte[] buffer, int bufferIndex ) {
    return 0;
}
public String toString() {
    return new String( "SmbComCheckDirectory[" +
        super.toString() +
        ",directoryPath=" + directoryPath + "]" );
}
}

```

Found in path(s):

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComCheckDirectory.jav

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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/util/RC4.java

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```

```
package jcifs.smb;
```

```
class SmbComEchoResponse extends ServerMessageBlock {

    int
    sequenceNumber;

    SmbComEchoResponse() {
    }

    int writeParameterWordsWireFormat( byte[] dst, int dstIndex ) {
        return 0;
    }
    int writeBytesWireFormat( byte[] dst, int dstIndex ) {
        return 0;
    }
    int readParameterWordsWireFormat( byte[] buffer, int bufferIndex ) {
        sequenceNumber = readInt2( buffer, bufferIndex );
        return 2;
    }
    int readBytesWireFormat( byte[] buffer, int bufferIndex ) {
        return 1;
    }
    public String toString() {
        return new String( "SmbComEchoResponse[" +
            super.toString() + "]" );
    }
}
```

Found in path(s):

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComEchoResponse.jav

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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/http/NtlmURLConnection.java

*

/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/ntlmssp/NtlmMessage.java

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/http/NtlmServlet.java

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/ntlmssp/Type1Message.java

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/http/Handler.java

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/https/Handler.java

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Found in

path(s):

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/util/Hexdump.java

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/Name.java

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/* Encodes and decodes to and from Base64 notation.

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 */
/**
 * Specifies that
 * communication across the authenticated channel
 * should be encrypted (message confidentiality).
 */
```

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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/ntlmssp/NtlmFlags.java
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Found in path(s):

```

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/NtlmChallenge.java
*
/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/DosError.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/WinError.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/NtStatus.java
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```

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbFileFilter.java
*
/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbFilenameFilter.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/DosFileFilter.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbRandomAccessFile.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2GetDfsReferralResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComWriteResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2SetFileInformationResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComWrite.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/DfsReferral.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2SetFileInformation.java

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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComQueryInformationResponse.java

*

```

/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransWaitNamedPipe.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/NameServiceClient.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2QueryFSInformation.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComWriteAndXResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/SocketInputStream.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComQueryInformation.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComReadAndX.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/NbtAddress.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComClose.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Handler.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComDeleteDirectory.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComWriteAndX.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbFile.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComTransaction.java
*
/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbTree.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2QueryPathInformationResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/UniAddress.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComOpenAndXResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Info.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/NbtSocket.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/ServerMessageBlock.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComBlankResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComDelete.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/SocketOutputStream.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComNTCreateAndX.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2QueryPathInformation.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/NetShareEnumResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransactNamedPipeOutputStream.java
*
/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComTreeConnectAndXResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComNegotiate.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransTransactNamedPipe.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2FindFirst2.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/NameQueryResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/NodeStatusRequest.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/NbtException.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransactNamedPipeInputStream.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComNegotiateResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2GetDfsReferral.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransCallNamedPipe.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComSessionSetupAndXResponse.java
*
/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComCreateDirectory.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/NameServicePacket.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/SessionRetargetResponsePacket.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/Config.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbSession.java

```

```

* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2FindFirst2Response.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/NodeStatusResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/SessionServicePacket.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/BufferCache.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComTransactionResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComTreeDisconnect.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComFindClose2.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2QueryFSInformationResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComOpenAndX.java
*
/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransTransactNamedPipeResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComRename.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/NetShareEnum.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/Trans2FindNext2.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbAuthException.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/SessionRequestPacket.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbFileOutputStream.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbFileInputStream.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransWaitNamedPipeResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransCallNamedPipeResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/AndXServerMessageBlock.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComLogoffAndX.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComNTCreateAndXResponse.java
*
/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComReadAndXResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/NameQueryRequest.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/netbios/Lmhosts.java
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/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/NetServerEnum2.java

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Found in path(s):

```
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/AllocInfo.java
*
/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransPeekNamedPipe.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/http/NetworkExplorer.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/TransPeekNamedPipeResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/util/MimeMap.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/NtlmAuthenticator.java
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*/
```

Found in path(s):

```
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComNtTransactionResponse.java
*
/jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SmbComNtTransaction.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/SecurityDescriptor.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/NtTransQuerySecurityDescResponse.java
* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/smb/NtTransQuerySecurityDesc.java
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```

```
/* HMACT64 keyed hashing algorithm
```

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* /jcifs-1-3-14-kohsuke-1-sources-1-jar/jcifs/util/HMACT64.java

1.64 bson 4.6.1

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1.65 zt 1.13

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 * /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/extra/ZipLong.java
 *
 /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/extra/ZipExtraField.java
 * /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/extra/ExtraFieldUtils.java
 * /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/extra/ZipShort.java
 * /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/extra/UnrecognizedExtraField.java
 * /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/extra/AsiExtraField.java
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 * /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/commons/IOUtils.java
 *
 /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/commons/FileUtilsV2_2.java
 * /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/commons/FileExistsException.java
 * /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/commons/FilenameUtils.java
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* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/Zips.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ZTFileUtil.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ZipEntrySource.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ZipUtil.java
*
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ZipInfoCallback.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/timestamps/PreJava8TimestampStrategy.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ByteSource.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/timestamps/TimestampStrategy.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/timestamps/TimestampStrategyFactory.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ZipEntryCallback.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/ZipEntryUtil.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/IdentityNameMapper.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/timestamps/Java8TimestampStrategy.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/FileSource.java
* /zt-zip-1-13-sources-3-jar/org/zeroturnaround/zip/NameMapper.java

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1.66 nimbus-jose-jwt 9.37.3

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* /nimbus-jose-jwt-9-37-3-sources-
jar/com/nimbusds/jose/jwk/source/JWKSetSourceWithHealthStatusReporting.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/JWKSourceBuilder.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/RateLimitReachedException.java
*
/nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/CachingJWKSetSource.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/JWKSetSourceWrapper.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/package-info.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/URLBasedJWKSetSource.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/OutageTolerantJWKSetSource.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/RetryingJWKSetSource.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/AbstractCachingJWKSetSource.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/JWKSetSource.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/JWKSetUnavailableException.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/RateLimitedJWKSetSource.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/RefreshAheadCachingJWKSetSource.java

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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/mint/package-info.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JSONSerializable.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/ECDH1PUX25519Encrypter.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/ECDH1PUCryptoProvider.java
*
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/ECDH1PUX25519Decrypter.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/ECDH1PUDecrypter.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/XC20P.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/ECDH1PU.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/ECDH1PUEncrypter.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/Pair.java

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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/JOSEObjectTypeVerifier.java

* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/JWKSecurityContextJWKSet.java

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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/DirectCryptoProvider.java

* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/events/Event.java

```

*
/nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/IntegerOverflowException.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/Container.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/JWKException.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/IOUtils.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/IllegalHeaderException.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/gen/OctetSequenceKeyGenerator.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/cache/CachedObject.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/AESGCM.java
* /nimbus-jose-jwt-9-37-3-sources-
jar/com/nimbusds/jose/jwk/source/ReferenceComparisonRefreshJWKSetEvaluator.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/KeyUtils.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/gen/ECKKeyGenerator.java
*
/nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/ECDSAProvider.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/ECDSA.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/AESEncrypter.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/EdDSAProvider.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/health/HealthReportListener.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/LegacyAESGCM.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/PasswordBasedCryptoProvider.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/Curve.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/OctetKeyPair.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/KeyUseAndOpsConsistency.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/package-info.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/AESGCMKW.java
*
/nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/CompletableJWSObjectSigning.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/JWKSetCache.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/cache/package-info.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/RSASSA.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/RSAPKeyUtils.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/produce/JWSSignerFactory.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/ConcatKDF.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/NoRefreshJWKSetCacheEvaluator.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/MultiCryptoProvider.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/AuthenticatedCipherText.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/health/HealthStatus.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/AESCryptoProvider.java
*
/nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/RSACryptoProvider.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/gen/package-info.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/events/package-info.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/AESCBC.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/CompositeKey.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/CipherHelper.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/JWKSetWithTimestamp.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/AlgorithmParametersHelper.java

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- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/proc/JWTClaimsSetAwareJWSKeySelector.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/opts/UserAuthenticationRequired.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/opts/AllowWeakRSAKey.java
- *
- /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/gen/JWKGenerator.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/DeflateHelper.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/BaseJWSProvider.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/ContentCryptoProvider.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/health/HealthReport.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JWSSignerOption.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/health/package-info.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/JSONStringUtils.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/JWEHeaderValidation.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/ActionRequiredForJWSCompletionException.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/RSA_OAEP_SHA2.java
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- /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/opts/package-info.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/AAD.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/BaseJWEProvider.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/LegacyConcatKDF.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/AbstractJWKSetSourceEvent.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/opts/OptionUtils.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/events/EventListener.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/ConstantTimeUtils.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/RSA_OAEP.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/ThumbprintURI.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/PBKDF2.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/ECChecks.java
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- /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/DefaultJOSEObjectTypeVerifier.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/RSA1_5.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/ECDH.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/produce/package-info.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/PEMEncodedKeyParser.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/PRFParams.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/AESKW.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/BoundedInputStream.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/DefaultJWKSetCache.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/CurveBasedJWK.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/PasswordLookup.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/package-info.java
- *
- /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/JWKSecurityContext.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/gen/RSAKeyGenerator.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/AlgorithmSupportMessage.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/ForceRefreshJWKSetCacheEvaluator.java
- * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/impl/CriticalHeaderParamsDeferral.java

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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JWEObjectJSON.java

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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/Ed25519Verifier.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/Base64Codec.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/JWKSet.java
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/nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/Ed25519Signer.java
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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/RSADecrypter.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/JWKMetadata.java
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/nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/RSASSAVerifier.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/KeyConverter.java
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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/ImmutableSecret.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jca/JCAContext.java

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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/Base64URL.java
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 * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/PasswordBasedEncrypter.java
 * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/MultiEncrypter.java
 * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/BadJOSEException.java
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 * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/factories/DefaultJWEDecrypterFactory.java
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 * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JWEAlgorithm.java
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 * /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/RemoteKeySourceException.java
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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jca/JWEJCAContext.java
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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/proc/DefaultJWTClaimsVerifier.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/EncryptedJWT.java
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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/CriticalHeaderParamsAware.java
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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/CompressionAlgorithm.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/ResourceRetriever.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JOSEException.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/DateUtils.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/JWK.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/KeyUse.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/PasswordBasedDecrypter.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/factories/DefaultJWSVerifierFactory.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/DefaultResourceRetriever.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/proc/JWTProcessor.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JOSEObjectType.java
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/nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/RSASSASigner.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/SecurityContext.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JWECryptoParts.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/ECKKey.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/PlainObject.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/KeyType.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/proc/JWTClaimsSetVerifier.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JWSSigner.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/util/DateUtils.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/KeyLengthException.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JWSAlgorithm.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/proc/JWTProcessorConfiguration.java
*
/nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/RemoteJWKSet.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/package-info.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/SecretJWK.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/MACVerifier.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JOSEObjectJSON.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/AsymmetricJWK.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/proc/BadJWTException.java

```

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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/source/JWKSource.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/X509CertChainUtils.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/Requirement.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/JWKSelector.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/X25519Encrypter.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JWEDecrypter.java
*
/nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/KeyException.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/AESDecrypter.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/package-info.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/RestrictedResourceRetriever.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/JWSKeySelector.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/KeyOperation.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/PlainHeader.java
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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/AlgorithmFamily.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/proc/package-info.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/ArrayUtils.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/JWEDecrypterFactory.java
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/nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/OctetSequenceKey.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/Payload.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/jwk/ThumbprintUtils.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/SignedJWT.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JWSVerifier.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/JOSEProcessor.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/ECDSAVerifier.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/JWTParser.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/ECDHDecrypter.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/BadJWEException.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/JOSEObject.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/JWTClaimsSet.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/Algorithm.java
*
/nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/X509CertUtils.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/util/package-info.java

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* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/JWSVerificationKeySelector.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/JWEDecryptionKeySelector.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/JOSEProcessorConfiguration.java
*
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jwt/proc/DefaultJWTProcessor.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/crypto/ECDHEEncrypter.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/JWSAlgorithmFamilyJWSKeySelector.java
* /nimbus-jose-jwt-9-37-3-sources-jar/com/nimbusds/jose/proc/DefaultJOSEProcessor.java

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1.67 ojdbc8 23.3.0.23.09

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

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1.75 jsch 0.2.17

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```

1.76 checker-qual 3.42.0

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1.77 jsr305 3.0.2

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 * Official home: http://www.jcip.net  
 */
```

Found in path(s):

```
* /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/Immutable.java  
* /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/GuardedBy.java  
* /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/NotThreadSafe.java  
* /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/ThreadSafe.java
```

1.78 postgres-sql 42.7.2

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1.79 commons-codec 1.17.1

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1.80 alpine-keys 2.5-r0

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Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=alpine-keys

pkgver=2.5

pkgrel=0

pkgdesc="Public keys for Alpine Linux packages"

url="https://alpinelinux.org"

we install arch specific keys to /etc so we cannot do arch=noarch

arch="all"

license="MIT"

replaces="alpine-base"

1.81 vault-java-driver 5.4.0

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* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/JsonWriter.java
* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/ParseException.java
* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/JsonParser.java
* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/JsonValue.java
* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/JsonArray.java
* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/JsonNumber.java
* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/JsonLiteral.java
*

/vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/JsonString.java

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* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/WriterConfig.java
* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/WritingBuffer.java
* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/PrettyPrint.java
* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/Json.java

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```
/**
 * <p>Intended for internal use by other classes within the Vault driver library.</p>
 *
 * <p>JSON parsing functionality. The classes in this package are adapted from Ralf Sternberg's
 * excellent <a href="https://github.com/ralfstx/minimal-json">"minimal-json"</a> library, available
 * under the MIT License. The package names have all been changed, to prevent any conflicts should
 * you happen to be using a different version of this library elsewhere in your project
 * dependencies.</p>
 */
```

Found in path(s):

* /vault-java-driver-5-4-0-sources-jar/io/github/jopenlibs/vault/json/package-info.java

1.82 zlib 1.3.1-r2

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1.83 protobuf-java 4.28.2

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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Reader.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/FieldSet.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SchemaUtil.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UninitializedMessageException.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtoSyntax.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/DiscardUnknownFieldsParser.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageReflection.java
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- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/FieldInfo.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchemas.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcCallback.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapEntry.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CodedInputStreamReader.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcChannel.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtocolMessageEnum.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AllocatedBuffer.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldBuilder.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtobufArrayList.java

- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/FieldType.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AbstractParser.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Internal.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/GeneratedMessage.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ByteOutput.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RopeByteString.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnsafeByteOperations.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemas.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AbstractMessage.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistryFactory.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SchemaFactory.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSchema.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemaFull.java
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- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TextFormatEscaper.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/DynamicMessage.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AbstractMessageLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ArrayDecoders.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BinaryReader.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ListFieldSchemaFull.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnmodifiableLazyStringList.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Descriptors.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/IntArrayList.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LazyField.java
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- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistryLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TextFormatParseInfoTree.java

- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CompileTimeConstant.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnsafeUtil.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Android.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Service.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RuntimeVersion.java
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- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Message.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSetSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ByteBufferWriter.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcController.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionSchemaFull.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BlockingService.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CodedOutputStream.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Schema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TextFormatParseLocation.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/InlineMe.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LazyStringList.java
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- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchemaLite.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TypeRegistry.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CanIgnoreReturnValue.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/PrimitiveNonBoxingCollection.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcUtil.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ByteString.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchemaFull.java
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- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LazyFieldLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Extension.java
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- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MutabilityOracle.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/OneofInfo.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Parser.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BufferAllocator.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapEntryLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtocolStringList.java

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* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ManifestSchemaFactory.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionLite.java
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*
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* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BooleanArrayList.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSetLiteSchema.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/GeneratedMessageInfoFactory.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageLiteToString.java
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* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageLiteOrBuilder.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageInfoFactory.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LongArrayList.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CheckReturnValue.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/DescriptorMessageInfoFactory.java
*
/protobuf-java-4-28-2-sources-jar/com/google/protobuf/RawMessageInfo.java
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* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/GeneratedMessageV3.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SingleFieldBuilderV3.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RepeatedFieldBuilderV3.java

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1.84 commons-io 2.17.0

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1.85 asm 9.7.1

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* /asm-9-7-1-sources-jar/org/objectweb/asm/ConstantDynamic.java
*
/asm-9-7-1-sources-jar/org/objectweb/asm/Attribute.java
* /asm-9-7-1-sources-jar/org/objectweb/asm/TypeReference.java
* /asm-9-7-1-sources-jar/org/objectweb/asm/ClassVisitor.java
* /asm-9-7-1-sources-jar/org/objectweb/asm/MethodTooLargeException.java
* /asm-9-7-1-sources-jar/org/objectweb/asm/Handle.java
* /asm-9-7-1-sources-jar/org/objectweb/asm/AnnotationVisitor.java
* /asm-9-7-1-sources-jar/org/objectweb/asm/Label.java
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* /asm-9-7-1-sources-jar/org/objectweb/asm/MethodVisitor.java
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- * /asm-9-7-1-sources-jar/org/objectweb/asm/Context.java
- * /asm-9-7-1-sources-jar/org/objectweb/asm/AnnotationWriter.java
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- * /asm-9-7-1-sources-jar/org/objectweb/asm/Edge.java
- * /asm-9-7-1-sources-jar/org/objectweb/asm/Handler.java
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xwd v1.0.7

xwd utility

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## Thai Dictionary

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include/GL/gltext.h  
include/GL/wgltext.h :

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LZ4io.c - LZ4 File/Stream Interface

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## SipHash v1.0-68c8a7c

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|----------------|--------------------|----------------|
| -----          |                    |                |
| Main Mesa code | src/mesa/          | MIT            |
| Device drivers | src/mesa/drivers/* | MIT, generally |
| Gallium code   | src/gallium/       | MIT            |
| Ext headers    | GL/glext.h         | Khronos        |
|                | GL/glxt.h          | Khronos        |
|                | GL/wglxt.h         | Khronos        |
|                | KHR/khrplatform.h  | Khronos        |

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----

include/GL/gl.h :

Mesa 3-D  
graphics library

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include/GL/glex.h  
include/GL/glxext.h  
include/GL/wglxext.h :

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tree/README

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current as well as long time former maintainer of giflib code

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tree/openbsd-reallocarray.c

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# 1.89 free-type 17.0.13+11

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2006-Jan-27

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#

builds/unix/pkg.m4

#

docs/FTL.TXT

docs/GPLv2.TXT

#

include/freetype/internal/fthash.h

#

src/base/fthash.c

src/base/md5.c

src/base/md5.h

#

src/bdf/bdf.c

src/bdf/bdf.h

src/bdf/bdfdrivr.c

src/bdf/bdfdrivr.h

src/bdf/bdferror.h

src/bdf/bdfplib.c

src/bdf/module.mk

src/bdf/README

src/bdf/rules.mk

#

src/pcf/module.mk

src/pcf/pcf.c

src/pcf/pcf.h

src/pcf/pcfdrivr.c

src/pcf/pcfdrivr.h

src/pcf/pcferror.h

src/pcf/pcfread.c

src/pcf/pcfread.h

src/pcf/pcfutil.c

src/pcf/pcfutil.h

src/pcf/README

src/pcf/rules.mk

#

src/gzip/adler32.c

src/gzip/infblock.c

src/gzip/infblock.h

src/gzip/infcodes.c

src/gzip/infcodes.h

src/gzip/inffixed.h

src/gzip/inflate.c

src/gzip/inftrees.c

src/gzip/inftrees.h

src/gzip/infutil.c

src/gzip/infutil.h

src/gzip/zconf.h

src/gzip/zlib.h

src/gzip/zutil.c

src/gzip/zutil.h

#

src/tools/apinames.c

src/tools/ftrandom/ftrandom.c

#

subprojects/dlg

#

#

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Found in path(s):

```
/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpContentEncoder.java
/netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshakerFactory.java
```

```

* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/DefaultHttpRequest.java
*
/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpResponseEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpResponse.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/QueryStringDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/Cookie.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/PingWebSocketFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspResponseStatuses.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/spdy/SpdyHttpResponseStreamIdHandler.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdySettingsFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/DefaultHttpResponse.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/AbstractMemoryHttpData.java
*
/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HTTPHeaderDateFormat.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpResponseDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/MemoryFileUpload.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspObjectDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/multipart/HttpPostStandardRequestDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdySession.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspMethods.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpMethod.java
*
/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/CaseIgnoringComparator.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/AbstractDiskHttpData.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/InternalAttribute.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/DefaultCookie.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpServerCodec.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpObjectDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpObjectEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspResponseDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/FileUpload.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/multipart/HttpPostMultipartRequestDecoder.java
*
/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/package-info.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/InterfaceHttpData.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/HttpData.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHttpHeaders.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpContentDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/PongWebSocketFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpRequest.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketVersion.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/package-info.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpVersion.java

```

\*  
 /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/MixedAttribute.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpObjectAggregator.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/CookieDecoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspVersions.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/QueryStringEncoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/MemoryAttribute.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker13.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspRequestDecoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/package-info.java  
 \*  
 /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpRequestDecoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameEncoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/DefaultHttpContent.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/AbstractHttpData.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker00.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketUtil.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/DefaultHttpMessage.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/DefaultHttpHeaders.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpHeaders.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/BinaryWebSocketFrame.java  
 \*  
 /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpObject.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpContentDecompressor.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/HttpPostRequestDecoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/package-info.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpClientCodec.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHttpEncoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpMessage.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketFrame.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker07.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketHandshakeException.java  
 \*  
 /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspObjectEncoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker08.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/HttpPostRequestEncoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpRequestEncoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/DiskAttribute.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpResponseStatus.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/DefaultHttpDataFactory.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/DefaultHttpDataFactory.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/DefaultHttpDataFactory.java

```

jar/io/netty/handler/codec/http/websocketx/ContinuationWebSocketFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/TextWebSocketFrame.java
*
/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/LastHttpContent.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/package-info.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpContent.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/DefaultLastHttpContent.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpContentCompressor.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspRequestEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/DefaultHttpObject.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/Attribute.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/multipart/InterfaceHttpPostRequestDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspResponseEncoder.java
*
/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/HttpPostBodyUtil.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/MixedFileUpload.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/DiskFileUpload.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspHeaders.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpConstants.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/HttpDataFactory.java
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```
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameDecoder.java
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```
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```
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```
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameEncoder.java
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Found in path(s):

```
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshakeException.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/DeleteFileOnExitHook.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakeException.java
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- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/cors/CorsHandler.java

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Found in path(s):

- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/TooLongHttpContentException.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/TooLongHttpLineException.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpHeaderValidationUtil.java

\*

/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/TooLongHttpHeaderException.java  
\* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/AbstractMixedHttpData.java

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Found in path(s):

```

* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyRstStreamFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyWindowUpdateFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdySessionHandler.java
*
/netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandshakeHandler.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHttpCodec.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyVersion.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/FullHttpRequest.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdySynStreamFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyWindowUpdateFrame.java
*
/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdySynReplyFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdySynReplyFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/cors/package-info.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyPingFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyHeaders.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaders.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameAggregator.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/DefaultFullHttpRequest.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/FullHttpRequest.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockEncoder.java
*
/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockJZlibEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyDataFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/DefaultFullHttpResponse.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdySettingsFrame.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdySynStreamFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyStreamFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyStreamFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyGoAwayFrame.java
*
/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyRstStreamFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdySessionStatus.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyCodecUtil.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyGoAwayFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyPingFrame.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandler.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeadersFrame.java

```

```
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketProtocolHandler.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/ComposedLastHttpContent.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHttpDecoder.java
*
/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyStreamStatus.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/FullHttpResponse.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyHeadersFrame.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyDataFrame.java
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* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpDecoderConfig.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/DefaultHttpHeadersFactory.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpHeadersFactory.java
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* /netty-codec-http-4-1-115-final-sources-1-jar/META-INF/native-image/io.netty/netty-codec-http/native-
image.properties
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- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker07.java
- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakerFactory.java
- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/WebSocketDecoderConfig.java
- \*
- /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker.java
- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker00.java
- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandshakeHandler.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/CloseWebSocketFrame.java
- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolConfig.java
- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionFilterProvider.java
- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameDecoder.java
- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandler.java
- \*
- /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionFilter.java
- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/CorruptedWebSocketFrameException.java
- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolConfig.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketCloseStatus.java
- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker08.java
- \* /netty-codec-http-4-1-115-final-sources-1-
- jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker13.java

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 * /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/WebSocketScheme.java
 * /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpServerExpectContinueHandler.java
 * /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/ReadOnlyHttpHeaders.java
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 * /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpServerKeepAliveHandler.java
 * /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/multipart/FileUploadUtil.java
 * /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketChunkedInput.java
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- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspHeaderValues.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpChunkedInput.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandshaker.java
- \*
- /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateServerExtensionHandshaker.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyFrameDecoderDelegate.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateDecoder.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/extensions/package-info.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyProtocolException.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtension.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketClientCompressionHandler.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java
- \*
- /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateEncoder.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameServerExtensionHandshaker.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyFrameCodec.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpHeaderValues.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateDecoder.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateEncoder.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/extensions/compression/package-info.java
- \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketServerCompressionHandler.java
- \*

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/netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/ClientCookieEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandler.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtp/RtpHeaderNames.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandshaker.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpHeaderNames.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpMessageUtil.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionUtil.java
*
/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/ServerCookieEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpStatusClass.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandler.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateClientExtensionHandshaker.j
ava
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpHeadersEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameClientExtensionHandshaker.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionData.java
*
/netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtension.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateEncoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibDecoder.java
* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/websocketx/Utf8FrameValidator.java
* /netty-codec-http-4-1-115-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtension.java
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 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/cookie/DefaultCookie.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpScheme.java  
 \*  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/cookie/CookieEncoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpExpectationFailedEvent.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspDecoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/cookie/CookieDecoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/rtsp/RtspEncoder.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/cookie/package-info.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/cookie/CookieUtil.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/CookieUtil.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/EmptyHttpHeaders.java  
 \* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java  
 \*

/netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/cookie/ServerCookieEncoder.java  
\* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/cookie/CookieHeaderNames.java  
\* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/cookie/Cookie.java  
\* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/CombinedHttpHeaders.java  
\* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/cookie/ServerCookieDecoder.java  
\* /netty-codec-http-4-1-115-final-sources-1-jar/io/netty/handler/codec/http/HttpUtil.java

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### 4.1.115.Final

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 */
/**
```

- \* Set the {@code TCP\_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
- \* Keys can only be set on, not read to prevent a potential leak, as they are confidential.
- \* Allowing them being read would mean anyone with access to the channel could get them.

```

*/
/**
 * Set the {@code TCP_QUICKACK} option on the socket.
 * See TCP_QUICKACK
 * for more details.
 */

```

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*/
/**
 * Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */

```

Found in path(s):

```

* /netty-transport-classes-epoll-4-1-115-final-sources-1-
jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java

```

## 1.93 oauth2-oidc-sdk 9.20

### 1.93.1 Available under license :

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```

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 * oauth2-oidc-sdk
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 * under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
 * CONDITIONS OF ANY KIND, either express or implied. See the License for the
 * specific language governing permissions and limitations under the License.
 */
/**
 * OpenID Connect client information. Encapsulates the registration and
 * metadata details of an OpenID Connect client:
 *
 *
 * The client identifier.
 * The client OpenID Connect metadata.
 * The optional client secret for a confidential client.
 *
 * The optional registration URI and access token if dynamic client
 * registration is permitted.
 */

```

```

*
*
* <p>Related specifications:
*
*
* OpenID Connect Dynamic Client Registration 1.0.
* OAuth 2.0 Dynamic Client Registration Protocol (RFC 7591), section
* 3.2.1.
* OAuth 2.0 Dynamic Client Registration Management Protocol (RFC
* 7592), section 3.
*
*/

```

Found in path(s):

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/OIDCClientInformation.java

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* under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the
* specific language governing permissions and limitations under the License.
*/
/**
* Token revocation request. Used to revoke an issued access or refresh token.
*
* <p>Example token revocation request for a confidential client:
*
* <pre>
* POST /revoke HTTP/1.1
* Host: server.example.com
* Content-Type: application/x-www-form-urlencoded
* Authorization: Basic
 czZCaGRSa3F0MzpnWDFmQmF0M2JW
*
* token=45ghiukldjahdnhdauz&token_type_hint=refresh_token
* </pre>
*

```

```

* <p>Example token revocation request for a public client:
*
* <pre>
* POST /revoke HTTP/1.1
* Host: server.example.com
* Content-Type: application/x-www-form-urlencoded
*
* token=45ghiukldjahdnhdauz&token_type_hint=refresh_token&client_id=123456
* </pre>

```

```

* <p>Related specifications:

```

```

*
* OAuth 2.0 Token Revocation (RFC 7009), section 2.1.
*

```

```

*/

```

```

/**

```

```

 * Creates a new token revocation request for a confidential client.

```

```

 *

```

```

 * @param uri The URI of the token revocation endpoint. May be
 * {@code null} if the {@link #toHttpRequest} method
 * will not be used.

```

```

 * @param clientAuth The client authentication. Must not be
 * {@code null}.

```

```

 * @param token The access or refresh token to revoke. Must not be
 * {@code null}.

```

```

 */

```

```

// confidential client

```

Found

in path(s):

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/TokenRevocationRequest.java

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

<name>Apache License, version 2.0</name>

Found in path(s):

\* /oauth2-oidc-sdk-9-20-sources-1-jar/META-INF/maven/com.nimbusds/oauth2-oidc-sdk/pom.xml

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

```

/*

```

```

 * oauth2-oidc-sdk

```

```

 *

```

```

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```

```

 *

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* under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the
* specific language governing permissions and limitations under the License.
*/
/**
 * Creates a new request object POST request where the parameters are
 * submitted as plain JSON object, and the client authenticates by
 * means of mutual TLS. TLS also ensures the integrity and
 * confidentiality of the request parameters. This method is not
 * standard.
 *
 *
 * @param uri The URI of the request object endpoint. May
 * be {@code null} if the
 * {@link #toHttpRequest} method will not be
 * used.
 * @param tlsClientAuth The mutual TLS client authentication. Must
 * not be {@code null}.
 * @param requestJSONObject The request parameters as plain JSON
 * object. Must not be {@code null}.
 */

```

Found in path(s):

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/RequestObjectPOSTRequest.java

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 * specific language governing permissions and limitations under the License.
 */

```

Found in path(s):

```

* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/api/EntityListingErrorResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/constraints/package-
info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/TrustChainResolver.java
*
/oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/rp/statement/InvalidSoftwareStatementException.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/entities/EntityStatementClaimsVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/api/FetchEntityStatementErrorResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/api/EntityListingSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/DPoPUtils.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/api/TrustNegotiationErrorResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/entities/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/policy/MetadataPolicyEntry.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/DefaultPolicyOperationCombinationValidator.ja
va
*
/oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/ConfigurationType.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/EntityListingRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/TrustChainSet.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/EntityListingSpec.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/policy/factories/RPMetadataPolicyFactory.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/trust/DefaultTrustChainRetriever.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/trust/EntityMetadataValidator.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/trust/constraints/ExactMatchEntityIDConstraint.java
*
/oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/trust/constraints/TrustChainConstraints.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/DPoPProofFactory.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/api/TrustNegotiationRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/PolicyOperationFactory.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/entities/FederationMetadataType.java

```

```

* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/trust/constraints/EntityIDConstraint.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/registration/ExplicitClientRegistrationRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/api/FetchEntityStatementResponse.java
*
/oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/policy/language/PolicyOperationApplication.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/TrustChain.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/DefaultDPoPPProofFactory.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/rp/statement/SoftwareStatementProcessor.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/api/TrustNegotiationResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/registration/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/EntityListingResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/factories/package-
info.java
*
/oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/api/FetchEntityStatementRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/api/TrustNegotiationSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/entities/EntityRole.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/trust/constraints/SubtreeEntityIDConstraint.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/PolicyOperationCombinationValidator.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/statement/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/OperationType.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/FederationAPIRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/ResolveException.java
*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/AuthRequestID.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/ClaimsSetRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/api/FederationAPIError.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/trust/EntityStatementRetriever.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/OIDCClaimsRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/TrustChainRetriever.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/package-
info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/op/EndpointName.java
*

```

```

/oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/policy/factories/DefaultRPMetadataPolicyFactory.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/trust/marks/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/MetadataPolicy.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/api/FetchEntityStatementSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/assurance/claims/VerifiedClaimsSetRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/trust/DefaultEntityStatementRetriever.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/WellKnownPathComposeStrategy.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/entities/EntityStatement.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/registration/ClientRegistrationType.java
*
/oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/trust/InvalidEntityMetadataException.java
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* under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
* CONDITIONS OF ANY KIND, either express or implied. See the License for the
* specific language governing permissions and limitations under the License.
*/
/**
* Authorisation code. Client authentication required only for
* confidential clients.
*/
/**
* Refresh token. Client authentication required only for confidential
* clients.
*/
/**
* Password. Client authentication required only for confidential
* clients.
*/

```



Found in

path(s):

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/GrantType.java

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\*/

Found in path(s):

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/device/UserCode.java

\* /oauth2-oidc-sdk-9-20-sources-1-

jar/com/nimbusds/openid/connect/sdk/federation/policy/language/StringListOperation.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/ClientDeleteRequest.java

\*

/oauth2-oidc-sdk-9-20-sources-1-

jar/com/nimbusds/openid/connect/sdk/assurance/evidences/IDDocumentDescription.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/RefreshToken.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/tls/TLSVersion.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/HashClaim.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/id/SoftwareVersion.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/jarm/package-info.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/http/package-info.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/tls/TLSUtils.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/DPoPAccessToken.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/AssertionGrant.java

\* /oauth2-oidc-sdk-9-20-sources-1-

jar/com/nimbusds/openid/connect/sdk/federation/policy/factories/PolicyFormulationException.java

\*

/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/id/AuthorizedParty.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/as/AuthorizationServerEndpointMetadata.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/op/AuthenticationRequestResolver.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/SAML2BearerGrant.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/as/package-info.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/ApplicationType.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/Prompt.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/token/OIDCTokens.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/evidences/IdentityEvidence.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/verifier/Hint.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/AuthorizationResponse.java  
 \*  
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/verifier/ClientAuthenticationVerifier.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/as/AuthorizationServerConfigurationRequest.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/TokenIntrospectionResponse.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/jarm/JARMClaimsVerifier.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/op/ACRRequest.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/SessionID.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/JWTAuthentication.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/jarm/JARMValidator.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/TLSClientAuthentication.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/BackChannelTokenDeliveryMode.java  
 \*  
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/validators/LogoutTokenValidator.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/date/DateWithTimeZoneOffset.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/OIDCClientUpdateRequest.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/StringUtils.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/Display.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBAEErrorResponse.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/URIUtils.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/EssentialOperation.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/Response.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/jose/SecretKeyDerivation.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/ClaimRequirement.java  
 \*  
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/OIDCClientMetadata.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/OneOfOperation.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/MapUtils.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/package-info.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/validators/InvalidHashException.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/AccessTokenType.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/LogoutRequest.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/CommonClaimsSet.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/ClientInformationResponse.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/device/DeviceAuthorizationResponse.java  
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 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/X509CertificateConfirmation.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/language/PolicyOperation.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/ClientReadRequest.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/ClaimsRequest.java

\* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/AuthenticationResponseParser.java  
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 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/CodeHash.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/DefaultPolicyOperationFactory.java  
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 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/DefaultOperation.java  
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 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/AddOperation.java  
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 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/evidences/IDDocumentEvidence.java  
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* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/JSONUtils.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/SubjectType.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/claims/CountryCode.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/ClientSecretPost.java
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* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/device/package-info.java
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* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/AuthorizationRequest.java
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* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ResponseType.java
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* /oauth2-oidc-sdk-9-20-sources-1-
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jar/com/nimbusds/openid/connect/sdk/federation/policy/language/StringOperation.java
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* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/OIDCTokenResponse.java
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* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/ClientRegistrationRequest.java

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 \* /oauth2-oidc-sdk-9-20-sources-1-  
 jar/com/nimbusds/oauth2/sdk/auth/verifier/PKIClientX509CertificateBindingVerifier.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/Role.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/package-info.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/ClientSecretJWT.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/jose/package-info.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/saml2/SAML2AssertionDetails.java  
 \*  
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/TokenEncoding.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/PushedAuthorizationResponse.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/AbstractOptionallyIdentifiedRequest.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/StateHash.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/OIDCResponseTypeValidator.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/PersonClaims.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/SerializeException.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/package-info.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/saml2/package-info.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/UserInfoErrorResponse.java  
 \*  
 /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/jwt/JWTAssertionDetails.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/package-info.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/pkce/CodeVerifier.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/AuthenticationRequest.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/device/DeviceAuthorizationGrantError.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/UserInfo.java  
 \* /oauth2-oidc-sdk-9-20-sources-1-  
 jar/com/nimbusds/oauth2/sdk/auth/verifier/ClientX509CertificateBindingVerifier.java

- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/ClaimType.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/TypelessAccessToken.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/PlainClientSecret.java
- \*
- /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/id/HashBasedPairwiseSubjectCodec.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ProtectedResourceRequest.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/DPoPTokenError.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/VerificationProcess.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/ClaimsTransport.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/http/HTTPEndpoint.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/AssertionDetails.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/saml2/SAML2Utils.java
- \* /oauth2-oidc-sdk-9-20-sources-1-
- jar/com/nimbusds/openid/connect/sdk/validators/AuthorizationCodeValidator.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/Tokens.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/TokenIntrospectionSuccessResponse.java
- \*
- /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/AuthenticationErrorResponse.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/AuthorizedParty.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/IdentityVerification.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/JWTAuthenticationClaimsSet.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/id/SoftwareID.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/id/Issuer.java
- \* /oauth2-oidc-sdk-9-20-sources-1-
- jar/com/nimbusds/openid/connect/sdk/op/OIDCProviderConfigurationRequest.java
- \* /oauth2-oidc-sdk-9-20-sources-1-
- jar/com/nimbusds/openid/connect/sdk/federation/entities/EntityStatementClaimsSet.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/id/SectorIDURIVValidator.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/ClientAuthentication.java
- \*
- /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/rp/OIDCClientRegistrationRequest.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/RefreshTokenGrant.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/id/JWTID.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/MultivaluedMapUtils.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/date/SimpleDate.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/SuccessResponse.java
- \* /oauth2-oidc-sdk-9-20-sources-1-
- jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/SupersetOfOperation.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/package-info.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/TokenRequest.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/ClientRegistrationResponse.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/secevent/sdk/claims/package-info.java
- \*
- /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/policy/operations/Utils.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/AbstractAuthenticatedRequest.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/TokenErrorResponse.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/as/AuthorizationServerMetadata.java
- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/package-info.java



```

* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/IDTokenClaimsSet.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/claims/DistributedClaims.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/ResourceUtils.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/federation/entities/EntityID.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/claims/CommonOIDCTokenClaimsSet.java
*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/PushedAuthorizationSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/assertions/jwt/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/assurance/claims/VerifiedClaimsSet.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/AbstractConfigurationRequest.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/verifier/InvalidClientException.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/op/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/Request.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ErrorObject.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/validators/LogoutTokenClaimsVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ResourceOwnerPasswordCredentialsGrant.java
*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/validators/StateValidator.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/device/DeviceAuthorizationSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/op/OIDCProviderMetadata.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/Nonce.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ErrorResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/openid/connect/sdk/federation/policy/language/OperationName.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/id/PairwiseSubjectCodec.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/auth/ClientAuthenticationMethod.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/AuthenticationSuccessResponse.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/validators/AccessTokenValidator.java
*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/pkce/CodeChallengeMethod.java
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* specific language governing permissions and limitations under the License.
*/
/**
 * Creates a new authenticated pushed authorisation request for a
 * confidential client.
 *
 * @param uri The URI of the token endpoint. May be
 * {@code null} if the {@code #toHttpRequest}
 * method will not be used.
 * @param clientAuth
 * The client authentication. Must not be
 * {@code null}.
 * @param authzRequest The authorisation request. Must not be
 * {@code null}.
 */

```

Found in path(s):

`/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/PushedAuthorizationRequest.java`

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 * specific language governing permissions and limitations under the License.
*/
/**
 * Confidential. Clients capable of maintaining the confidentiality of
 * their credentials (e.g., client implemented on a secure server with
 * restricted access to the client credentials), or capable of secure
 * client authentication using other means.
 */
/**
 * Public. Clients
 * incapable of maintaining the confidentiality of their
 * credentials (e.g., clients executing on the device used by the
 * resource owner, such as an installed native application or a web

```

- \* browser-based application), and incapable of secure client
- \* authentication via any other means.
- \*/

Found in path(s):

- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/ClientType.java

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\*/

Found in path(s):

- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/openid/connect/sdk/validators/BadJWTExceptions.java

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Found in path(s):

- \* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBAError.java

```

* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/singleuse/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/AccessTokenUtils.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBARequestAcknowledgement.java
*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/package-info.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBAPushCallback.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPPProofClaimsSetVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/NAAccessToken.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPCommonVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBATokenDelivery.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBAPingCallback.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPIssuer.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/token/TokenSchemeError.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPPProofContext.java
*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/ListUtils.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBASignedRequestClaimsSet.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPProtectedResourceRequestVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/oauth2/sdk/dpop/verifiers/AccessTokenValidationException.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/InvalidDPoPPProofException.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPKeySelector.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/singleuse/AlreadyUsedException.java
* /oauth2-oidc-sdk-9-20-sources-1-
jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DefaultDPoPSingleUseChecker.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/JWKThumbprintConfirmation.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/tokenexchange/package-info.java
*
/oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/dpop/verifiers/DPoPTokenRequestVerifier.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/ciba/CIBAEErrorDelivery.java
* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/util/singleuse/SingleUseChecker.java
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```

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*/
/**
* Client information. Encapsulates the registration and metadata details of
* an OAuth 2.0 client:
*
*
* The client identifier.
* The client metadata.
* The optional client secret for a confidential client.
* The optional registration URI
and access token if dynamic client
registration is permitted.
*
*
* <p>Related specifications:
*
*
* OAuth 2.0 Dynamic Client Registration Protocol (RFC 7591), section
3.2.1.
* OAuth 2.0 Dynamic Client Registration Management Protocol (RFC
7592), section 3.
*
*/
// The client must be unambiguously public, else it is marked as confidential

```

Found in path(s):

```

* /oauth2-oidc-sdk-9-20-sources-1-jar/com/nimbusds/oauth2/sdk/client/ClientInformation.java

```

## 1.94 mssql-jdbc 8.4.0.jre8

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# 1.95 joda-time 2.13.1

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- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/BaseSpSCLinkedArrayQueue.java
- \*
- /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscCompoundQueue.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscGrowableAtomicArrayQueue.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscUnboundedArrayQueue.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/SpSCUnboundedUnpaddedArrayQueue.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/ConcurrentCircularUnpaddedArrayQueue.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeRefArrayAccess.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/ConcurrentCircularArrayQueue.java
- \*
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- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SpmcArrayQueue.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpSCChunkedAtomicArrayQueue.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscArrayQueue.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/BaseMpscLinkedAtomicArrayQueue.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeLongArrayAccess.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscUnboundedXaddChunk.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/unpadded/MpscLinkedAtomicUnpaddedQueue.java



```

*
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va
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* /netty-common-4-1-118-final-sources-
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* /netty-common-4-1-118-final-sources-
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SupportsIterator.java
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* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/unpadded/SpSCChunkedAtomicUnpaddedArrayQueue.java
a

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*
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ava
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingHashSet.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/unpadded/MpscChunkedAtomicUnpaddedArrayQueue.java
va
* /netty-common-4-1-118-final-sources-

```

```

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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/InternalAPI.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/BaseSpSCLinkedAtomicArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/MessagePassingQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/ConcurrentAutoTable.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/unpadded/SpmcAtomicUnpaddedArrayQueue.java
*
/netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/SpSCUnboundedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/BaseLinkedUnpaddedQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingHashMap.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/MessagePassingQueueUtil.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/ConcurrentSequencedCircularUnpaddedArrayQueue.java
va
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/SpmcUnpaddedArrayQueue.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeAccess.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/AbstractEntry.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeJvmInfo.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/package-info.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/BaseMpscLinkedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/SpSCChunkedUnpaddedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/MpscChunkedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/MpscUnpaddedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/unpadded/MpscAtomicUnpaddedArrayQueue.java
*

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/netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/MpmcUnboundedXaddArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/SpSCGrowableUnpaddedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/SpSCChunkedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpSCGrowableAtomicArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/SpSCLinkedUnpaddedQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/SpSCUnpaddedArrayQueue.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpmcArrayQueue.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/package-info.java
*

/netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/unpadded/SpSCAtomicUnpaddedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscUnboundedAtomicArrayQueue.java
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INF/services/reactor.blockhound.integration.BlockHoundIntegration
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* /netty-common-4-1-118-final-sources-jar/META-INF/native-image/io.netty/netty-common/native-
image.properties

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* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ThreadProperties.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/LongCounter.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/AbstractScheduledEventExecutor.java
*
* /netty-common-4-1-118-final-sources-jar/io/netty/util/HashingStrategy.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/DomainMappingBuilder.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/AsyncMapping.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/PriorityQueueNode.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/DefaultPriorityQueue.java
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 \*  
 /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/MessageFormatter.java  
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- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/BoundedInputStream.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/AsciiStringUtil.java

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- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/GenericFutureListener.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultThreadFactory.java

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/netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ScheduledFutureTask.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ReferenceCountUtil.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/NoOpTypeParameterMatcher.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ProgressivePromise.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/package-info.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/Future.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ImmediateExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/Recycler.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultProgressivePromise.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultFutureListeners.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ResourceLeak.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/CompleteFuture.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/AbstractEventExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultPromise.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/AbstractReferenceCounted.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/AbstractEventExecutorGroup.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ImmediateEventExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ThreadPerTaskExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ScheduledFuture.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/package-info.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/FutureListener.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/EmptyArrays.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/TypeParameterMatcher.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/internal/PlatformDependent0.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ReferenceCounted.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ConstantPool.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ReadOnlyIterator.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ConcurrentSet.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/AbstractFuture.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/Version.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/PendingWrite.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/RecyclableArrayList.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ResourceLeakException.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/Promise.java
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/netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ProgressiveFuture.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/PromiseTask.java
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 \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/svm/package-info.java  
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 \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ObjectPool.java  
 \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ReferenceCountUpdater.java  
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 \* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/LongObjectMap.java  
 \* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/IntObjectMap.java  
 \*  
 /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/LongCollections.java  
 \* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/ShortObjectMap.java  
 \* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/CharObjectMap.java  
 \* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/ByteObjectHashMap.java  
 \* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/CharCollections.java  
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 \* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/ByteCollections.java  
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 \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ObjectUtil.java  
 \* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/ShortObjectHashMap.java  
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- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/PromiseNotifier.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/NativeLibraryLoader.java
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- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/IntegerHolder.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/ResourceLeakHint.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/Mapping.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/PromiseAggregator.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/ThreadDeathWatcher.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/AsciiString.java

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- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/ByteProcessorUtils.java
- \* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ResourcesUtil.java

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\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/EmptyPriorityQueue.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/PriorityQueue.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ReflectionUtil.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ObjectCleaner.java  
\*  
/netty-common-4-1-118-final-sources-jar/io/netty/util/internal/LongAdderCounter.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/UncheckedBooleanSupplier.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/LocationAwareSlf4JLogger.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/SuppressForbidden.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/NettyRuntime.java  
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\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/Cleaner.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/CleanerJava9.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/FastThreadLocalRunnable.java  
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\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/MacAddressUtil.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/Log4J2Logger.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/BooleanSupplier.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/PromiseCombiner.java  
\*  
/netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/RejectedExecutionHandler.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/DomainNameMappingBuilder.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/ResourceLeakTracker.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/Log4J2LoggerFactory.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/OutOfDirectMemoryError.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/SocketUtils.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/NonStickyEventExecutorGroup.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/ResourceLeakDetectorFactory.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/PromiseNotificationUtil.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/OrderedEventExecutor.java  
\* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ThrowableUtil.java

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*
/netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/UnorderedThreadPoolEventExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/EventExecutorChooserFactory.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ConstantTimeUtils.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/UnstableApi.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/IntSupplier.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/UnaryPromiseNotifier.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/RejectedExecutionHandlers.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/NativeLibraryUtil.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultEventExecutorChooserFactory.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/Constant.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/BlockingOperationException.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/AttributeKey.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/JdkLoggerFactory.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/Timer.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/MultithreadEventExecutorGroup.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/AbstractInternalLogger.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/CommonsLoggerFactory.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/CharsetUtil.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/NetUtil.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/EventExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/Signal.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/InternalLogLevel.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/SingleThreadEventExecutor.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/FailedFuture.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/Log4JLoggerFactory.java

```

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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/PlatformDependent.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/package-info.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/package-info.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/Slf4JLogger.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/DefaultAttributeMap.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/Attribute.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/StringUtil.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/InternalLoggerFactory.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/SucceededFuture.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultEventExecutor.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultEventExecutorGroup.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/TimerTask.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/SystemPropertyUtil.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/AbstractConstant.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/Slf4JLoggerFactory.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/Timeout.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/AttributeMap.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/IllegalReferenceCountException.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/GlobalEventExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/HashedWheelTimer.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/CommonsLogger.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/InternalLogger.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/Log4JLogger.java

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## 1.97 netty-resolver 4.1.118.Final

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 \* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/SimpleNameResolver.java  
 \* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/AddressResolverGroup.java  
 \* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/NoopAddressResolver.java  
 \*

/netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/NameResolver.java  
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 \* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java  
 \* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/DefaultNameResolver.java  
 \*

/netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/InetNameResolver.java  
 \* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/HostsFileParser.java  
 \* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/CompositeNameResolver.java  
 \* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java  
 \* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/InetSocketAddressResolver.java  
 \* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/DefaultAddressResolverGroup.java

\* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/AddressResolver.java

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\* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/HostsFileEntries.java

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* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
*
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/json/package-info.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Crc32.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java
*
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/AsciiHeadersEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/MessageAggregationException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/FastLz.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
*
```

/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java  
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/\*\*  
\* Enumeration of supported Base64 dialects.  
\* <p>  
\* The internal lookup tables in this class has been derived from  
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\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/CompressionOptions.java  
\*  
/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZstdConstants.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Brotli.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/DeflateOptions.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZstdOptions.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/GzipOptions.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Zstd.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/BrotliEncoder.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/StandardCompressionOptions.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/BrotliOptions.java

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\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DefaultHeadersImpl.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ValueConverter.java  
\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/CharSequenceValueConverter.java

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- \* /netty-codec-4-1-118-final-sources-
- jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
- \*
- /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/UnsupportedValueConverter.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/HeadersUtils.java
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 \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java  
 \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DateFormatter.java  
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 \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java  
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\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java

\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/base64/package-info.java

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/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java

\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DecoderResult.java

\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java

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\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/package-info.java

\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java

\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java

\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java

\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/MessageToMessageEncoder.java

\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java

\*

/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java

\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java

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\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java

\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java

\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Snappy.java

- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
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- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
- \*
- /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DecoderException.java
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- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
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- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
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- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/package-info.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
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- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
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- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
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- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java
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- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
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- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
- \* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java

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* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/EncoderException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
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/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java
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* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/CorruptedFrameException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
*
/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
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\* Utility class for {@link ByteBuf} that encodes and decodes to and from  
\* [Base64](https://en.wikipedia.org/wiki/Base64) notation.  
\* <p>  
\* The encoding and decoding algorithm in this class has been derived from  
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\* Base64 Encoder/Decoder</a>.  
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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message. It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
<p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD". By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field. Therefore, it can be decoded with the simplistic parameter
* combination.
*
<pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content | Length | Actual Content |
* |---->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" | | 0x000C | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
*
</pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length

```

```

* field by specifying <tt>initialBytesToStrip</tt>. In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* initialBytesToStrip = 2 (= the length of the Length field)
*
* BEFORE DECODE (14 bytes) AFTER DECODE (12 bytes)
* +-----+-----+ +-----+
* | Length | Actual Content |---->| Actual Content |
* | 0x000C | "HELLO, WORLD" | | "HELLO, WORLD" |
* +-----+-----+ +-----+
* </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
* represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples. However, in some protocols, the
* length field represents the length of the whole message, including the
* message header. In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>. Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = -2 (= the length of the Length field)
* initialBytesToStrip = 0
*
* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Length | Actual
 Content |
* | 0x000E | "HELLO, WORLD" | | 0x000E | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* lengthFieldOffset = 2 (= the length of Header 1)

```



```

* lengthFieldLength = 3
* lengthAdjustment = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +-----+-----+-----+ +-----+-----+-----+
* | Header 1 | Length | Actual Content |---->| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----+-----+-----+ +-----+-----+-----+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
* lengthAdjustment = 2 (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +-----+-----+-----+ +-----+-----+-----+
* | Length | Header 1 | Actual Content |---->| Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" | | 0x00000C | 0xCAFE | "HELLO,
* WORLD" |
* +-----+-----+-----+ +-----+-----+-----+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field</h3>
*
* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* lengthAdjustment = 1 (= the length of HDR2)
* initialBytesToStrip = 3 (= the length of HDR1 +

```

```

LEN)
*
* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+ +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |---->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field, the length field
* represents the length of the whole message</h3>
*
* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because
* the length field already includes the whole header length.
* <pre>
* lengthFieldOffset = 1
* lengthFieldLength = 2
* lengthAdjustment = -3 (= the length of HDR1 + LEN, negative)
* initialBytesToStrip = 3
*
* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +-----+-----+-----+-----+ +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |---->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+
* </pre>
* @see LengthFieldPrepender
*/

```

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\* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelProgressivePromise.java  
 \*  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultAddressedEnvelope.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySet.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelProgressiveFuture.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/ChannelFactory.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelId.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultChannelId.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultMessageSizeEstimator.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/ChannelMatcher.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/ChannelGroup.java

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* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
*
/netty-transport-4-1-118-final-sources-jar/io/netty/channel/AbstractEventLoopGroup.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/ChannelGroupException.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ConnectTimeoutException.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultChannelProgressivePromise.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/ChannelMatchers.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/DefaultChannelGroup.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/AddressedEnvelope.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/SimpleChannelInboundHandler.java
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* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioDomainSocketChannel.java
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\* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/WriteBufferWaterMark.java  
\* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java  
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/netty-transport-4-1-118-final-sources-jar/io/netty/channel/SelectStrategy.java  
\* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelOutboundInvoker.java  
\* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java  
\* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/PreferHeapByteBufAllocator.java  
\* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelInboundInvoker.java  
\* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/AbstractBootstrapConfig.java  
\* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/VoidChannelGroupFuture.java  
\* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DuplexChannel.java  
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* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java
*
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/ChannelPoolHandler.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/FixedChannelPool.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/package-info.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/ChannelHealthChecker.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/SimpleChannelPool.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/ChannelPool.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
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\* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/embedded/EmbeddedChannelId.java

\* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelFactory.java

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\* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/ChannelInitializerExtensions.java  
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\* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/StacklessClosedChannelException.java  
\* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DuplexChannelConfig.java  
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 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/AbstractServerChannel.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/local/LocalChannelRegistry.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java  
 \*  
 /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/InternetProtocolFamily.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannel.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/NioEventLoopGroup.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultChannelConfig.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DatagramChannel.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/DefaultChannelGroupFuture.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/package-info.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/FileRegion.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultFileRegion.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelInitializer.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelPromiseAggregator.java  
 \*  
 /netty-transport-4-1-118-final-sources-jar/io/netty/channel/FailedChannelFuture.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/CombinedIterator.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/Channel.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelFutureListener.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/NioTask.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/package-info.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/SingleThreadEventLoop.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/ChannelGroupFutureListener.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DefaultSocketChannelConfig.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultEventLoop.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java  
 \*  
 /netty-transport-4-1-118-final-sources-jar/io/netty/channel/EventLoop.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/oio/AbstractOioByteChannel.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelPipeline.java  
 \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelOutboundHandlerAdapter.java

- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannel.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelException.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelConfig.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/NioEventLoop.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/ServerSocketChannelConfig.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/ChannelGroupFuture.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/EventLoopGroup.java
- \*
- /netty-transport-4-1-118-final-sources-jar/io/netty/channel/RecvByteBufAllocator.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelMetadata.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannel.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/package-info.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultChannelPipeline.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/AbstractChannel.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelPromiseNotifier.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelHandlerContext.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/local/LocalEventLoopGroup.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelFlushPromiseNotifier.java
- \*
- /netty-transport-4-1-118-final-sources-jar/io/netty/channel/embedded/EmbeddedEventLoop.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannel.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/package-info.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/embedded/EmbeddedChannel.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/oio/OioEventLoopGroup.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/Bootstrap.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelFuture.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/oio/AbstractOioMessageChannel.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/AbstractChannelHandlerContext.java
- \*
- /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/SocketChannel.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/local/package-info.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/embedded/package-info.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/package-info.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/EventLoopException.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/local/LocalServerChannel.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/local/LocalAddress.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/FixedRecvByteBufAllocator.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/SocketChannelConfig.java
- \*
- /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ServerChannel.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DatagramChannelConfig.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/AbstractNioMessageChannel.java
- \* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DatagramPacket.java

```

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelInboundHandler.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelOutboundHandler.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/CombinedChannelDuplexHandler.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelPipelineException.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioServerSocketChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioSocketChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelOption.java
*
/netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/ServerBootstrap.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelPromise.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoop.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/AbstractNioByteChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/package-info.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/ServerSocketChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultEventLoopGroup.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/CompleteChannelFuture.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/SucceededChannelFuture.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/AbstractNioChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/oio/package-info.java
*
/netty-transport-4-1-118-final-sources-jar/io/netty/channel/local/LocalChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/package-info.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/oio/AbstractOioChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/AbstractBootstrap.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelDuplexHandler.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/embedded/EmbeddedSocketAddress.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/MultithreadEventLoopGroup.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelInboundHandlerAdapter.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/VoidChannelPromise.java

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```

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/internal/package-info.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
*
/netty-transport-4-1-118-final-sources-jar/io/netty/channel/PendingBytesTracker.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/internal/ChannelUtils.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/FailedChannel.java
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
* <p>
* {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its
* subtypes:
*
* {@link
ChannelInboundHandler} to handle inbound I/O events, and
* {@link ChannelOutboundHandler} to handle outbound I/O operations.
*
* </p>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
*
* {@link ChannelInboundHandlerAdapter} to handle inbound I/O events,
* {@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and

```

```

* {@link ChannelDuplexHandler} to handle both inbound and outbound events
*
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object. A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object. Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically,
* or store the information
* (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
* // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}<Message> {
*
* private boolean loggedIn;
*
* {@code @Override}
* public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
* if (message instanceof LoginMessage) {
* authenticate((LoginMessage) message);
* loggedIn = true;
* } else (message instanceof GetDataMessage) {
* if (loggedIn) {
* ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
* } else {
* fail();
* }
* }
* }
* }
*
* ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to

```

```

* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where an unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}<{@link Channel}> {
* {@code @Override}
* public void initChannel({@link Channel} channel) {
* channel.pipeline().addLast("handler", new DataServerHandler());
* }
* }
*
* </pre>
*
* <h4>Using {@link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
* <pre>
* public interface Message {
* // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}<Message> {
* private final {@link AttributeKey}<{@link Boolean}> auth =
* {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
* {@code @Override}
* public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
* {@link Attribute}<{@link Boolean}> attr = ctx.attr(auth);
* if (message instanceof LoginMessage) {
* authenticate((LoginMessage) o);
* attr.set(true);
* } else if (message instanceof GetDataMessage) {
* if (Boolean.TRUE.equals(attr.get())) {
* ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
* } else {
* fail();
* }
* }
* }
* }
*
* ...
* }
* </pre>

```



```

* Now that the
state of the handler is attached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}<{@link Channel}> {
*
* private static final DataServerHandler SHARED = new DataServerHandler();
*
* {@code @Override}
* public void initChannel({@link Channel} channel) {
* channel.pipeline().addLast("handler", SHARED);
* }
* }
* </pre>

```

\* <h4>The {@code @Sharable} annotation</h4>

\* <p>  
 \* In the example above which used an {@link AttributeKey},  
 \* you might have noticed the {@code @Sharable} annotation.

\* <p>  
 \* If a {@link ChannelHandler} is annotated with the {@code @Sharable}  
 \* annotation, it means you can create an instance of the handler just once and  
 \* add it to one or more {@link ChannelPipeline}s multiple times without  
 \* a race condition.

\* <p>  
 \* If this annotation is not specified, you have to create  
 a new handler  
 \* instance every time you add it to a pipeline because it has unshared state  
 \* such as member variables.

\* <p>  
 \* This annotation is provided for documentation purpose, just like  
 \* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.

\* <h3>Additional resources worth reading</h3>

\* <p>  
 \* Please refer to the {@link ChannelHandler}, and  
 \* {@link ChannelPipeline} to find out more about inbound and outbound operations,  
 \* what fundamental differences they have, how they flow in a pipeline, and how to handle  
 \* the operation in your application.

Found in path(s):

\* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelHandler.java

# 1.100 netty-transport-native-unix-common

## 4.1.118.Final

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Found in path(s):

```
*/netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_jni.h
*/netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/UnixChannelUtil.java
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```
*/netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/DatagramSocketAddress.java
```

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* /netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/DomainSocketChannelConfig.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_errors.c
*
/netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/ServerDomainSocketChannel.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_filedescriptor.c
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/Errors.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_socket.c
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/DomainSocketAddress.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_filedescriptor.h
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_errors.h
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_socket.h
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/FileDescriptor.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/UnixChannel.java
*
/netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/DomainSocketReadMode.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/Socket.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/DomainSocketChannel.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/NativeInetAddress.java
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* /netty-transport-native-unix-common-4-1-118-final-sources-jar/META-INF/maven/io.netty/netty-transport-native-
unix-common/pom.xml
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\* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/IovArray.java  
 \* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/package-info.java  
 \* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/Unix.java  
 \*  
 /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/UnixChannelOption.java  
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\* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty\_unix\_buffer.c  
 \* /netty-transport-native-unix-common-4-1-118-final-sources-  
 jar/io/netty/channel/unix/PreferredDirectByteBufferAllocator.java  
 \* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/Buffer.java  
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 /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty\_unix\_buffer.h  
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jar/io/netty/channel/unix/DomainDatagramChannelConfig.java  
\* /netty-transport-native-unix-common-4-1-118-final-sources-  
jar/io/netty/channel/unix/SegmentedDatagramPacket.java  
\* /netty-transport-native-unix-common-4-1-118-final-sources-  
jar/io/netty/channel/unix/DomainDatagramPacket.java  
\*  
/netty-transport-native-unix-common-4-1-118-final-sources-  
jar/io/netty/channel/unix/DomainDatagramChannel.java  
\* /netty-transport-native-unix-common-4-1-118-final-sources-  
jar/io/netty/channel/unix/DomainDatagramSocketAddress.java  
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jar/io/netty/channel/unix/RawUnixChannelOption.java  
\* /netty-transport-native-unix-common-4-1-118-final-sources-  
jar/io/netty/channel/unix/IntegerUnixChannelOption.java

\* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/GenericUnixChannelOption.java  
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\* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/PeerCredentials.java  
\* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty\_unix\_limits.c  
\*  
/netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/SocketWritableByteChannel.java

```

* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_util.c
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_util.h
* /netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java
* /netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_limits.h

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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/TrustManagerFactoryWrapper.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/KeyManagerFactoryWrapper.java
*
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/address/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/PseudoRandomFunction.java

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 \* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/traffic/package-info.java  
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 \* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java  
 \* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/flush/package-info.java  
 \*  
 /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java  
 \* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/PemValue.java  
 \* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java  
 \* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java  
 \* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java  
 \* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java  
 \* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java  
 \* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java



\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/PemEncoded.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/flow/package-info.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java  
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\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java

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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
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/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslUtils.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslClientHelloHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
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- \* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslAsyncPrivateKeyMethod.java
- \* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslClientSessionCache.java

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\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslSessionCache.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslSessionId.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/Ciphers.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslProtocols.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/GroupsConverter.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java  
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\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/PcapHeaders.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/PcapWriteHandler.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/TCP PACKET.java  
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/netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/IPPacket.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/EthernetPacket.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/UDPPacket.java  
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\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ClientAuth.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java  
\*  
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java  
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Found in path(s):

\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java  
\*  
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKey.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslInternalSession.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java

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Found in path(s):

```
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
*
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslProvider.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
*
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/LazyX509Certificate.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslUtils.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkSslContext.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SniHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
*
```

```

/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkSslEngine.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslContext.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
*
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/PemReader.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
*
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslServerContext.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSsl.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java

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```

* /netty-handler-4-1-118-final-sources-jar/META-INF/native-image/io.netty/netty-handler/native-image.properties

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\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslClosedEngineException.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/address/ResolveAddressHandler.java  
\*  
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilter.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/logging/ByteBufFormat.java  
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\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateCompressionAlgorithm.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/BouncyCastlePemReader.java  
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\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficShapingHandler.java  
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Found in path(s):

```

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/IdleState.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/ReadTimeoutException.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/ChunkedNioStream.java
*
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/TimeoutException.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/ChunkedStream.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/ChunkedFile.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/logging/LogLevel.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/logging/LoggingHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
*
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/ChunkedInput.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/logging/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/IdleStateHandler.java
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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateCompressionConfig.java
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\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java  
\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ResumableX509ExtendedTrustManager.java  
\*  
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ResumptionController.java  
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\* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java

## 1.102 accessors-smart 2.5.2

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\* /accessors-smart-2-5-2-sources-jar/net/minidev/asm/BeansAccess.java  
\* /accessors-smart-2-5-2-sources-jar/net/minidev/asm/ClassLoader.java  
\* /accessors-smart-2-5-2-sources-jar/net/minidev/asm/ASMUtil.java  
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\* /accessors-smart-2-5-2-sources-jar/META-INF/maven/net.minidev/accessors-smart/pom.xml

## 1.103 musl 1.2.5-r10

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\*/

Found in path(s):

- \* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserByteArray.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONObject.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/CollectionMapper.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/ArraysMapper.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONStreamAware.java
- \*
- /json-smart-2-5-2-sources-jar/net/minidev/json/writer/DefaultMapperCollection.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONAware.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/JsonReaderI.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserInputStream.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/FakeMapper.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/DefaultMapperOrdered.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/ParseException.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONStyle.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONNavi.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/JsonReader.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/BeansMapper.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParser.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONValue.java
- \*
- /json-smart-2-5-2-sources-jar/net/minidev/json/JSONStreamAwareEx.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserString.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/JStylerObj.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONArray.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserStream.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserBase.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserReader.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONUtil.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/writer/CompressorMapper.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/parser/JSONParserMemory.java
- \* /json-smart-2-5-2-sources-jar/net/minidev/json/JSONAwareEx.java

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

<!--

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-->

Found in path(s):

\* /json-smart-2-5-2-sources-jar/META-INF/maven/net.minidev/json-smart/pom.xml

## 1.105 tre 1.2.5-r10

### 1.105.1 Available under license :

This is the license, copyright notice, and disclaimer for TRE, a regex matching package (library and tools) with support for approximate matching.

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## 1.106 failureaccess 1.0.1

### 1.106.1 Available under license :

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/\*

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```
*
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* in compliance with the License. You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
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* is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
express
* or implied. See the License for the specific language governing permissions and limitations under
* the License.
*/
```

Found in path(s):

```
* /failureaccess-1-0-1-sources-13-jar/com/google/common/util/concurrent/internal/InternalFutureFailureAccess.java
* /failureaccess-1-0-1-sources-13-jar/com/google/common/util/concurrent/internal/InternalFutures.java
```

## 1.107 ca-certificates-bundle 20241121-r2

### 1.107.1 Available under license :

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

```
#
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/.
```

Found in path(s):

```
* /ca-bundle-master-zip/ca-bundle-master/certdata.txt
```

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

Backup only

=====

This repository serves only as a backup to <https://curl.se/docs/caextract.html>.

That's the primary resource and site.

ca-bundle.crt

=====

The Mozilla CA bundle extracted and converted to PEM at regular intervals. See the PEM file itself for the actual date of the latest Mozilla source change that is included in converted file.

certdata.txt

=====

This is the corresponding source file used as input to generate the ca bundle output. Copied from the Mozilla source repository at the time the conversion is done.

Commits before d718bef3c0c256d66466f496f11f7e1b5c88bd03 did not contain certdata.txt. If you want the corresponding source for the ca bundle in an old commit, then please refer to this table:

<details>

<summary>Click here to show or hide the table.</summary>

| Commit                                   | URL for corresponding source                                                                                                                                                                                                                                                                              |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7d228da8f3f05c0123d72f13db9de10ea6dee621 | N/A                                                                                                                                                                                                                                                                                                       |
| 5a391619cb2490d3304a91c71e2fa338a0557f81 | <a href="https://hg.mozilla.org/releases/mozilla-release/raw-file/66b7259580f45c2599eefae69f40dae55ef17e0a/security/nss/lib/ckfw/builtins/certdata.txt">https://hg.mozilla.org/releases/mozilla-release/raw-file/66b7259580f45c2599eefae69f40dae55ef17e0a/security/nss/lib/ckfw/builtins/certdata.txt</a> |
| f1d870d5da0d48d4cc31174f501b5190f01e6b8c | Same as the previous commit                                                                                                                                                                                                                                                                               |
| 2b45e5d67ded140f1be0bcc649fa88d3c231883e | Same as the previous commit                                                                                                                                                                                                                                                                               |
| 0a9e02c6fc9604cdf3807472a76b7af1e4260171 | Same as the previous commit                                                                                                                                                                                                                                                                               |
| f68eb7b9674cfafd78a581e85abd3438b70e5804 | <a href="https://hg.mozilla.org/releases/mozilla-release/raw-file/e6aee77687d39f32cf2e76974fda5dd7d3353494/security/nss/lib/ckfw/builtins/certdata.txt">https://hg.mozilla.org/releases/mozilla-release/raw-file/e6aee77687d39f32cf2e76974fda5dd7d3353494/security/nss/lib/ckfw/builtins/certdata.txt</a> |
| e9175fec5d0c4d42de24ed6d84a06d504d5e5a09 | <a href="https://hg.mozilla.org/releases/mozilla-release/raw-file/cd52a7f8954809fd893196dc857f81b0cb61717c/security/nss/lib/ckfw/builtins/certdata.txt">https://hg.mozilla.org/releases/mozilla-release/raw-file/cd52a7f8954809fd893196dc857f81b0cb61717c/security/nss/lib/ckfw/builtins/certdata.txt</a> |
| b072e4efd42b8602855bba127586c42cf4f73d5  | <a href="https://hg.mozilla.org/releases/mozilla-release/raw-file/fbecd3b75a32805785ab6c04071ba22ff9e12f15/security/nss/lib/ckfw/builtins/certdata.txt">https://hg.mozilla.org/releases/mozilla-release/raw-file/fbecd3b75a32805785ab6c04071ba22ff9e12f15/security/nss/lib/ckfw/builtins/certdata.txt</a> |
| d82fc46afaf6478aaa22989bcc2202ba7b72ad71 | <a href="https://hg.mozilla.org/releases/mozilla-release/raw-file/784a4c059370ea7eb6bd3e5597b2cf60b01fff61/security/nss/lib/ckfw/builtins/certdata.txt">https://hg.mozilla.org/releases/mozilla-release/raw-file/784a4c059370ea7eb6bd3e5597b2cf60b01fff61/security/nss/lib/ckfw/builtins/certdata.txt</a> |
| bff056d04b9e2c92ea8c83b2e39be9c8d0501039 | <a href="https://hg.mozilla.org/releases/mozilla-release/raw-file/1864de1dd58496710df537ebf6a3cb7655be25cb/security/nss/lib/ckfw/builtins/certdata.txt">https://hg.mozilla.org/releases/mozilla-release/raw-file/1864de1dd58496710df537ebf6a3cb7655be25cb/security/nss/lib/ckfw/builtins/certdata.txt</a> |
| 86347ecbdc2277f365d02f0d208b822a214e012d | <a href="https://hg.mozilla.org/releases/mozilla-release/raw-file/4c4aa555dbb768be28989e14577d408cc7963f36/security/nss/lib/ckfw/builtins/certdata.txt">https://hg.mozilla.org/releases/mozilla-release/raw-file/4c4aa555dbb768be28989e14577d408cc7963f36/security/nss/lib/ckfw/builtins/certdata.txt</a> |
| 751ec767788ef26616dcc40c300c306a86076099 | Same as the previous commit                                                                                                                                                                                                                                                                               |
| 57d1a1632d82e365e67ebfd65550dda12812d478 | Same as the previous commit                                                                                                                                                                                                                                                                               |
| dfcc02c918b7bf40ed3a7f27a634c74ef4e80829 | <a href="https://hg.mozilla.org/releases/mozilla-release/raw-file/02e787b058edbc15355a89c61564661d34043d1c/security/nss/lib/ckfw/builtins/certdata.txt">https://hg.mozilla.org/releases/mozilla-release/raw-file/02e787b058edbc15355a89c61564661d34043d1c/security/nss/lib/ckfw/builtins/certdata.txt</a> |
| a87bf7b88d735dc6fcbcdc116e4044d964cf389c | Same as the previous commit                                                                                                                                                                                                                                                                               |
| 7ba8a667420bd2e3ba32c34ae255deae6493fba7 | <a href="https://hg.mozilla.org/releases/mozilla-release/raw-file/02e787b058edbc15355a89c61564661d34043d1c/security/nss/lib/ckfw/builtins/certdata.txt">https://hg.mozilla.org/releases/mozilla-release/raw-file/02e787b058edbc15355a89c61564661d34043d1c/security/nss/lib/ckfw/builtins/certdata.txt</a> |

file/236993bf136ebdcf87c2569e424a4c230b66123e/security/nss/lib/ckfw/builtins/certdata.txt |  
| db7eb8a3e0c7b7fa39a6a78d5f8610ac26ccfadf | Same as the previous commit  
|  
| a9de2411cd1aec4eee49fc7905f09f923573cda8 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/725796b69ce57e5654d21bdd9bee131b57d141dd/security/nss/lib/ckfw/builtins/certdata.txt |  
| 5cd5a2299379e6880134b0caf842aacdab9db727 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/4f753ccce3d08822b45bda237110074c6937e99e/security/nss/lib/ckfw/builtins/certdata.txt |  
| d9785b19b9030c1a7985b614eb2cac428b346c0d | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/380093135a3bf54c6971595a0f4f945081484a38/security/nss/lib/ckfw/builtins/certdata.txt  
|  
| ae9e4be79a2be3f8b341ff6f24576bc78b0f9aad | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/28fadaace7bd2189a6c13db6765bf04048a41789/security/nss/lib/ckfw/builtins/certdata.txt |  
| f0185186159dcfee874795a5861535e4ed596b56 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/40755aa80f41ee6df8995ae44044caf7a024b128/security/nss/lib/ckfw/builtins/certdata.txt |  
| ca9dc7463c9ef5d4d19ed778c255da5f671e655c | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/54ee1aebd3927ea70f46398feffef7e869aae7e0/security/nss/lib/ckfw/builtins/certdata.txt |  
| 2e3c764182fcfc170e9f8a99a6923bd28e674d39 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/e9f06fd63988182f9f79f223a295b57acf81cee8/security/nss/lib/ckfw/builtins/certdata.txt |  
| acd399daddb0b72964324013f3acde222f3c0625 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/ea3b45ed3e04155184f4b85da43dc2328424f2d2/security/nss/lib/ckfw/builtins/certdata.txt |  
| fa1e9f3dccfa995b2b9ed7478fe92d308fa634fa  
| https://hg.mozilla.org/releases/mozilla-release/raw-  
file/d7f1b0b90dcc2fd7b999cd8e1935ef4f1c6a8357/security/nss/lib/ckfw/builtins/certdata.txt |  
| 449f554bb6853af5f6510601671f00ef5d1b93e6 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/2c9fa0eb1c2597fe5ee2a9f42a96e96618af51fd/security/nss/lib/ckfw/builtins/certdata.txt |  
| 6067692770f1b7625c4039536ccaf23d0a49ee7f | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/50bba836b642b517fddd49b7f8f9e72ed0e0b677/security/nss/lib/ckfw/builtins/certdata.txt |  
| 0afaa1b7f4ac157dcd9240c198dbc10fdbba00c02 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/1d559668fc4795e6f1d426ecfa8fc86be0e91a82/security/nss/lib/ckfw/builtins/certdata.txt |  
| 22eb23ed4198052d1e5405911c6d028be75c817c | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/e92c4aeac6c046e5f6e3954ffee9fcc9d19045dd/security/nss/lib/ckfw/builtins/certdata.txt |  
| b27af886c380c59bbb81afe7c186483184195a3 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/ed839e4a302121a4105806c22023ad3a2cf60a98/security/nss/lib/ckfw/builtins/certdata.txt  
|  
| 2a33f9977cd5aa22fe91dbe8727e198298e53606 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/a85986cd3e05efd8afd71ff5ad6409102deddfb2/security/nss/lib/ckfw/builtins/certdata.txt |  
| fd0b671eefb2556ca8c2f45a0b4003df18bc6124 | Same as the previous commit  
|  
| 6f9394f01a5adc6e11b145d787136cec6c0d4f49 | Same as the previous commit  
|  
| ed090aff3f6fd4e03f3e88ada8eae5fa48a262d4 | Same as the previous commit  
|  
| 4a20d8c0705c78f588635eaa8a1fa9edf73b8c97 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/0f8e8f595cdaa3c640eebbcf5a3c1640597d6fe5/security/nss/lib/ckfw/builtins/certdata.txt  
|  
| 2b15b55ea65cf6a5251fc14d778d5f39b512ba71 | Same as the previous commit  
|  
| a0e9c8e2956e1b79ded5f6fe7084884550a44550 | https://hg.mozilla.org/releases/mozilla-release/raw-

file/d712f161492e6534aa05dbc7b71f58ee4431d6c4/security/nss/lib/ckfw/builtins/certdata.txt |  
| 2554eb9e77bde6e5030217ced250ca21b5bc344b | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/326adbc7882af5850e30faecaca4a5f2eb3e4ac5/security/nss/lib/ckfw/builtins/certdata.txt |  
| 1c78e2ab91957d4847913c4cdd0625d62b58c6a7 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/b608bef3805d31d583e719314ce55152a6724cf5/security/nss/lib/ckfw/builtins/certdata.txt |  
| 59e7c349caebdbd90e7f9d7f06be066933425a6f | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/93720442b571341fd67dd76b50dd4ae73226e10a/security/nss/lib/ckfw/builtins/certdata.txt  
|  
| 8b263a18fca98ea371e54227837321c5cdaa1ba7 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/db0157931387a232eba6ed90247b0cb89671cbcd/security/nss/lib/ckfw/builtins/certdata.txt |  
| 0f9691f953dd3dd7b4d88a8f9069b9af71f6c668 | Same as the previous commit  
|  
| edd798d35abc8cc32519b08b3d8485780bb0fd20 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/ed80dc53fca3452420400edd349b01600bc9a475/security/nss/lib/ckfw/builtins/certdata.txt |  
| 74bfa39fdcacc2072ef9ab9bab6776002ea322a4 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/4d6bd444b886615f85e86f29598551048d2690a7/security/nss/lib/ckfw/builtins/certdata.txt |  
| 39c6ac0550873e5c9214f265a1d0d9876c64c669 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/879ef40783f7255764ac9f401757c726a6c387c6/security/nss/lib/ckfw/builtins/certdata.txt |  
| 7bbb8cfe6b9d5e1711584c3adb7fdc50c7471b50  
| https://hg.mozilla.org/releases/mozilla-release/raw-  
file/c8f0f5eb3ec78cab045d24ba2ed359ebbe09f56e/security/nss/lib/ckfw/builtins/certdata.txt |  
| 7f33e7eb8472dbcf31fdcf50cd216c89a282825d | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/f478b87846055e0e762d5493d26efab821091ce9/security/nss/lib/ckfw/builtins/certdata.txt |  
| b2f7415648411b6fd7c298c6c92d6552f0165f60 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/92f6d58167e0e0afd56305c9975b89134dd0424d/security/nss/lib/ckfw/builtins/certdata.txt |  
| 8bcd1092d29849d9fe0a3261ab3bb875eb410694 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/7d8e7a75db1e1489fa6b112be71b458ea028453b/security/nss/lib/ckfw/builtins/certdata.txt |  
| 3aaca635bad074a0ce5c15fa8aa0dff47f5c639a | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/238ea457a20e22e269b95456d4dc47abf8bb8263/security/nss/lib/ckfw/builtins/certdata.txt |  
| 68844bbac67c0a2513165f4024c238cbb0b7ec64 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/f741b9b7161bdda9aa4dfc1bef67afcfbfa2c956/security/nss/lib/ckfw/builtins/certdata.txt  
|  
| bef37a977ccb45fb4c1b213b79dd6ba438077561 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/bb22fcd79ecfacff57cf9814e6b62a758db6f43/security/nss/lib/ckfw/builtins/certdata.txt |  
| c5a419971b1bec220368c619aaafd0b818aa119f | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/163c38ee7a7a13a344e7fe15b75d86e6c5212ae0/security/nss/lib/ckfw/builtins/certdata.txt |  
| ae77ab685577d4f455d52cda7877baf5d06a1d0 | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/ce4c4f72a97d4ef2a387d39bfe964c8a13f05d2c/security/nss/lib/ckfw/builtins/certdata.txt |  
| f3d27c23c986e495dcd98eed8f1e72a4919300ec | https://hg.mozilla.org/releases/mozilla-release/raw-  
file/b8ea2342548b8571e58f9176d9555ccdb5ec199f/security/nss/lib/ckfw/builtins/certdata.txt |

</details>

license

=====

The converted file is licensed under the same license as the Mozilla source  
file: MPL 2.0

conversion

=====

We use

mk-ca-bundle.pl from curl:

<https://github.com/curl/curl/blob/master/scripts/mk-ca-bundle.pl>

Found in path(s):

\* /ca-bundle-master-zip/ca-bundle-master/README.md

## 1.108 alpine-baselayout 3.7.0-r0

### 1.108.1 Available under license :

```
Automatically generated by apkbuild-cpan, template 1
Contributor: Francesco Colista <francesco.colista@gmail.com>
Maintainer: Francesco Colista <francesco.colista@gmail.com>
pkgname=perl-software-license
_pkgreal=Software-License
pkgver=0.103004
pkgrel=0
pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/"
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/${_pkgreal}-${pkgver}.tar.gz"

_buildddir="$srcdir/${_pkgreal}-${pkgver}"

prepare() {
 cd "$_buildddir"
 export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
 PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
 cd "$_buildddir"
 export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
 make && make test
}

package() {
```

```

cd "$_builddir"
make
DESTDIR="$pkgdir" install || return 1
find "$pkgdir" \(-name perllocal.pod -o -name .packlist \) -delete
}

md5sums="0c5fd53d93818566234578b27d667b35 Software-License-0.103004.tar.gz"
Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/"
arch="all"
license="LGPL"
depends=
makedepends=
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2"
"

_buildddir="$srcdir"/libart_lgpl-$pkgver

prepare() {
cd "$_builddir"
update_config_sub || return 1
}
build() {
cd "$_builddir"
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr \
|| return 1
make || return 1
}

package() {
cd "$_builddir"
make DESTDIR="$pkgdir" install || return 1
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
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```
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Contributor: Valery Kartel <valery.kartel@gmail.com>
Maintainer: Valery Kartel <valery.kartel@gmail.com>
pkgname=perl-bsd-resource
_pkgreal=BSD-Resource
pkgver=1.2909
pkgrel=2
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="http://search.cpan.org/dist/BSD-Resource/"
arch="all"
license="GPL PerlArtistic"
cpandepends=""
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/_pkgreal-$pkgver.tar.gz"

_buildddir="$srcdir/_pkgreal-$pkgver"

prepare() {
 cd "$_buildddir"
 export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
 PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
```

```

cd "$_builddir"
export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}'`
make && make test || return 1
}

package() {
cd "$_builddir"
make DESTDIR="$pkgdir" install || return 1
find "$pkgdir"
\ (-name perllocal.pod -o -name .packlist) -delete
}

md5sums="3c6dd2fa953088aa87e263f40818d012 BSD-Resource-1.2909.tar.gz"
sha256sums="c47d460e2bd00d8d049f6ff4a0f1f61957e289e8de45af5fc79e851e2e855e06 BSD-Resource-
1.2909.tar.gz"
sha512sums="5f489eaac5089e82081b7cf51d62638750e443751b49415407354da96b17771819b5e6e85529faa41ddd
85743363750157943c7f7700276cce2bd40a429fa430 BSD-Resource-1.2909.tar.gz"
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pkgname=py-flake8-copyright

\_pkgname=flake8-copyright

pkgver=0.2.0

pkgrel=1

pkgdesc="Extension for flake8 which checks for copyrights"

url="https://github.com/savoirfairelinux/flake8-copyright"

arch="noarch"

license="MIT"

depends="flake8"

makedepends="python3-dev"

source="https://files.pythonhosted.org/packages/source/\${\_pkgname:0:1}/\${\_pkgname}/\${\_pkgname}-\${pkgver}.tar.gz"

builddir="\$srcdir"/\_\${\_pkgname}-\${pkgver}

```
build() {
 cd "$builddir"
 python3 setup.py build || return 1
}
```

```
package() {
 cd "$builddir"
 python3 setup.py install --prefix=/usr --root="$pkgdir" || return 1
}
```

md5sums="c6348990c6d74933bf5d5f6a55a14bdf flake8-copyright-0.2.0.tar.gz"

sha256sums="aeef26eb4d5223c9cd5b101e68175fcef6d2b353bf36da688fdde62fccfe2b73 flake8-copyright-0.2.0.tar.gz"

sha512sums="bab1bfaeed3a525ac3c7da12b1f2ec338c204cc69b72d05cd39560e528faff5d586c3b1be9570f4a977a7e2417b586e543bfba12abce256b2023c8c4993eeb90

flake8-copyright-0.2.0.tar.gz"

mini\_sendmail - accept email on behalf of real sendmail

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\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/search/AbstractSearchProcessorFactory.java  
\*  
/netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/search/BitapSearchProcessorFactory.java  
\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/search/SearchProcessorFactory.java  
\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/search/KmpSearchProcessorFactory.java  
\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/search/MultiSearchProcessor.java  
\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/search/AbstractMultiSearchProcessorFactory.java  
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\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/PoolChunkListMetric.java  
\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/UnpooledUnsafeHeapByteBuf.java  
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/netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/AbstractUnsafeSwappedByteBuf.java  
\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/PoolArenaMetric.java  
\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/PoolChunkMetric.java  
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* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/LongLongHashMap.java
* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/search/package-info.java
* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/IntPriorityQueue.java
* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/SizeClasses.java
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*/netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/UnpooledUnsafeNoCleanerDirectByteBuf.java
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*/netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/PooledDuplicatedByteBuf.java
*/
*/netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/SimpleLeakAwareCompositeByteBuf.java
*/netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/WrappedCompositeByteBuf.java
*/netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/AdvancedLeakAwareCompositeByteBuf.java
*/netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/WrappedUnpooledUnsafeDirectByteBuf.java
*/netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/AbstractUnpooledSlicedByteBuf.java
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\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/PoolSubpage.java

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/netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/ByteBufOutputStream.java

\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/Unpooled.java

\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/ByteBuf.java

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\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/UnpooledDirectByteBuf.java

\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/PoolThreadCache.java

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\* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/package-info.java

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 * /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/AbstractReferenceCountedByteBuf.java
 * /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/FixedCompositeByteBuf.java
 *
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 * /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/ReadOnlyByteBufferBuf.java
 * /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/ReadOnlyUnsafeDirectByteBuf.java
 * /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/ByteBufProcessor.java
 * /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/SimpleLeakAwareByteBuf.java
 * /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/WrappedByteBuf.java
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## xwd v1.0.7

### xwd utility
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Mesa 3-D Graphics Library v21.0.3

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Component	Location	License

Main Mesa code	src/mesa/	MIT
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Gallium code	src/gallium/	MIT
Ext headers	GL/glxt.h	Khronos
	GL/glxt.h	Khronos
	GL/wglxt.h	Khronos
	KHR/khrplatform.h	Khronos

include/GL/gl.h :

Mesa 3-D
graphics library

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```
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include/GL/glxt.h
include/GL/wglxt.h :
```

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### xwd utility  
<pre>
```

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Mesa 3-D Graphics Library v21.0.3

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

include/GL/gl.h :

Mesa 3-D
graphics library

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include/GL/wglxext.h :

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tree/openbsd-reallocarray.c

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1.123 metrics-spi 2.30.14

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1.124 http-auth-aws 2.30.14

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1.129 http-auth-aws-eventstream 2.30.14

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1.137 aws-json-protocol 2.30.14

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1.142 checksums-spi 2.30.14

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1.143 netty-nio-client 2.30.14

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ConcurrentLinkedHashMap

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Some alternate data structures provided by JSR-166e
from <http://gee.cs.oswego.edu/dl/concurrency-interest/>.
Written by Doug Lea and released as Public Domain.
CityHash
Copyright 2012, tamtam180

More information: <http://google-opensource.blogspot.jp/2011/04/introducing-cityhash.html>
By Geoff Pike and Jyrki Alakuijala, Software Engineering Team, Google

1.145 bson-record-codec 4.6.1

1.145.1 Available under license :

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```
/*
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 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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 * limitations under the License.
 */
```

Found in path(s):

```
* /bson-record-codec-4-6-1-sources-6-jar/org/bson/codecs/record/annotations/BsonProperty.java
* /bson-record-codec-4-6-1-sources-6-jar/org/bson/codecs/record/annotations/package-info.java
* /bson-record-codec-4-6-1-sources-6-jar/org/bson/codecs/record/RecordCodec.java
* /bson-record-codec-4-6-1-sources-6-jar/org/bson/codecs/record/annotations/BsonRepresentation.java
*
* /bson-record-codec-4-6-1-sources-6-jar/org/bson/codecs/record/package-info.java
* /bson-record-codec-4-6-1-sources-6-jar/org/bson/codecs/record/annotations/BsonId.java
* /bson-record-codec-4-6-1-sources-6-jar/org/bson/codecs/record/RecordCodecProvider.java
```

1.146 jctools-core 4.0.5

1.146.1 Available under license :

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```
<name>Apache License, Version 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
```

Found in path(s):

* /jctools-core-4-0-5-6-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

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

```
Manifest-Version: 1.0
Bnd-LastModified: 1717253512851
Build-Jdk-Spec: 1.8
Bundle-Description: Java Concurrency Tools Core Library
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Java Concurrency Tools Core Library
Bundle-SymbolicName: org.jctools.core
Bundle-Version: 4.0.5
Created-By: Apache Maven Bundle Plugin 5.1.8
Export-Package: org.jctools.maps;version="4.0.5",org.jctools.util;vers
ion="4.0.5";uses="sun.misc",org.jctools.queues;version="4.0.5",org.j
ctools.queues.atomic;version="4.0.5";uses="org.jctools.queues",org.j
ctools.queues.atomic.unpadded;version="4.0.5";uses="org.jctools.queu
es",org.jctools.queues.unpadded;version="4.0.5";uses="org.jctools.qu
eues",org.jctools.counters;version="4.0.5"
Import-Package: sun.misc;resolution:=optional
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-6.3.1.202206071316
```

Found in path(s):

*

/jctools-core-4-0-5-6-jar/META-INF/MANIFEST.MF

1.147 apk-tools 2.14.9-r2

1.147.1 Available under license :

```
# Automatically generated by apkbuild-cpan, template 4
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
maintainer="Celeste <cielesti@protonmail.com>"
pkgname=perl-bsd-resource
pkgver=1.2911
pkgrel=10
#_pkgreal is used by apkbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgdesc="Perl extension implements the BSD process resource limit functions"
```

```

url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/$_pkgreal-$pkgver"

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
        INSTALLDIRS=vendor \
        NO_PACKLIST=1 \
        NO_PERLLOCAL=1
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
    BSD-Resource-1.2911.tar.gz
"

# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=2
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz
0001-bsd-games-scores-dir.patch
"

options="!check" # no tests

```



```

build() {
# some GNU autoconf options are ignored, but it works
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr \
--sysconfdir=/etc \
--mandir=/usr/share/man \
--scoredir=/usr/share/$pkgname
make
}

package() {
make DESTDIR="$pkgdir" install
install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

```

```

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
bsd-games-3.3.tar.gz
e1def0d4835a877242c4173fae862e278a7858738e0bacacbb045a42bcabec2aa7c72d000bbd2421ce35fe66cdc1f52c0
577b7e278029ca5ed50f7aab22319f6 0001-bsd-games-scores-dir.patch
"

```

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```

# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=8
pkgdesc="A library for high-performance 2D graphics"
url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-$pkgver.tar.bz2"
"

builddir="$srcdir"/libart-lgpl-$pkgver

prepare() {
    update_config_sub
    default_prepare
}

build() {
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr
    make
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart-lgpl-2.3.21.tar.bz2"
mini_sendmail - accept email on behalf of real sendmail

```

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Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>

Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>

pkgname=spdx-licenses

pkgver=3.26.0

pkgrel=0

pkgdesc="Various data formats for the SPDX License List"

url="https://spdx.org/"

arch="noarch"

options="!check" # no test suite

license="CC-BY-3.0"

source="license-list-data-\$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v\$pkgver.tar.gz"

builddir="\$srcdir/license-list-data-\$pkgver"

subpackages="\$pkgname-list"

_types="html json rdfa rdft rdfturtle rdfxml template text"

for type in \$_types; do

subpackages="\$subpackages \$pkgname-\$type:_subpkg"

done

package() {

mkdir -p "\$pkgdir"

}

_subpkg() {

local type=\${subpkgname/\$pkgname-/}

pkgdesc="\$pkgdesc (\$type)"

install_if="\$pkgname=\$pkgver-r\$pkgrel"

mkdir -p "\$subpkgdir"/usr/share/spdx

cp -r "\$builddir"/\$type "\$subpkgdir"/usr/share/spdx/

}

list() {

pkgdesc="\$pkgdesc (licence list)"

mkdir -p "\$subpkgdir"/usr/share/spdx

local i; for i in "\$builddir"/text/*.txt;

```

do
local license=${i##*/}
echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
done
}

sha512sums="
67e618d4642dfe4f366935d9514d6f7941d3711e77c49bc1b340ac572d36015981b8f10c72a9f80f1d83e132ae7e5093c
0155e0c0e786e4777ee16d1cb7b885a license-list-data-3.26.0.tar.gz
"

# Contributor: Patrycja Rosa <alpine@ptrcnll.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnll.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h
queue.h
tree.h
"

builddir="$srcdir"
options="!check" # just headers

package() {
mkdir -p "$pkgdir"
install -Dm644 -t "$pkgdir"/usr/include/sys \
cdefs.h queue.h tree.h
}
sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178 cdefs.h
2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750 queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3 tree.h
"

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```

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The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:

"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95

<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

Contributor: Dhruvin Gandhi <contact@dhruvin>

Maintainer: Patrycja Rosa <alpine@ptrcnull.me>

pkgname=py3-license-expression

_pkgname=license_expression

pkgver=30.4.1

pkgrel=0

pkgdesc="Library to parse, compare, simplify and normalize license expressions"

url="https://github.com/nexB/license-expression"

arch="noarch"

license="Apache-2.0"

depends="python3 py3-boolean.py"

makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"

checkdepends="py3-pytest py3-pytest-xdist"

subpackages="\$pkgname-pyc"

source="https://files.pythonhosted.org/packages/source/l/_pkgname/_pkgname-\$pkgver.tar.gz"

builddir="\$srcdir/_pkgname-\$pkgver"

build() {

gpep517 build-wheel \

--wheel-dir .dist \

--output-fd 3 3>&1 >&2

}

check() {

python3 -m venv --clear --without-pip --system-site-packages .testenv

.testenv/bin/python3 -m installer .dist/*.whl

.testenv/bin/python3 -m pytest

```

}

package() {
    python3 -m installer -d "$pkgdir" \
        .dist/*.whl
}

sha512sums="
114c630f098939757e49187e35b4e54883266a2ee9ca283724992420ef4c860f9606a8342da0ab74d93627c10805f312
fda3f699cbc7c4fbd47a71e220440fb0
    license_expression-30.4.1.tar.gz
"

/* $NetBSD: queue.h,v 1.70 2015/11/02 15:21:23 christos Exp $ */

/*
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 * SUCH DAMAGE.
 *
 * @(#)queue.h 8.5 (Berkeley) 8/20/94
 */

#ifdef _SYS_QUEUE_H_
#define _SYS_QUEUE_H_

```

```

/*
* This file defines five types of data structures: singly-linked lists,
* lists, simple queues, tail queues, and circular queues.
*
* A singly-linked list is headed by a single forward pointer. The
* elements are singly linked for minimum space and
* pointer manipulation
* overhead at the expense of O(n) removal for arbitrary elements. New
* elements can be added to the list after an existing element or at the
* head of the list. Elements being removed from the head of the list
* should use the explicit macro for this purpose for optimum
* efficiency. A singly-linked list may only be traversed in the forward
* direction. Singly-linked lists are ideal for applications with large
* datasets and few or no removals or for implementing a LIFO queue.
*
* A list is headed by a single forward pointer (or an array of forward
* pointers for a hash table header). The elements are doubly linked
* so that an arbitrary element can be removed without a need to
* traverse the list. New elements can be added to the list before
* or after an existing element or at the head of the list. A list
* may only be traversed in the forward direction.
*
* A simple queue is headed by a pair of pointers, one the head of the
* list and the
* other to the tail of the list. The elements are singly
* linked to save space, so elements can only be removed from the
* head of the list. New elements can be added to the list after
* an existing element, at the head of the list, or at the end of the
* list. A simple queue may only be traversed in the forward direction.
*
* A tail queue is headed by a pair of pointers, one to the head of the
* list and the other to the tail of the list. The elements are doubly
* linked so that an arbitrary element can be removed without a need to
* traverse the list. New elements can be added to the list before or
* after an existing element, at the head of the list, or at the end of
* the list. A tail queue may be traversed in either direction.
*
* A circle queue is headed by a pair of pointers, one to the head of the
* list and the other to the tail of the list. The elements are doubly
* linked so that an arbitrary element can be removed without a need to
* traverse the list. New elements
* can be added to the list before or after
* an existing element, at the head of the list, or at the end of the list.
* A circle queue may be traversed in either direction, but has a more
* complex end of list detection.
*
* For details on the use of these macros, see the queue(3) manual page.

```

```

*/

/*
* Include the definition of NULL only on NetBSD because sys/null.h
* is not available elsewhere. This conditional makes the header
* portable and it can simply be dropped verbatim into any system.
* The caveat is that on other systems some other header
* must provide NULL before the macros can be used.
*/
#ifdef __NetBSD__
#include <sys/null.h>
#endif

#if defined(QUEUEDEBUG)
# if defined(_KERNEL)
#  define QUEUEDEBUG_ABORT(...) panic(__VA_ARGS__)
# else
#  include <err.h>
#  define QUEUEDEBUG_ABORT(...) err(1, __VA_ARGS__)
# endif
#endif

/*
* Singly-linked List definitions.
*/
#define SLIST_HEAD(name, type) \
struct name { \
    struct type *slh_first; /* first \
    element */ \
}

#define SLIST_HEAD_INITIALIZER(head) \
{ NULL }

#define SLIST_ENTRY(type) \
struct { \
    struct type *sle_next; /* next element */ \
}

/*
* Singly-linked List access methods.
*/
#define SLIST_FIRST(head) ((head)->slh_first)
#define SLIST_END(head) NULL
#define SLIST_EMPTY(head) ((head)->slh_first == NULL)
#define SLIST_NEXT(elm, field) ((elm)->field.sle_next)

#define SLIST_FOREACH(var, head, field) \

```



```

for((var) = (head)->slh_first;  \
    (var) != SLIST_END(head);  \
    (var) = (var)->field.sle_next)

#define SLIST_FOREACH_SAFE(var, head, field, tvar) \
for ((var) = SLIST_FIRST((head));  \
    (var) != SLIST_END(head) &&  \
    ((tvar) = SLIST_NEXT((var), field), 1);  \
    (var) = (tvar))

/*
 * Singly-linked List functions.
 */
#define SLIST_INIT(head) do {  \
    (head)->slh_first = SLIST_END(head);  \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_AFTER(slistelm, elm, field) do {  \
    (elm)->field.sle_next = (slistelm)->field.sle_next;  \
    (slistelm)->field.sle_next  \
    = (elm);  \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_HEAD(head, elm, field) do {  \
    (elm)->field.sle_next = (head)->slh_first;  \
    (head)->slh_first = (elm);  \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_AFTER(slistelm, field) do {  \
    (slistelm)->field.sle_next =  \
        SLIST_NEXT(SLIST_NEXT((slistelm), field), field);  \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_HEAD(head, field) do {  \
    (head)->slh_first = (head)->slh_first->field.sle_next;  \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE(head, elm, type, field) do {  \
    if ((head)->slh_first == (elm)) {  \
        SLIST_REMOVE_HEAD((head), field);  \
    }  \
    else {  \
        struct type *curelm = (head)->slh_first;  \
        while(curelm->field.sle_next != (elm))  \
            curelm = curelm->field.sle_next;  \
        curelm->field.sle_next =  \
            curelm->field.sle_next->field.sle_next;  \
    }  \
}

```

```

} while (/*CONSTCOND*/0)

/*
 * List definitions.
 */
#define LIST_HEAD(name, type) \
struct name { \
    struct type *lh_first; /* first element */ \
}

#define LIST_HEAD_INITIALIZER(head) \
{ NULL }

#define LIST_ENTRY(type) \
struct { \
    struct type *le_next; /* next element */ \
    struct type **le_prev; /* address of previous next element */ \
}

/*
 * List access methods.
 */
#define LIST_FIRST(head) ((head)->lh_first)
#define LIST_END(head) NULL
#define LIST_EMPTY(head) ((head)->lh_first == LIST_END(head))
#define LIST_NEXT(elm, field) ((elm)->field.le_next)

#define LIST_FOREACH(var, head, field) \
for ((var) = ((head)->lh_first); \
     (var) != LIST_END(head); \
     (var) = ((var)->field.le_next))

#define LIST_FOREACH_SAFE(var, head, field, tvar) \
for ((var) = LIST_FIRST((head)); \
     (var) != LIST_END(head) && \
     ((tvar) = LIST_NEXT((var), field), 1); \
     (var) = (tvar))

#define LIST_MOVE(head1, head2) do { \
    LIST_INIT((head2)); \
    if (!LIST_EMPTY((head1))) \
    { \
        (head2)->lh_first = (head1)->lh_first; \
        LIST_INIT((head1)); \
    } \
} while (/*CONSTCOND*/0)

```

```

/*
 * List functions.
 */
#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field) \
if ((head)->lh_first && \
    (head)->lh_first->field.le_prev != &(head)->lh_first) \
    QUEUEDEBUG_ABORT("LIST_INSERT_HEAD %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_OP(elm, field) \
if ((elm)->field.le_next && \
    (elm)->field.le_next->field.le_prev != \
    &(elm)->field.le_next) \
    QUEUEDEBUG_ABORT("LIST_* forw %p %s:%d", (elm), \
        __FILE__, __LINE__); \
if (*(elm)->field.le_prev != (elm)) \
    QUEUEDEBUG_ABORT("LIST_* back %p %s:%d", (elm), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field) \
(elm)->field.le_next = (void *)1L; \
(elm)->field.le_prev = (void *)1L;
#else
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_LIST_OP(elm,
    field)
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field)
#endif

#define LIST_INIT(head) do { \
    (head)->lh_first = LIST_END(head); \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_AFTER(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    if (((elm)->field.le_next = (listelm)->field.le_next) != \
        LIST_END(head)) \
        (listelm)->field.le_next->field.le_prev = \
            &(elm)->field.le_next; \
    (listelm)->field.le_next = (elm); \
    (elm)->field.le_prev = &(listelm)->field.le_next; \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    (elm)->field.le_prev = (listelm)->field.le_prev; \
    (elm)->field.le_next = (listelm); \
    *(listelm)->field.le_prev = (elm); \
    (listelm)->field.le_prev = &(elm)->field.le_next; \
} while (/*CONSTCOND*/0)

```

```

} while (/*CONSTCOND*/0)

#define LIST_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_LIST_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.le_next \
    = (head)->lh_first) != LIST_END(head))\
        (head)->lh_first->field.le_prev = &(elm)->field.le_next;\
    (head)->lh_first = (elm); \
    (elm)->field.le_prev = &(head)->lh_first; \
} while (/*CONSTCOND*/0)

#define LIST_REMOVE(elm, field) do { \
    QUEUEDEBUG_LIST_OP((elm), field) \
    if ((elm)->field.le_next != NULL) \
        (elm)->field.le_next->field.le_prev = \
            (elm)->field.le_prev; \
    *(elm)->field.le_prev = (elm)->field.le_next; \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

#define LIST_REPLACE(elm, elm2, field) do { \
    if (((elm2)->field.le_next = (elm)->field.le_next) != NULL) \
        (elm2)->field.le_next->field.le_prev = \
            &(elm2)->field.le_next; \
    (elm2)->field.le_prev = (elm)->field.le_prev; \
    *(elm2)->field.le_prev = (elm2); \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

/*
 * Simple queue definitions.
 */
#define SIMPLEQ_HEAD(name, type) \
struct name { \
    struct \
    type *sqh_first; /* first element */ \
    struct type **sqh_last; /* addr of last next element */ \
}

#define SIMPLEQ_HEAD_INITIALIZER(head) \
{ NULL, &(head).sqh_first }

#define SIMPLEQ_ENTRY(type) \
struct { \
    struct type *sqe_next; /* next element */ \
}

/*

```

```

* Simple queue access methods.
*/

#define SIMPLEQ_FIRST(head) ((head)->sqh_first)
#define SIMPLEQ_END(head) NULL
#define SIMPLEQ_EMPTY(head) ((head)->sqh_first == SIMPLEQ_END(head))
#define SIMPLEQ_NEXT(elm, field) ((elm)->field.sqe_next)

#define SIMPLEQ_FOREACH(var, head, field) \
for ((var) = ((head)->sqh_first); \
     (var) != SIMPLEQ_END(head); \
     (var) = ((var)->field.sqe_next))

#define SIMPLEQ_FOREACH_SAFE(var, head, field, next) \
for ((var) = ((head)->sqh_first); \
     (var) != SIMPLEQ_END(head) && \
     ((next = ((var)->field.sqe_next)), 1); \
     (var) = (next))

/*
* Simple queue functions.
*/

#define SIMPLEQ_INIT(head) do { \
(head)->sqh_first = NULL; \
(head)->sqh_last \
= &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_HEAD(head, elm, field) do { \
if (((elm)->field.sqe_next = (head)->sqh_first) == NULL) \
(head)->sqh_last = &(elm)->field.sqe_next; \
(head)->sqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_TAIL(head, elm, field) do { \
(elm)->field.sqe_next = NULL; \
*(head)->sqh_last = (elm); \
(head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
if (((elm)->field.sqe_next = (listelm)->field.sqe_next) == NULL) \
(head)->sqh_last = &(elm)->field.sqe_next; \
(listelm)->field.sqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_HEAD(head, field) do { \
if (((head)->sqh_first = (head)->sqh_first->field.sqe_next) == NULL) \
(head)->sqh_last = &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

```

```

} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_AFTER(head, elm, field) do { \
    if \
    (((elm)->field.sqe_next = (elm)->field.sqe_next->field.sqe_next) \
     == NULL) \
    (head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE(head, elm, type, field) do { \
    if ((head)->sqh_first == (elm)) { \
        SIMPLEQ_REMOVE_HEAD((head), field); \
    } else { \
        struct type *curelm = (head)->sqh_first; \
        while (curelm->field.sqe_next != (elm)) \
            curelm = curelm->field.sqe_next; \
        if ((curelm->field.sqe_next = \
            curelm->field.sqe_next->field.sqe_next) == NULL) \
            (head)->sqh_last = &(curelm)->field.sqe_next; \
    } \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_CONCAT(head1, head2) do { \
    if (!SIMPLEQ_EMPTY((head2))) { \
        *(head1)->sqh_last = (head2)->sqh_first; \
        (head1)->sqh_last = (head2)->sqh_last; \
        SIMPLEQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_LAST(head, type, field) \
    (SIMPLEQ_EMPTY((head)) ? \
     NULL : \
     ((struct type \
      *)((void *) \
        ((char *)((head)->sqh_last) - offsetof(struct type, field))))

/*
 * Tail queue definitions.
 */

#define _TAILQ_HEAD(name, type, qual) \
    struct name { \
        qual type *tqh_first; /* first element */ \
        qual type *qual *tqh_last; /* addr of last next element */ \
    }

#define TAILQ_HEAD(name, type) _TAILQ_HEAD(name, struct type,)

#define TAILQ_HEAD_INITIALIZER(head) \

```

```

{ TAILQ_END(head), &(head).tqh_first }

#define _TAILQ_ENTRY(type, qual) \
struct { \
    qual type *tqe_next; /* next element */ \
    qual type *qual *tqe_prev; /* address of previous next element */ \
}

#define TAILQ_ENTRY(type) _TAILQ_ENTRY(struct type,)

/*
 * Tail queue access methods.
 */

#define TAILQ_FIRST(head) ((head)->tqh_first)
#define TAILQ_END(head) (NULL)
#define TAILQ_NEXT(elm, field) ((elm)->field.tqe_next)
#define TAILQ_LAST(head, headname) \
    (((struct headname *) (void *) ((head)->tqh_last))->tqh_last)
#define TAILQ_PREV(elm, headname, field) \
    (((struct headname *) (void *) ((elm)->field.tqe_prev))->tqh_last)
#define TAILQ_EMPTY(head) (TAILQ_FIRST(head) == TAILQ_END(head))

#define TAILQ_FOREACH(var, head, field) \
    for ((var) = ((head)->tqh_first); \
        (var) != TAILQ_END(head); \
        (var) = ((var)->field.tqe_next))

#define TAILQ_FOREACH_SAFE(var, head, field, next) \
    for ((var) = ((head)->tqh_first); \
        (var) != TAILQ_END(head) && \
        ((next) = TAILQ_NEXT(var, field), 1); (var) = (next))

#define TAILQ_FOREACH_REVERSE(var, head, headname, field) \
    for ((var) = TAILQ_LAST((head), headname); \
        (var) != TAILQ_END(head); \
        (var) = TAILQ_PREV((var), headname, field))

#define TAILQ_FOREACH_REVERSE_SAFE(var, head, headname, field, prev) \
    for ((var) = TAILQ_LAST((head), headname); \
        (var) != TAILQ_END(head) && \
        ((prev) = TAILQ_PREV((var), headname, field), 1); (var) = (prev))

/*
 * Tail queue functions.
 */

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head,

```

```

elm, field) \
if ((head)->tqh_first && \
    (head)->tqh_first->field.tqe_prev != &(head)->tqh_first) \
    QUEUEDEBUG_ABORT("TAILQ_INSERT_HEAD %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field) \
if (*(head)->tqh_last != NULL) \
    QUEUEDEBUG_ABORT("TAILQ_INSERT_TAIL %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_OP(elm, field) \
if ((elm)->field.tqe_next && \
    (elm)->field.tqe_next->field.tqe_prev != \
    &(elm)->field.tqe_next) \
    QUEUEDEBUG_ABORT("TAILQ_* forw %p %s:%d", (elm), \
        __FILE__, __LINE__); \
if (*(elm)->field.tqe_prev != (elm)) \
    QUEUEDEBUG_ABORT("TAILQ_* back %p %s:%d", (elm), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field) \
if ((elm)->field.tqe_next == NULL && \
    (head)->tqh_last != &(elm)->field.tqe_next) \
    QUEUEDEBUG_ABORT("TAILQ_PREREMOVE head %p elm %p %s:%d", \
        (head), (elm), __FILE__, \
        __LINE__);
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field) \
(elm)->field.tqe_next = (void *)1L; \
(elm)->field.tqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field)
#define QUEUEDEBUG_TAILQ_OP(elm, field)
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field)
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field)
#endif

#define TAILQ_INIT(head) do { \
    (head)->tqh_first = TAILQ_END(head); \
    (head)->tqh_last = &(head)->tqh_first; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_TAILQ_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.tqe_next = (head)->tqh_first) != TAILQ_END(head)) \
        (head)->tqh_first->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm)->field.tqe_next; \
    (head)->tqh_first = (elm); \
}

```



```

(elm)->field.tqe_prev = &(head)->tqh_first; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_TAIL(head,
elm, field) do { \
    QUEUEDEBBUG_TAILQ_INSERT_TAIL((head), (elm), field) \
    (elm)->field.tqe_next = TAILQ_END(head); \
    (elm)->field.tqe_prev = (head)->tqh_last; \
    *(head)->tqh_last = (elm); \
    (head)->tqh_last = &(elm)->field.tqe_next; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBBUG_TAILQ_OP((listelm), field) \
    if (((elm)->field.tqe_next = (listelm)->field.tqe_next) != \
        TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm)->field.tqe_next; \
    (listelm)->field.tqe_next = (elm); \
    (elm)->field.tqe_prev = &(listelm)->field.tqe_next; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBBUG_TAILQ_OP((listelm), field) \
    (elm)->field.tqe_prev = (listelm)->field.tqe_prev; \
    (elm)->field.tqe_next = (listelm); \
    *(listelm)->field.tqe_prev = (elm); \
    (listelm)->field.tqe_prev \
    = &(elm)->field.tqe_next; \
} while (/*CONSTCOND*/0)

#define TAILQ_REMOVE(head, elm, field) do { \
    QUEUEDEBBUG_TAILQ_PREREMOVE((head), (elm), field) \
    QUEUEDEBBUG_TAILQ_OP((elm), field) \
    if (((elm)->field.tqe_next) != TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            (elm)->field.tqe_prev; \
    else \
        (head)->tqh_last = (elm)->field.tqe_prev; \
    *(elm)->field.tqe_prev = (elm)->field.tqe_next; \
    QUEUEDEBBUG_TAILQ_POSTREMOVE((elm), field); \
} while (/*CONSTCOND*/0)

#define TAILQ_REPLACE(head, elm, elm2, field) do { \
    if (((elm2)->field.tqe_next = (elm)->field.tqe_next) != \
        TAILQ_END(head)) \

```

```

        (elm2)->field.tqe_next->field.tqe_prev = \
            &(elm2)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm2)->field.tqe_next; \
        (elm2)->field.tqe_prev = (elm)->field.tqe_prev; \
        *(elm2)->field.tqe_prev = (elm2); \
    QUEUEDEBUG_TAILQ_POSTREMOVE((elm),
    field); \
} while (/*CONSTCOND*/0)

#define TAILQ_CONCAT(head1, head2, field) do { \
    if (!TAILQ_EMPTY(head2)) { \
        *(head1)->tqh_last = (head2)->tqh_first; \
        (head2)->tqh_first->field.tqe_prev = (head1)->tqh_last; \
        (head1)->tqh_last = (head2)->tqh_last; \
        TAILQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

/*
 * Singly-linked Tail queue declarations.
 */
#define STAILQ_HEAD(name, type) \
struct name { \
    struct type *stqh_first; /* first element */ \
    struct type **stqh_last; /* addr of last next element */ \
}

#define STAILQ_HEAD_INITIALIZER(head) \
{ NULL, &(head).stqh_first }

#define STAILQ_ENTRY(type) \
struct { \
    struct type *stqe_next; /* next element */ \
}

/*
 * Singly-linked Tail queue access methods.
 */
#define STAILQ_FIRST(head) ((head)->stqh_first)
#define STAILQ_END(head) NULL
#define STAILQ_NEXT(elm, field) ((elm)->field.stqe_next)
#define STAILQ_EMPTY(head) (STAILQ_FIRST(head) \
    == STAILQ_END(head))

/*
 * Singly-linked Tail queue functions.
 */

```

```

#define STAILQ_INIT(head) do { \
    (head)->stqh_first = NULL; \
    (head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_HEAD(head, elm, field) do { \
    if (((elm)->field.stqe_next = (head)->stqh_first) == NULL) \
        (head)->stqh_last = &(elm)->field.stqe_next; \
    (head)->stqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_TAIL(head, elm, field) do { \
    (elm)->field.stqe_next = NULL; \
    *(head)->stqh_last = (elm); \
    (head)->stqh_last = &(elm)->field.stqe_next; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_AFTER(head, listelm, elm, field) do { \
    if (((elm)->field.stqe_next = (listelm)->field.stqe_next) == NULL) \
        (head)->stqh_last = &(elm)->field.stqe_next; \
    (listelm)->field.stqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE_HEAD(head, field) do { \
    if (((head)->stqh_first = (head)->stqh_first->field.stqe_next) \
        == NULL) \
        (head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE(head, elm, type, field) do { \
    if ((head)->stqh_first == (elm)) { \
        STAILQ_REMOVE_HEAD((head), field); \
    } else { \
        struct type *curelm = (head)->stqh_first; \
        while (curelm->field.stqe_next != (elm)) \
            curelm = curelm->field.stqe_next; \
        if ((curelm->field.stqe_next = \
            curelm->field.stqe_next->field.stqe_next) == NULL) \
            (head)->stqh_last = &(curelm)->field.stqe_next; \
    } \
} while (/*CONSTCOND*/0)

#define STAILQ_FOREACH(var, head, field) \
    for ((var) = ((head)->stqh_first); \
        (var); \
        (var) = ((var)->field.stqe_next))

#define STAILQ_FOREACH_SAFE(var, head, field, tvar) \

```

```

for ((var) = STAILQ_FIRST((head)); \
    (var) && ((tvar) = STAILQ_NEXT((var), field), 1); \
    (var) = (tvar))

#define STAILQ_CONCAT(head1, head2) do { \
    if (!STAILQ_EMPTY((head2))) { \
        *(head1)->stqh_last \
        = (head2)->stqh_first; \
        (head1)->stqh_last = (head2)->stqh_last; \
        STAILQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

#define STAILQ_LAST(head, type, field) \
(STAILQ_EMPTY((head)) ? \
    NULL : \
    ((struct type *) (void *) \
    ((char *) ((head)->stqh_last) - offsetof(struct type, field))))

#ifdef _KERNEL
/*
 * Circular queue definitions. Do not use. We still keep the macros
 * for compatibility but because of pointer aliasing issues their use
 * is discouraged!
 */

/*
 * __launder_type(): We use this ugly hack to work around the the compiler
 * noticing that two types may not alias each other and elide tests in code.
 * We hit this in the CIRCLEQ macros when comparing 'struct name *' and
 * 'struct type *' (see CIRCLEQ_HEAD()). Modern compilers (such as GCC
 * 4.8) declare these comparisons as always false, causing the code to
 * not run as designed.
 *
 * This hack is only to be used for comparisons and thus can be fully const.
 * Do not use for assignment.
 *
 * If we ever choose to change the ABI of the CIRCLEQ macros, we could fix
 * this by changing the head/tail sentinel values, but see the note above
 * this one.
 */
static __inline const void * __launder_type(const void *);
static __inline const void *
__launder_type(const void *__x)
{
    __asm __volatile("" : "+r" (__x));
    return __x;
}

```

```

}

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field) \
if ((head)->cqh_first != CIRCLEQ_ENDC(head) && \
    (head)->cqh_first->field.cqe_prev != CIRCLEQ_ENDC(head)) \
    QUEUEDEBUG_ABORT("CIRCLEQ head forw %p %s:%d", (head), \
        __FILE__, __LINE__); \
if ((head)->cqh_last != CIRCLEQ_ENDC(head) && \
    (head)->cqh_last->field.cqe_next != CIRCLEQ_ENDC(head)) \
    QUEUEDEBUG_ABORT("CIRCLEQ head back %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field) \
if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) { \
    if ((head)->cqh_last != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ \
elm last %p %s:%d", \
            (elm), __FILE__, __LINE__); \
} else { \
    if ((elm)->field.cqe_next->field.cqe_prev != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ elm forw %p %s:%d", \
            (elm), __FILE__, __LINE__); \
} \
if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) { \
    if ((head)->cqh_first != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ elm first %p %s:%d", \
            (elm), __FILE__, __LINE__); \
} else { \
    if ((elm)->field.cqe_prev->field.cqe_next != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ elm prev %p %s:%d", \
            (elm), __FILE__, __LINE__); \
}
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field) \
(elm)->field.cqe_next = (void *)1L; \
(elm)->field.cqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field)
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field)
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field)
#endif

#define CIRCLEQ_HEAD(name, type) \
struct name { \
    struct type *cqh_first; /* \
first element */ \
    struct type *cqh_last; /* last element */ \
}

```

```

#define CIRCLEQ_HEAD_INITIALIZER(head) \
{ CIRCLEQ_END(&head), CIRCLEQ_END(&head) }

#define CIRCLEQ_ENTRY(type) \
struct { \
    struct type *cqe_next; /* next element */ \
    struct type *cqe_prev; /* previous element */ \
}

/*
 * Circular queue functions.
 */
#define CIRCLEQ_INIT(head) do { \
    (head)->cqh_first = CIRCLEQ_END(head); \
    (head)->cqh_last = CIRCLEQ_END(head); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBDEBUG_CIRCLEQ_ELM((head), (listelm), field) \
    (elm)->field.cqe_next = (listelm)->field.cqe_next; \
    (elm)->field.cqe_prev = (listelm); \
    if ((listelm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm); \
    else \
        (listelm)->field.cqe_next->field.cqe_prev = (elm); \
    (listelm)->field.cqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_BEFORE(head, \
listelm, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBDEBUG_CIRCLEQ_ELM((head), (listelm), field) \
    (elm)->field.cqe_next = (listelm); \
    (elm)->field.cqe_prev = (listelm)->field.cqe_prev; \
    if ((listelm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm); \
    else \
        (listelm)->field.cqe_prev->field.cqe_next = (elm); \
    (listelm)->field.cqe_prev = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    (elm)->field.cqe_next = (head)->cqh_first; \
    (elm)->field.cqe_prev = CIRCLEQ_END(head); \
    if ((head)->cqh_last == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm); \
} while (/*CONSTCOND*/0)

```

```

else    \
    (head)->cqh_first->field.cqe_prev = (elm); \
    (head)->cqh_first = (elm);    \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_TAIL(head, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    (elm)->field.cqe_next \
    = CIRCLEQ_END(head); \
    (elm)->field.cqe_prev = (head)->cqh_last; \
    if ((head)->cqh_first == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm); \
    else    \
        (head)->cqh_last->field.cqe_next = (elm); \
    (head)->cqh_last = (elm);    \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_REMOVE(head, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBDEBUG_CIRCLEQ_ELM((head), (elm), field) \
    if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm)->field.cqe_prev; \
    else    \
        (elm)->field.cqe_next->field.cqe_prev = \
            (elm)->field.cqe_prev; \
    if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm)->field.cqe_next; \
    else    \
        (elm)->field.cqe_prev->field.cqe_next = \
            (elm)->field.cqe_next; \
    QUEUEDEBDEBUG_CIRCLEQ_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_FOREACH(var, head, field) \
    for ((var) = ((head)->cqh_first); \
        (var) != CIRCLEQ_ENDC(head); \
        (var) \
        = ((var)->field.cqe_next))

#define CIRCLEQ_FOREACH_REVERSE(var, head, field) \
    for ((var) = ((head)->cqh_last); \
        (var) != CIRCLEQ_ENDC(head); \
        (var) = ((var)->field.cqe_prev))

/*
 * Circular queue access methods.
 */
#define CIRCLEQ_FIRST(head) ((head)->cqh_first)

```

```

#define CIRCLEQ_LAST(head) ((head)->cqh_last)
/* For comparisons */
#define CIRCLEQ_ENDC(head) (__lauder_type(head))
/* For assignments */
#define CIRCLEQ_END(head) ((void *)(head))
#define CIRCLEQ_NEXT(elm, field) ((elm)->field.cqe_next)
#define CIRCLEQ_PREV(elm, field) ((elm)->field.cqe_prev)
#define CIRCLEQ_EMPTY(head) \
    (CIRCLEQ_FIRST(head) == CIRCLEQ_ENDC(head))

#define CIRCLEQ_LOOP_NEXT(head, elm, field) \
    (((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
     ? ((head)->cqh_first) \
     : (elm->field.cqe_next))
#define CIRCLEQ_LOOP_PREV(head, elm, field) \
    (((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
     ? ((head)->cqh_last) \
     : \
     (elm->field.cqe_prev))
#endif /* !_KERNEL */

#endif /* !_SYS_QUEUE_H_ */
#ifndef _SYS_CDEFS_H_
#define _SYS_CDEFS_H_

#warning usage of non-standard #include <sys/cdefs.h> is deprecated

#undef __P
#undef __PMT

#define __P(args) args
#define __PMT(args) args

#define __CONCAT(x,y) x ## y
#define __STRING(x) #x

#ifdef __cplusplus
# define __BEGIN_DECLS extern "C" {
# define __END_DECLS }
#else
# define __BEGIN_DECLS
# define __END_DECLS
#endif

#if defined(__GNUC__) && !defined(__cplusplus)
# define __THROW __attribute__((__nothrow__))
# define __NTH(fct) __attribute__((__nothrow__)) fct
#else

```



```

# define __THROW
# define __NTH(fct)  fct
#endif

#endif /* _SYS_CDEFS_H_ */
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
buildid="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright" # Backwards compatibility
provides="py-flake8-copyright=${pkgver}-r${pkgrel}" # Backwards compatibility

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

package() {
    gpep517 install-wheel --destdir "$pkgdir" \
        .dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
    flake8-copyright-0.2.4.tar.gz
"

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Version 2, June 1991

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```

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```
# Maintainer: fossdd <fossdd@pwned.life>
```

```
pkgname=cargo-license
```

```
pkgver=0.6.1
```

```
pkgrel=1
```

```
pkgdesc="Cargo subcommand to see license of dependencies"
```

```
url="https://github.com/onur/cargo-license"
```



```

arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
    default_prepare

    cargo fetch --target="$CTARGET" --locked
}

build() {
    cargo auditable build --release --frozen
}

check() {
    cargo test --frozen
}

package() {
    install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz
"

/* $NetBSD: tree.h,v 1.20 2013/09/14 13:20:45 joerg Exp $ */
/* $OpenBSD: tree.h,v 1.13 2011/07/09 00:19:45 pirofti Exp $ */
/* Modified by Void Linux. */
/*
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 */

```
#ifndef _SYS_TREE_H_
#define _SYS_TREE_H_
```

```
#ifdef __GNUC__
#define __GNUC_PREREQ__(x, y) \
  ((__GNUC__ == (x) && __GNUC_MINOR__ >= (y)) || \
   (__GNUC__ > (x)))
#else
#define __GNUC_PREREQ__(x, y) 0
#endif
```

```
#if __GNUC_PREREQ__(2, 7) || defined(__lint__)
#define _sys_tree_h_unused __attribute__((__unused__))
#else
#define _sys_tree_h_unused /* delete */
#endif
```

```
/*
 * This file defines data structures for different types of trees:
 * splay trees and red-black trees.
 *
 * A splay tree is a self-organizing
 * data structure. Every operation
 * on the tree causes a splay to happen. The splay moves the requested
 * node to the root of the tree and partly rebalances it.
 *
 * This has the benefit that request locality causes faster lookups as
 * the requested nodes move to the top of the tree. On the other hand,
 * every lookup causes memory writes.
 *
 * The Balance Theorem bounds the total access time for m operations
 * and n inserts on an initially empty tree as  $O((m + n)\lg n)$ . The
 * amortized cost for a sequence of m accesses to a splay tree is  $O(\lg n)$ ;
 *
 * A red-black tree is a binary search tree with the node color as an
 * extra attribute. It fulfills a set of conditions:
 * - every search path from the root to a leaf consists of the
 *   same number of black nodes,
 * - each red node (except for the root) has a black parent,
```

```

* - each leaf node is black.
*
* Every operation on a red-black tree is bounded as  $O(\lg n)$ .
* The maximum height of a red-black tree is  $2\lg(n+1)$ .
*/

#define SPLAY_HEAD(name, type) \
struct name { \
    struct type *sph_root; /* root of the tree */ \
}

#define SPLAY_INITIALIZER(root) \
{ NULL }

#define SPLAY_INIT(root) do { \
    (root)->sph_root = NULL; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ENTRY(type) \
struct { \
    struct type *spe_left; /* left element */ \
    struct type *spe_right; /* right element */ \
}

#define SPLAY_LEFT(elm, field) (elm)->field.spe_left
#define SPLAY_RIGHT(elm, field) (elm)->field.spe_right
#define SPLAY_ROOT(head) (head)->sph_root
#define SPLAY_EMPTY(head) (SPLAY_ROOT(head) == NULL)

/* SPLAY_ROTATE_{LEFT,RIGHT} expect that tmp hold SPLAY_{RIGHT,LEFT} */
#define SPLAY_ROTATE_RIGHT(head, tmp, field) do { \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(tmp, field); \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ROTATE_LEFT(head, tmp, field) do { \
    SPLAY_RIGHT((head)->sph_root, \
    field) = SPLAY_LEFT(tmp, field); \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKLEFT(head, tmp, field) do { \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_LEFT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

```

```

#define SPLAY_LINKRIGHT(head, tmp, field) do { \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ASSEMBLE(head, node, left, right, field) do { \
    SPLAY_RIGHT(left, field) = SPLAY_LEFT((head)->sph_root, field); \
    SPLAY_LEFT(right, field) = SPLAY_RIGHT((head)->sph_root, field); \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(node, field); \
    SPLAY_RIGHT((head)->sph_root, field) = SPLAY_LEFT(node, field); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */

#define
    SPLAY_PROTOTYPE(name, type, field, cmp) \
void name##_SPLAY(struct name *, struct type *); \
void name##_SPLAY_MINMAX(struct name *, int); \
struct type *name##_SPLAY_INSERT(struct name *, struct type *); \
struct type *name##_SPLAY_REMOVE(struct name *, struct type *); \
\
/* Finds the node with the same key as elm */ \
static __inline struct type * \
name##_SPLAY_FIND(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) \
        return(NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) \
        return (head->sph_root); \
    return (NULL); \
} \
\
static __inline _sys_tree_h_unused struct type * \
name##_SPLAY_NEXT(struct name *head, struct type *elm) \
{ \
    name##_SPLAY(head, elm); \
    if (SPLAY_RIGHT(elm, field) != NULL) { \
        elm = SPLAY_RIGHT(elm, field); \
        while (SPLAY_LEFT(elm, field) != NULL) { \
            elm = SPLAY_LEFT(elm, field); \
        } \
    } \
    else \
        elm = NULL; \
    return (elm); \
}

```

```

} \
\
static __sys_tree_h_unused __inline struct type * \
name##_SPLAY_MIN_MAX(struct name *head, int val) \
{ \
    name##_SPLAY_MINMAX(head, val); \
    return (SPLAY_ROOT(head)); \
}

/* Main splay operation.
 * Moves node close to the key of elm to top
 */
#define SPLAY_GENERATE(name, type, field, cmp) \
struct type * \
name##_SPLAY_INSERT(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) { \
        SPLAY_LEFT(elm, field) = SPLAY_RIGHT(elm, field) = NULL; \
    } else { \
        int __comp; \
        name##_SPLAY(head, elm); \
        __comp = (cmp)(elm, (head)->sph_root); \
        if(__comp < 0) { \
            SPLAY_LEFT(elm, field) = SPLAY_LEFT((head)->sph_root, field);\
            SPLAY_RIGHT(elm, field) = (head)->sph_root; \
            SPLAY_LEFT((head)->sph_root, field) = NULL; \
        } else if (__comp > 0) { \
            SPLAY_RIGHT(elm, \
field) = SPLAY_RIGHT((head)->sph_root, field);\
            SPLAY_LEFT(elm, field) = (head)->sph_root; \
            SPLAY_RIGHT((head)->sph_root, field) = NULL; \
        } else \
            return ((head)->sph_root); \
    } \
    (head)->sph_root = (elm); \
    return (NULL); \
} \
\
struct type * \
name##_SPLAY_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *__tmp; \
    if (SPLAY_EMPTY(head)) \
        return (NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) { \
        if (SPLAY_LEFT((head)->sph_root, field) == NULL) { \
            (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field);\

```

```

    } else { \
        __tmp = SPLAY_RIGHT((head)->sph_root, field); \
        (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);\
        name##_SPLAY(head, elm); \
        SPLAY_RIGHT((head)->sph_root, field) = __tmp; \
    } \
    return (elm); \
} \
return (NULL); \
} \
\
void \
name##_SPLAY(struct
name *head, struct type *elm) \
{ \
    struct type __node, *__left, *__right, *__tmp; \
    int __comp; \
    \
    SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
    __left = __right = &__node; \
    \
    while ((__comp = (cmp)(elm, (head)->sph_root)) != 0) { \
        if (__comp < 0) { \
            __tmp = SPLAY_LEFT((head)->sph_root, field); \
            if (__tmp == NULL) \
                break; \
            if ((cmp)(elm, __tmp) < 0){ \
                SPLAY_ROTATE_RIGHT(head, __tmp, field); \
                if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
                    break; \
            } \
            SPLAY_LINKLEFT(head, __right, field); \
        } else if (__comp > 0) { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field); \
            if (__tmp == NULL) \
                break; \
            if ((cmp)(elm, __tmp) > 0){ \
                SPLAY_ROTATE_LEFT(head, __tmp, field); \
                if (SPLAY_RIGHT((head)->sph_root, field) == NULL)\
                    break; \
            } \
            SPLAY_LINKRIGHT(head, __left, field); \
        } \
    } \
    SPLAY_ASSEMBLE(head,
    &__node, __left, __right, field); \
} \
\

```

```

/* Splay with either the minimum or the maximum element \
* Used to find minimum or maximum element in tree. \
*/ \
void name##_SPLAY_MINMAX(struct name *head, int __comp) \
{ \
    struct type __node, *__left, *__right, *__tmp; \
    \
    SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
    __left = __right = &__node; \
    \
    while (1) { \
        if (__comp < 0) { \
            __tmp = SPLAY_LEFT((head)->sph_root, field);\
            if (__tmp == NULL) \
                break; \
            if (__comp < 0){ \
                SPLAY_ROTATE_RIGHT(head, __tmp, field);\
                if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
                    break; \
            } \
            SPLAY_LINKLEFT(head, __right, field); \
        } else if (__comp > 0) { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field);\
            if (__tmp == NULL) \
                break; \
            if (__comp > 0) { \
                SPLAY_ROTATE_LEFT(head, __tmp, field);\
                if (SPLAY_RIGHT((head)->sph_root, \
field) == NULL)\
                    break; \
            } \
            SPLAY_LINKRIGHT(head, __left, field); \
        } \
    } \
    SPLAY_ASSEMBLE(head, &__node, __left, __right, field); \
}

```

```

#define SPLAY_NEGINF -1

```

```

#define SPLAY_INF 1

```

```

#define SPLAY_INSERT(name, x, y) name##_SPLAY_INSERT(x, y)
#define SPLAY_REMOVE(name, x, y) name##_SPLAY_REMOVE(x, y)
#define SPLAY_FIND(name, x, y) name##_SPLAY_FIND(x, y)
#define SPLAY_NEXT(name, x, y) name##_SPLAY_NEXT(x, y)
#define SPLAY_MIN(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_NEGINF))
#define SPLAY_MAX(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_INF))

```

```

#define SPLAY_FOREACH(x, name, head) \
for ((x) = SPLAY_MIN(name, head); \
(x) != NULL; \
(x) = SPLAY_NEXT(name, head, x))

/* Macros that define a red-black tree */
#define RB_HEAD(name, type) \
struct name { \
    struct type *rbh_root; /* root of the tree */ \
}

#define RB_INITIALIZER(root) \
{ \
    NULL \
}

#define RB_INIT(root) do { \
    (root)->rbh_root = NULL; \
} while (/*CONSTCOND*/ 0)

#define RB_BLACK 0
#define RB_RED 1
#define RB_ENTRY(type) \
struct { \
    struct type *rbe_left; /* left element */ \
    struct type *rbe_right; /* right element */ \
    struct type *rbe_parent; /* parent element */ \
    int rbe_color; /* node color */ \
}

#define RB_LEFT(elm, field) (elm)->field.rbe_left
#define RB_RIGHT(elm, field) (elm)->field.rbe_right
#define RB_PARENT(elm, field) (elm)->field.rbe_parent
#define RB_COLOR(elm, field) (elm)->field.rbe_color
#define RB_ROOT(head) (head)->rbh_root
#define RB_EMPTY(head) (RB_ROOT(head) == NULL)

#define RB_SET(elm, parent, field) do { \
    RB_PARENT(elm, field) = parent; \
    RB_LEFT(elm, field) = RB_RIGHT(elm, field) = NULL; \
    RB_COLOR(elm, field) = RB_RED; \
} while (/*CONSTCOND*/ 0)

#define RB_SET_BLACKRED(black, red, field) do { \
    RB_COLOR(black, field) = RB_BLACK; \
    RB_COLOR(red, field) \
    = RB_RED; \
} while (/*CONSTCOND*/ 0)

```



```

#ifndef RB_AUGMENT
#define RB_AUGMENT(x) do { } while (/*CONSTCOND*/ 0)
#endif

#define RB_ROTATE_LEFT(head, elm, tmp, field) do { \
    (tmp) = RB_RIGHT(elm, field); \
    if ((RB_RIGHT(elm, field) = RB_LEFT(tmp, field)) != NULL) { \
        RB_PARENT(RB_LEFT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else \
        (head)->rbh_root = (tmp); \
    RB_LEFT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \
        RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

#define RB_ROTATE_RIGHT(head, elm, tmp, field) do { \
    (tmp) = RB_LEFT(elm, field); \
    if ((RB_LEFT(elm, field) = RB_RIGHT(tmp, field)) \
        != NULL) { \
        RB_PARENT(RB_RIGHT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else \
        (head)->rbh_root = (tmp); \
    RB_RIGHT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \
        RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */
#define RB_PROTOTYPE(name, type, field, cmp) \

```

```

RB_PROTOTYPE_INTERNAL(name, type, field, cmp,)
#define RB_PROTOTYPE_STATIC(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_PROTOTYPE_INTERNAL(name, type, field, cmp, attr) \
    attr void name##_RB_INSERT_COLOR(struct name *, struct
    type *); \
    attr void name##_RB_REMOVE_COLOR(struct name *, struct type *, struct type *);\
    attr struct type *name##_RB_REMOVE(struct name *, struct type *); \
    attr struct type *name##_RB_INSERT(struct name *, struct type *); \
    attr struct type *name##_RB_FIND(struct name *, struct type *); \
    attr struct type *name##_RB_NFIND(struct name *, struct type *); \
    attr struct type *name##_RB_NEXT(struct type *); \
    attr struct type *name##_RB_PREV(struct type *); \
    attr struct type *name##_RB_MINMAX(struct name *, int); \
    \

/* Main rb operation.
 * Moves node close to the key of elm to top
 */
#define RB_GENERATE(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp,)
#define RB_GENERATE_STATIC(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_GENERATE_INTERNAL(name, type, field, cmp, attr) \
    attr void \
    name##_RB_INSERT_COLOR(struct name *head, struct type *elm) \
    { \
        \
        struct type
        *parent, *gparent, *tmp; \
        while ((parent = RB_PARENT(elm, field)) != NULL && \
            RB_COLOR(parent, field) == RB_RED) { \
            \
            gparent = RB_PARENT(parent, field); \
            if (parent == RB_LEFT(gparent, field)) { \
                tmp = RB_RIGHT(gparent, field); \
                if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
                    RB_COLOR(tmp, field) = RB_BLACK; \
                    RB_SET_BLACKRED(parent, gparent, field);\
                    elm = gparent; \
                    continue; \
                } \
            } \
            if (RB_RIGHT(parent, field) == elm) { \
                RB_ROTATE_LEFT(head, parent, tmp, field);\
                tmp = parent; \
                parent = elm; \
                elm = tmp; \
            } \
            RB_SET_BLACKRED(parent, gparent, field); \
            RB_ROTATE_RIGHT(head, gparent, tmp, field); \

```

```

    } else { \
        tmp = RB_LEFT(gparent, field); \
        if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
            RB_COLOR(tmp, field) = RB_BLACK; \
            RB_SET_BLACKRED(parent, gparent, field);\
            elm = gparent; \
            continue; \
        } \
        if (RB_LEFT(parent, field) == elm)
    { \
        RB_ROTATE_RIGHT(head, parent, tmp, field);\
        tmp = parent; \
        parent = elm; \
        elm = tmp; \
    } \
    RB_SET_BLACKRED(parent, gparent, field); \
    RB_ROTATE_LEFT(head, gparent, tmp, field);\
} \
} \
RB_COLOR(head->rbh_root, field) = RB_BLACK; \
} \
\
attr void \
name##_RB_REMOVE_COLOR(struct name *head, struct type *parent, struct type *elm) \
{ \
    struct type *tmp; \
    while ((elm == NULL || RB_COLOR(elm, field) == RB_BLACK) && \
        elm != RB_ROOT(head)) { \
        if (RB_LEFT(parent, field) == elm) { \
            tmp = RB_RIGHT(parent, field); \
            if (RB_COLOR(tmp, field) == RB_RED) { \
                RB_SET_BLACKRED(tmp, parent, field); \
                RB_ROTATE_LEFT(head, parent, tmp, field);\
                tmp = RB_RIGHT(parent, field); \
            } \
            if ((RB_LEFT(tmp, field) == NULL || \
                RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) && \
                (RB_RIGHT(tmp, field) == NULL || \
                RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
                RB_COLOR(tmp, field) = RB_RED; \
                elm = parent; \
                parent = RB_PARENT(elm, field); \
            } else { \
                if (RB_RIGHT(tmp, field) == NULL || \
                    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK) {\
                    struct type *oleft; \
                    if ((oleft = RB_LEFT(tmp, field)) \

```

```

    != NULL) \
    RB_COLOR(oleft, field) = RB_BLACK;\
    RB_COLOR(tmp, field) = RB_RED; \
    RB_ROTATE_RIGHT(head, tmp, oleft, field);\
    tmp = RB_RIGHT(parent, field); \
} \
RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
RB_COLOR(parent, field) = RB_BLACK; \
if (RB_RIGHT(tmp, field)) \
    RB_COLOR(RB_RIGHT(tmp, field), field) = RB_BLACK;\
    RB_ROTATE_LEFT(head, parent, tmp, field);\
    elm = RB_ROOT(head); \
    break; \
} \
} else { \
    tmp = RB_LEFT(parent, field); \
    if (RB_COLOR(tmp, field) == RB_RED) { \
        RB_SET_BLACKRED(tmp, parent, field); \
        RB_ROTATE_RIGHT(head, parent, tmp, field);\
        tmp
= RB_LEFT(parent, field); \
    } \
    if ((RB_LEFT(tmp, field) == NULL || \
        RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
        (RB_RIGHT(tmp, field) == NULL || \
        RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
        RB_COLOR(tmp, field) = RB_RED; \
        elm = parent; \
        parent = RB_PARENT(elm, field); \
    } else { \
        if (RB_LEFT(tmp, field) == NULL || \
            RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) {\
            struct type *oright; \
            if ((oright = RB_RIGHT(tmp, field)) \
                != NULL) \
                RB_COLOR(oright, field) = RB_BLACK;\
            RB_COLOR(tmp, field) = RB_RED; \
            RB_ROTATE_LEFT(head, tmp, oright, field);\
            tmp = RB_LEFT(parent, field); \
        } \
        RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
        RB_COLOR(parent, field) = RB_BLACK; \
        if (RB_LEFT(tmp, field)) \
            RB_COLOR(RB_LEFT(tmp, field), field) = RB_BLACK;\
        RB_ROTATE_RIGHT(head, parent, tmp, field);\
        elm = RB_ROOT(head); \
        break; \
    } \
} \

```

```

    }    \
}    \
if
(elm)    \
    RB_COLOR(elm, field) = RB_BLACK; \
}    \
    \
attr struct type *    \
name##_RB_REMOVE(struct name *head, struct type *elm) \
{    \
    struct type *child, *parent, *old = elm; \
    int color;    \
    if (RB_LEFT(elm, field) == NULL) \
        child = RB_RIGHT(elm, field); \
    else if (RB_RIGHT(elm, field) == NULL) \
        child = RB_LEFT(elm, field); \
    else {    \
        struct type *left; \
        elm = RB_RIGHT(elm, field); \
        while ((left = RB_LEFT(elm, field)) != NULL) \
            elm = left; \
        child = RB_RIGHT(elm, field); \
        parent = RB_PARENT(elm, field); \
        color = RB_COLOR(elm, field); \
        if (child) \
            RB_PARENT(child, field) = parent; \
        if (parent) {    \
            if (RB_LEFT(parent, field) == elm) \
                RB_LEFT(parent, field) = child; \
            else \
                RB_RIGHT(parent, field) = child; \
            RB_AUGMENT(parent); \
        } else \
            RB_ROOT(head)
    = child; \
    if (RB_PARENT(elm, field) == old) \
        parent = elm; \
    (elm)->field = (old)->field; \
    if (RB_PARENT(old, field)) {    \
        if (RB_LEFT(RB_PARENT(old, field), field) == old)\
            RB_LEFT(RB_PARENT(old, field), field) = elm;\
        else \
            RB_RIGHT(RB_PARENT(old, field), field) = elm;\
        RB_AUGMENT(RB_PARENT(old, field)); \
    } else \
        RB_ROOT(head) = elm; \
    RB_PARENT(RB_LEFT(old, field), field) = elm; \
    if (RB_RIGHT(old, field)) \

```

```

    RB_PARENT(RB_RIGHT(old, field), field) = elm; \
    if (parent) { \
        left = parent; \
        do { \
            RB_AUGMENT(left); \
        } while ((left = RB_PARENT(left, field)) != NULL); \
    } \
    goto color; \
} \
parent = RB_PARENT(elm, field); \
color = RB_COLOR(elm, field); \
if (child) \
    RB_PARENT(child, field) = parent; \
if (parent) { \
    if (RB_LEFT(parent, field) == elm) \
        RB_LEFT(parent, field) = child; \
    else \
        RB_RIGHT(parent, \
field) = child; \
    RB_AUGMENT(parent); \
} else \
    RB_ROOT(head) = child; \
color: \
if (color == RB_BLACK) \
    name##_RB_REMOVE_COLOR(head, parent, child); \
return (old); \
} \
\
/* Inserts a node into the RB tree */ \
attr struct type * \
name##_RB_INSERT(struct name *head, struct type *elm) \
{ \
    struct type *tmp; \
    struct type *parent = NULL; \
    int comp = 0; \
    tmp = RB_ROOT(head); \
    while (tmp) { \
        parent = tmp; \
        comp = (cmp)(elm, parent); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \
            tmp = RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    RB_SET(elm, parent, field); \
    if (parent != NULL) { \

```

```

    if (comp < 0)    \
        RB_LEFT(parent, field) = elm; \
    else            \
        RB_RIGHT(parent, field) = elm; \
    RB_AUGMENT(parent); \
} else            \
    RB_ROOT(head) = elm; \
name##_RB_INSERT_COLOR(head,
elm); \
return (NULL); \
} \
\
/* Finds the node with the same key as elm */ \
attr struct type * \
name##_RB_FIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \
    int comp; \
    while (tmp) { \
        comp = cmp(elm, tmp); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \
            tmp = RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    return (NULL); \
} \
\
/* Finds the first node greater than or equal to the search key */ \
attr struct type * \
name##_RB_NFIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \
    struct type *res = NULL; \
    int comp; \
    while (tmp) { \
        comp = cmp(elm, tmp); \
        if (comp < 0) { \
            res = tmp; \
            tmp = RB_LEFT(tmp, field); \
        } \
        else if (comp > 0) \
            tmp = \
RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    }

```

```

    } \
    return (res); \
} \
\
/* ARGSUSED */ \
attr struct type * \
name##_RB_NEXT(struct type *elm) \
{ \
    if (RB_RIGHT(elm, field)) { \
        elm = RB_RIGHT(elm, field); \
        while (RB_LEFT(elm, field)) \
            elm = RB_LEFT(elm, field); \
    } else { \
        if (RB_PARENT(elm, field) && \
            (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        else { \
            while (RB_PARENT(elm, field) && \
                (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
                elm = RB_PARENT(elm, field); \
            elm = RB_PARENT(elm, field); \
        } \
    } \
    return (elm); \
} \
\
/* ARGSUSED */ \
attr struct type * \
name##_RB_PREV(struct type *elm) \
{ \
    if (RB_LEFT(elm, field)) { \
        elm = RB_LEFT(elm, field); \
        while (RB_RIGHT(elm, field)) \
            elm = RB_RIGHT(elm, field); \
    } \
    else { \
        if (RB_PARENT(elm, field) && \
            (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        else { \
            while (RB_PARENT(elm, field) && \
                (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
                elm = RB_PARENT(elm, field); \
            elm = RB_PARENT(elm, field); \
        } \
    } \
    return (elm); \
} \

```



```

    \
attr struct type *    \
name##_RB_MINMAX(struct name *head, int val)  \
{
    \
    struct type *tmp = RB_ROOT(head);  \
    struct type *parent = NULL;  \
    while (tmp) {
        \
        parent = tmp;  \
        if (val < 0)  \
            tmp = RB_LEFT(tmp, field);  \
        else  \
            tmp = RB_RIGHT(tmp, field);  \
    }  \
    return (parent);  \
}

#define RB_NEGINF -1
#define RB_INF 1

#define RB_INSERT(name, x, y) name##_RB_INSERT(x, y)
#define RB_REMOVE(name, x, y) name##_RB_REMOVE(x, y)
#define RB_FIND(name, x, y) name##_RB_FIND(x, y)
#define RB_NFIND(name, x, y) name##_RB_NFIND(x,
y)
#define RB_NEXT(name, x, y) name##_RB_NEXT(y)
#define RB_PREV(name, x, y) name##_RB_PREV(y)
#define RB_MIN(name, x) name##_RB_MINMAX(x, RB_NEGINF)
#define RB_MAX(name, x) name##_RB_MINMAX(x, RB_INF)

#define RB_FOREACH(x, name, head)  \
for ((x) = RB_MIN(name, head);  \
     (x) != NULL;  \
     (x) = name##_RB_NEXT(x))

#define RB_FOREACH_FROM(x, name, y)  \
for ((x) = (y);  \
     ((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
     (x) = (y))

#define RB_FOREACH_SAFE(x, name, head, y)  \
for ((x) = RB_MIN(name, head);  \
     ((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
     (x) = (y))

#define RB_FOREACH_REVERSE(x, name, head)  \
for ((x) = RB_MAX(name, head);  \
     (x) != NULL;  \
     (x) = name##_RB_PREV(x))

```

```
#define RB_FOREACH_REVERSE_FROM(x, name, y) \
for ((x) = (y); \
    ((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
    (x) = (y))

#define RB_FOREACH_REVERSE_SAFE(x, name, \
head, y) \
for ((x) = RB_MAX(name, head); \
    ((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
    (x) = (y))

#endif /* _SYS_TREE_H_ */
```

1.148 musl-utils 1.2.5-r10

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1.149 alpine-base 3.22.0-r0

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"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95

<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

/* \$NetBSD: queue.h,v 1.70 2015/11/02 15:21:23 christos Exp \$ */

/*

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*

* @(#)queue.h 8.5 (Berkeley) 8/20/94

*/

#ifndef _SYS_QUEUE_H_

#define _SYS_QUEUE_H_

```

/*
* This file defines five types of data structures: singly-linked lists,
* lists, simple queues, tail queues, and circular queues.
*
* A singly-linked list is headed by a single forward pointer. The
* elements are singly linked for minimum space and
* pointer manipulation
* overhead at the expense of O(n) removal for arbitrary elements. New
* elements can be added to the list after an existing element or at the
* head of the list. Elements being removed from the head of the list
* should use the explicit macro for this purpose for optimum
* efficiency. A singly-linked list may only be traversed in the forward
* direction. Singly-linked lists are ideal for applications with large
* datasets and few or no removals or for implementing a LIFO queue.
*
* A list is headed by a single forward pointer (or an array of forward
* pointers for a hash table header). The elements are doubly linked
* so that an arbitrary element can be removed without a need to
* traverse the list. New elements can be added to the list before
* or after an existing element or at the head of the list. A list
* may only be traversed in the forward direction.
*
* A simple queue is headed by a pair of pointers, one the head of the
* list and the
* other to the tail of the list. The elements are singly
* linked to save space, so elements can only be removed from the
* head of the list. New elements can be added to the list after
* an existing element, at the head of the list, or at the end of the
* list. A simple queue may only be traversed in the forward direction.
*
* A tail queue is headed by a pair of pointers, one to the head of the
* list and the other to the tail of the list. The elements are doubly
* linked so that an arbitrary element can be removed without a need to
* traverse the list. New elements can be added to the list before or
* after an existing element, at the head of the list, or at the end of
* the list. A tail queue may be traversed in either direction.
*
* A circle queue is headed by a pair of pointers, one to the head of the
* list and the other to the tail of the list. The elements are doubly
* linked so that an arbitrary element can be removed without a need to
* traverse the list. New elements
* can be added to the list before or after
* an existing element, at the head of the list, or at the end of the list.
* A circle queue may be traversed in either direction, but has a more
* complex end of list detection.
*
* For details on the use of these macros, see the queue(3) manual page.

```



```

*/

/*
* Include the definition of NULL only on NetBSD because sys/null.h
* is not available elsewhere. This conditional makes the header
* portable and it can simply be dropped verbatim into any system.
* The caveat is that on other systems some other header
* must provide NULL before the macros can be used.
*/
#ifdef __NetBSD__
#include <sys/null.h>
#endif

#ifdef QUEUEDEBUG
# if defined(_KERNEL)
#  define QUEUEDEBUG_ABORT(...) panic(__VA_ARGS__)
# else
#  include <err.h>
#  define QUEUEDEBUG_ABORT(...) err(1, __VA_ARGS__)
# endif
#endif

/*
* Singly-linked List definitions.
*/
#define SLIST_HEAD(name, type) \
struct name { \
    struct type *slh_first; /* first \
    element */ \
}

#define SLIST_HEAD_INITIALIZER(head) \
{ NULL }

#define SLIST_ENTRY(type) \
struct { \
    struct type *sle_next; /* next element */ \
}

/*
* Singly-linked List access methods.
*/
#define SLIST_FIRST(head) ((head)->slh_first)
#define SLIST_END(head) NULL
#define SLIST_EMPTY(head) ((head)->slh_first == NULL)
#define SLIST_NEXT(elm, field) ((elm)->field.sle_next)

#define SLIST_FOREACH(var, head, field) \

```

```

for((var) = (head)->slh_first; \
    (var) != SLIST_END(head); \
    (var) = (var)->field.sle_next)

#define SLIST_FOREACH_SAFE(var, head, field, tvar) \
for ((var) = SLIST_FIRST((head)); \
    (var) != SLIST_END(head) && \
    ((tvar) = SLIST_NEXT((var), field), 1); \
    (var) = (tvar))

/*
 * Singly-linked List functions.
 */
#define SLIST_INIT(head) do { \
    (head)->slh_first = SLIST_END(head); \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_AFTER(slistelm, elm, field) do { \
    (elm)->field.sle_next = (slistelm)->field.sle_next; \
    (slistelm)->field.sle_next \
    = (elm); \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_HEAD(head, elm, field) do { \
    (elm)->field.sle_next = (head)->slh_first; \
    (head)->slh_first = (elm); \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_AFTER(slistelm, field) do { \
    (slistelm)->field.sle_next = \
        SLIST_NEXT(SLIST_NEXT((slistelm), field), field); \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_HEAD(head, field) do { \
    (head)->slh_first = (head)->slh_first->field.sle_next; \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE(head, elm, type, field) do { \
    if ((head)->slh_first == (elm)) { \
        SLIST_REMOVE_HEAD((head), field); \
    } \
    else { \
        struct type *curelm = (head)->slh_first; \
        while(curelm->field.sle_next != (elm)) \
            curelm = curelm->field.sle_next; \
        curelm->field.sle_next = \
            curelm->field.sle_next->field.sle_next; \
    } \
}

```

```

} while (/*CONSTCOND*/0)

/*
 * List definitions.
 */
#define LIST_HEAD(name, type) \
struct name { \
    struct type *lh_first; /* first element */ \
}

#define LIST_HEAD_INITIALIZER(head) \
{ NULL }

#define LIST_ENTRY(type) \
struct { \
    struct type *le_next; /* next element */ \
    struct type **le_prev; /* address of previous next element */ \
}

/*
 * List access methods.
 */
#define LIST_FIRST(head) ((head)->lh_first)
#define LIST_END(head) NULL
#define LIST_EMPTY(head) ((head)->lh_first == LIST_END(head))
#define LIST_NEXT(elm, field) ((elm)->field.le_next)

#define LIST_FOREACH(var, head, field) \
for ((var) = ((head)->lh_first); \
    (var) != LIST_END(head); \
    (var) = ((var)->field.le_next))

#define LIST_FOREACH_SAFE(var, head, field, tvar) \
for ((var) = LIST_FIRST((head)); \
    (var) != LIST_END(head) && \
    ((tvar) = LIST_NEXT((var), field), 1); \
    (var) = (tvar))

#define LIST_MOVE(head1, head2) do { \
    LIST_INIT((head2)); \
    if (!LIST_EMPTY((head1))) \
    { \
        (head2)->lh_first = (head1)->lh_first; \
        LIST_INIT((head1)); \
    } \
} while (/*CONSTCOND*/0)

```

```

/*
 * List functions.
 */
#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field) \
if ((head)->lh_first && \
    (head)->lh_first->field.le_prev != &(head)->lh_first) \
    QUEUEDEBUG_ABORT("LIST_INSERT_HEAD %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_OP(elm, field) \
if ((elm)->field.le_next && \
    (elm)->field.le_next->field.le_prev != \
    &(elm)->field.le_next) \
    QUEUEDEBUG_ABORT("LIST_* forw %p %s:%d", (elm), \
        __FILE__, __LINE__); \
if (*(elm)->field.le_prev != (elm)) \
    QUEUEDEBUG_ABORT("LIST_* back %p %s:%d", (elm), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field) \
(elm)->field.le_next = (void *)1L; \
(elm)->field.le_prev = (void *)1L;
#else
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_LIST_OP(elm,
    field)
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field)
#endif

#define LIST_INIT(head) do { \
    (head)->lh_first = LIST_END(head); \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_AFTER(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    if (((elm)->field.le_next = (listelm)->field.le_next) != \
        LIST_END(head)) \
        (listelm)->field.le_next->field.le_prev = \
            &(elm)->field.le_next; \
    (listelm)->field.le_next = (elm); \
    (elm)->field.le_prev = &(listelm)->field.le_next; \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    (elm)->field.le_prev = (listelm)->field.le_prev; \
    (elm)->field.le_next = (listelm); \
    *(listelm)->field.le_prev = (elm); \
    (listelm)->field.le_prev = &(elm)->field.le_next; \
} while (/*CONSTCOND*/0)

```

```

} while (/*CONSTCOND*/0)

#define LIST_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_LIST_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.le_next \
    = (head)->lh_first) != LIST_END(head))\
        (head)->lh_first->field.le_prev = &(elm)->field.le_next;\
    (head)->lh_first = (elm); \
    (elm)->field.le_prev = &(head)->lh_first; \
} while (/*CONSTCOND*/0)

#define LIST_REMOVE(elm, field) do { \
    QUEUEDEBUG_LIST_OP((elm), field) \
    if ((elm)->field.le_next != NULL) \
        (elm)->field.le_next->field.le_prev = \
            (elm)->field.le_prev; \
    *(elm)->field.le_prev = (elm)->field.le_next; \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

#define LIST_REPLACE(elm, elm2, field) do { \
    if (((elm2)->field.le_next = (elm)->field.le_next) != NULL) \
        (elm2)->field.le_next->field.le_prev = \
            &(elm2)->field.le_next; \
    (elm2)->field.le_prev = (elm)->field.le_prev; \
    *(elm2)->field.le_prev = (elm2); \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

/*
 * Simple queue definitions.
 */
#define SIMPLEQ_HEAD(name, type) \
struct name { \
    struct \
    type *sqh_first; /* first element */ \
    struct type **sqh_last; /* addr of last next element */ \
}

#define SIMPLEQ_HEAD_INITIALIZER(head) \
{ NULL, &(head).sqh_first }

#define SIMPLEQ_ENTRY(type) \
struct { \
    struct type *sqe_next; /* next element */ \
}

/*

```

```

* Simple queue access methods.
*/

#define SIMPLEQ_FIRST(head) ((head)->sqh_first)
#define SIMPLEQ_END(head) NULL
#define SIMPLEQ_EMPTY(head) ((head)->sqh_first == SIMPLEQ_END(head))
#define SIMPLEQ_NEXT(elm, field) ((elm)->field.sqe_next)

#define SIMPLEQ_FOREACH(var, head, field) \
for ((var) = ((head)->sqh_first); \
     (var) != SIMPLEQ_END(head); \
     (var) = ((var)->field.sqe_next))

#define SIMPLEQ_FOREACH_SAFE(var, head, field, next) \
for ((var) = ((head)->sqh_first); \
     (var) != SIMPLEQ_END(head) && \
     ((next = ((var)->field.sqe_next)), 1); \
     (var) = (next))

/*
* Simple queue functions.
*/

#define SIMPLEQ_INIT(head) do { \
(head)->sqh_first = NULL; \
(head)->sqh_last \
= &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_HEAD(head, elm, field) do { \
if (((elm)->field.sqe_next = (head)->sqh_first) == NULL) \
(head)->sqh_last = &(elm)->field.sqe_next; \
(head)->sqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_TAIL(head, elm, field) do { \
(elm)->field.sqe_next = NULL; \
*(head)->sqh_last = (elm); \
(head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
if (((elm)->field.sqe_next = (listelm)->field.sqe_next) == NULL) \
(head)->sqh_last = &(elm)->field.sqe_next; \
(listelm)->field.sqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_HEAD(head, field) do { \
if (((head)->sqh_first = (head)->sqh_first->field.sqe_next) == NULL) \
(head)->sqh_last = &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

```

```

} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_AFTER(head, elm, field) do { \
    if \
    (((elm)->field.sqe_next = (elm)->field.sqe_next->field.sqe_next) \
     == NULL) \
    (head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE(head, elm, type, field) do { \
    if ((head)->sqh_first == (elm)) { \
        SIMPLEQ_REMOVE_HEAD((head), field); \
    } else { \
        struct type *curelm = (head)->sqh_first; \
        while (curelm->field.sqe_next != (elm)) \
            curelm = curelm->field.sqe_next; \
        if ((curelm->field.sqe_next = \
            curelm->field.sqe_next->field.sqe_next) == NULL) \
            (head)->sqh_last = &(curelm)->field.sqe_next; \
    } \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_CONCAT(head1, head2) do { \
    if (!SIMPLEQ_EMPTY((head2))) { \
        *(head1)->sqh_last = (head2)->sqh_first; \
        (head1)->sqh_last = (head2)->sqh_last; \
        SIMPLEQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_LAST(head, type, field) \
    (SIMPLEQ_EMPTY((head)) ? \
     NULL : \
     ((struct type \
      *)((void *) \
        ((char *)((head)->sqh_last) - offsetof(struct type, field))))

/*
 * Tail queue definitions.
 */

#define _TAILQ_HEAD(name, type, qual) \
    struct name { \
        qual type *tqh_first; /* first element */ \
        qual type *qual *tqh_last; /* addr of last next element */ \
    }

#define TAILQ_HEAD(name, type) _TAILQ_HEAD(name, struct type,)

#define TAILQ_HEAD_INITIALIZER(head) \

```

```

{ TAILQ_END(head), &(head).tqh_first }

#define _TAILQ_ENTRY(type, qual) \
struct { \
    qual type *tqe_next; /* next element */ \
    qual type *qual *tqe_prev; /* address of previous next element */ \
}

#define TAILQ_ENTRY(type) _TAILQ_ENTRY(struct type,)

/*
 * Tail queue access methods.
 */

#define TAILQ_FIRST(head) ((head)->tqh_first)
#define TAILQ_END(head) (NULL)
#define TAILQ_NEXT(elm, field) ((elm)->field.tqe_next)
#define TAILQ_LAST(head, headname) \
    (((struct headname *) (void *) ((head)->tqh_last))->tqh_last)
#define TAILQ_PREV(elm, headname, field) \
    (((struct headname *) (void *) ((elm)->field.tqe_prev))->tqh_last)
#define TAILQ_EMPTY(head) (TAILQ_FIRST(head) == TAILQ_END(head))

#define TAILQ_FOREACH(var, head, field) \
    for ((var) = ((head)->tqh_first); \
        (var) != TAILQ_END(head); \
        (var) = ((var)->field.tqe_next))

#define TAILQ_FOREACH_SAFE(var, head, field, next) \
    for ((var) = ((head)->tqh_first); \
        (var) != TAILQ_END(head) && \
        ((next) = TAILQ_NEXT(var, field), 1); (var) = (next))

#define TAILQ_FOREACH_REVERSE(var, head, headname, field) \
    for ((var) = TAILQ_LAST((head), headname); \
        (var) != TAILQ_END(head); \
        (var) = TAILQ_PREV((var), headname, field))

#define TAILQ_FOREACH_REVERSE_SAFE(var, head, headname, field, prev) \
    for ((var) = TAILQ_LAST((head), headname); \
        (var) != TAILQ_END(head) && \
        ((prev) = TAILQ_PREV((var), headname, field), 1); (var) = (prev))

/*
 * Tail queue functions.
 */

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head,

```



```

elm, field) \
if ((head)->tqh_first && \
    (head)->tqh_first->field.tqe_prev != &(head)->tqh_first) \
    QUEUEDEBUG_ABORT("TAILQ_INSERT_HEAD %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field) \
if (*(head)->tqh_last != NULL) \
    QUEUEDEBUG_ABORT("TAILQ_INSERT_TAIL %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_OP(elm, field) \
if ((elm)->field.tqe_next && \
    (elm)->field.tqe_next->field.tqe_prev != \
    &(elm)->field.tqe_next) \
    QUEUEDEBUG_ABORT("TAILQ_* forw %p %s:%d", (elm), \
        __FILE__, __LINE__); \
if (*(elm)->field.tqe_prev != (elm)) \
    QUEUEDEBUG_ABORT("TAILQ_* back %p %s:%d", (elm), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field) \
if ((elm)->field.tqe_next == NULL && \
    (head)->tqh_last != &(elm)->field.tqe_next) \
    QUEUEDEBUG_ABORT("TAILQ_PREREMOVE head %p elm %p %s:%d", \
        (head), (elm), __FILE__, \
        __LINE__);
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field) \
(elm)->field.tqe_next = (void *)1L; \
(elm)->field.tqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field)
#define QUEUEDEBUG_TAILQ_OP(elm, field)
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field)
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field)
#endif

#define TAILQ_INIT(head) do { \
    (head)->tqh_first = TAILQ_END(head); \
    (head)->tqh_last = &(head)->tqh_first; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_TAILQ_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.tqe_next = (head)->tqh_first) != TAILQ_END(head)) \
        (head)->tqh_first->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm)->field.tqe_next; \
    (head)->tqh_first = (elm); \
}

```

```

(elm)->field.tqe_prev = &(head)->tqh_first; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_TAIL(head,
elm, field) do { \
    QUEUEDEBBUG_TAILQ_INSERT_TAIL((head), (elm), field) \
    (elm)->field.tqe_next = TAILQ_END(head); \
    (elm)->field.tqe_prev = (head)->tqh_last; \
    *(head)->tqh_last = (elm); \
    (head)->tqh_last = &(elm)->field.tqe_next; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBBUG_TAILQ_OP((listelm), field) \
    if (((elm)->field.tqe_next = (listelm)->field.tqe_next) != \
        TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm)->field.tqe_next; \
    (listelm)->field.tqe_next = (elm); \
    (elm)->field.tqe_prev = &(listelm)->field.tqe_next; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBBUG_TAILQ_OP((listelm), field) \
    (elm)->field.tqe_prev = (listelm)->field.tqe_prev; \
    (elm)->field.tqe_next = (listelm); \
    *(listelm)->field.tqe_prev = (elm); \
    (listelm)->field.tqe_prev \
    = &(elm)->field.tqe_next; \
} while (/*CONSTCOND*/0)

#define TAILQ_REMOVE(head, elm, field) do { \
    QUEUEDEBBUG_TAILQ_PREREMOVE((head), (elm), field) \
    QUEUEDEBBUG_TAILQ_OP((elm), field) \
    if (((elm)->field.tqe_next) != TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            (elm)->field.tqe_prev; \
    else \
        (head)->tqh_last = (elm)->field.tqe_prev; \
    *(elm)->field.tqe_prev = (elm)->field.tqe_next; \
    QUEUEDEBBUG_TAILQ_POSTREMOVE((elm), field); \
} while (/*CONSTCOND*/0)

#define TAILQ_REPLACE(head, elm, elm2, field) do { \
    if (((elm2)->field.tqe_next = (elm)->field.tqe_next) != \
        TAILQ_END(head)) \

```

```

        (elm2)->field.tqe_next->field.tqe_prev = \
            &(elm2)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm2)->field.tqe_next; \
        (elm2)->field.tqe_prev = (elm)->field.tqe_prev; \
        *(elm2)->field.tqe_prev = (elm2); \
    QUEUEDEBUG_TAILQ_POSTREMOVE((elm),
    field); \
} while (/*CONSTCOND*/0)

#define TAILQ_CONCAT(head1, head2, field) do { \
    if (!TAILQ_EMPTY(head2)) { \
        *(head1)->tqh_last = (head2)->tqh_first; \
        (head2)->tqh_first->field.tqe_prev = (head1)->tqh_last; \
        (head1)->tqh_last = (head2)->tqh_last; \
        TAILQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

/*
 * Singly-linked Tail queue declarations.
 */
#define STAILQ_HEAD(name, type) \
struct name { \
    struct type *stqh_first; /* first element */ \
    struct type **stqh_last; /* addr of last next element */ \
}

#define STAILQ_HEAD_INITIALIZER(head) \
{ NULL, &(head).stqh_first }

#define STAILQ_ENTRY(type) \
struct { \
    struct type *stqe_next; /* next element */ \
}

/*
 * Singly-linked Tail queue access methods.
 */
#define STAILQ_FIRST(head) ((head)->stqh_first)
#define STAILQ_END(head) NULL
#define STAILQ_NEXT(elm, field) ((elm)->field.stqe_next)
#define STAILQ_EMPTY(head) (STAILQ_FIRST(head) \
    == STAILQ_END(head))

/*
 * Singly-linked Tail queue functions.
 */

```

```

#define STAILQ_INIT(head) do { \
    (head)->stqh_first = NULL; \
    (head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_HEAD(head, elm, field) do { \
    if (((elm)->field.stqe_next = (head)->stqh_first) == NULL) \
        (head)->stqh_last = &(elm)->field.stqe_next; \
    (head)->stqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_TAIL(head, elm, field) do { \
    (elm)->field.stqe_next = NULL; \
    *(head)->stqh_last = (elm); \
    (head)->stqh_last = &(elm)->field.stqe_next; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_AFTER(head, listelm, elm, field) do { \
    if (((elm)->field.stqe_next = (listelm)->field.stqe_next) == NULL) \
        (head)->stqh_last = &(elm)->field.stqe_next; \
    (listelm)->field.stqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE_HEAD(head, field) do { \
    if (((head)->stqh_first = (head)->stqh_first->field.stqe_next) \
        == NULL) \
        (head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE(head, elm, type, field) do { \
    if ((head)->stqh_first == (elm)) { \
        STAILQ_REMOVE_HEAD((head), field); \
    } else { \
        struct type *curelm = (head)->stqh_first; \
        while (curelm->field.stqe_next != (elm)) \
            curelm = curelm->field.stqe_next; \
        if ((curelm->field.stqe_next = \
            curelm->field.stqe_next->field.stqe_next) == NULL) \
            (head)->stqh_last = &(curelm)->field.stqe_next; \
    } \
} while (/*CONSTCOND*/0)

#define STAILQ_FOREACH(var, head, field) \
    for ((var) = ((head)->stqh_first); \
        (var); \
        (var) = ((var)->field.stqe_next))

#define STAILQ_FOREACH_SAFE(var, head, field, tvar) \

```

```

for ((var) = STAILQ_FIRST((head)); \
    (var) && ((tvar) = STAILQ_NEXT((var), field), 1); \
    (var) = (tvar))

#define STAILQ_CONCAT(head1, head2) do { \
    if (!STAILQ_EMPTY((head2))) { \
        *(head1)->stqh_last \
        = (head2)->stqh_first; \
        (head1)->stqh_last = (head2)->stqh_last; \
        STAILQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

#define STAILQ_LAST(head, type, field) \
(STAILQ_EMPTY((head)) ? \
    NULL : \
    ((struct type *) (void *) \
    ((char *) ((head)->stqh_last) - offsetof(struct type, field))))

#ifdef _KERNEL
/*
 * Circular queue definitions. Do not use. We still keep the macros
 * for compatibility but because of pointer aliasing issues their use
 * is discouraged!
 */

/*
 * __launder_type(): We use this ugly hack to work around the the compiler
 * noticing that two types may not alias each other and elide tests in code.
 * We hit this in the CIRCLEQ macros when comparing 'struct name *' and
 * 'struct type *' (see CIRCLEQ_HEAD()). Modern compilers (such as GCC
 * 4.8) declare these comparisons as always false, causing the code to
 * not run as designed.
 *
 * This hack is only to be used for comparisons and thus can be fully const.
 * Do not use for assignment.
 *
 * If we ever choose to change the ABI of the CIRCLEQ macros, we could fix
 * this by changing the head/tail sentinel values, but see the note above
 * this one.
 */
static __inline const void * __launder_type(const void *);
static __inline const void *
__launder_type(const void *__x)
{
    __asm __volatile("" : "+r" (__x));
    return __x;
}

```

```

}

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field) \
if ((head)->cqh_first != CIRCLEQ_ENDC(head) && \
    (head)->cqh_first->field.cqe_prev != CIRCLEQ_ENDC(head)) \
    QUEUEDEBUG_ABORT("CIRCLEQ head forw %p %s:%d", (head), \
        __FILE__, __LINE__); \
if ((head)->cqh_last != CIRCLEQ_ENDC(head) && \
    (head)->cqh_last->field.cqe_next != CIRCLEQ_ENDC(head)) \
    QUEUEDEBUG_ABORT("CIRCLEQ head back %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field) \
if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) { \
    if ((head)->cqh_last != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ \
elm last %p %s:%d", \
            (elm), __FILE__, __LINE__); \
} else { \
    if ((elm)->field.cqe_next->field.cqe_prev != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ elm forw %p %s:%d", \
            (elm), __FILE__, __LINE__); \
} \
if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) { \
    if ((head)->cqh_first != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ elm first %p %s:%d", \
            (elm), __FILE__, __LINE__); \
} else { \
    if ((elm)->field.cqe_prev->field.cqe_next != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ elm prev %p %s:%d", \
            (elm), __FILE__, __LINE__); \
}
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field) \
(elm)->field.cqe_next = (void *)1L; \
(elm)->field.cqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field)
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field)
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field)
#endif

#define CIRCLEQ_HEAD(name, type) \
struct name { \
    struct type *cqh_first; /* \
first element */ \
    struct type *cqh_last; /* last element */ \
}

```

```

#define CIRCLEQ_HEAD_INITIALIZER(head) \
{ CIRCLEQ_END(&head), CIRCLEQ_END(&head) }

#define CIRCLEQ_ENTRY(type) \
struct { \
    struct type *cqe_next; /* next element */ \
    struct type *cqe_prev; /* previous element */ \
}

/*
 * Circular queue functions.
 */
#define CIRCLEQ_INIT(head) do { \
    (head)->cqh_first = CIRCLEQ_END(head); \
    (head)->cqh_last = CIRCLEQ_END(head); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBDEBUG_CIRCLEQ_ELM((head), (listelm), field) \
    (elm)->field.cqe_next = (listelm)->field.cqe_next; \
    (elm)->field.cqe_prev = (listelm); \
    if ((listelm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm); \
    else \
        (listelm)->field.cqe_next->field.cqe_prev = (elm); \
    (listelm)->field.cqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_BEFORE(head, \
listelm, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBDEBUG_CIRCLEQ_ELM((head), (listelm), field) \
    (elm)->field.cqe_next = (listelm); \
    (elm)->field.cqe_prev = (listelm)->field.cqe_prev; \
    if ((listelm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm); \
    else \
        (listelm)->field.cqe_prev->field.cqe_next = (elm); \
    (listelm)->field.cqe_prev = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    (elm)->field.cqe_next = (head)->cqh_first; \
    (elm)->field.cqe_prev = CIRCLEQ_END(head); \
    if ((head)->cqh_last == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm); \
} while (/*CONSTCOND*/0)

```

```

else    \
    (head)->cqh_first->field.cqe_prev = (elm); \
    (head)->cqh_first = (elm);    \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_TAIL(head, elm, field) do { \
    QUEUEDEBBUG_CIRCLEQ_HEAD((head), field) \
    (elm)->field.cqe_next \
    = CIRCLEQ_END(head); \
    (elm)->field.cqe_prev = (head)->cqh_last; \
    if ((head)->cqh_first == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm); \
    else    \
        (head)->cqh_last->field.cqe_next = (elm); \
    (head)->cqh_last = (elm);    \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_REMOVE(head, elm, field) do { \
    QUEUEDEBBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBBUG_CIRCLEQ_ELM((head), (elm), field) \
    if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm)->field.cqe_prev; \
    else    \
        (elm)->field.cqe_next->field.cqe_prev = \
            (elm)->field.cqe_prev; \
    if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm)->field.cqe_next; \
    else    \
        (elm)->field.cqe_prev->field.cqe_next = \
            (elm)->field.cqe_next; \
    QUEUEDEBBUG_CIRCLEQ_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_FOREACH(var, head, field) \
    for ((var) = ((head)->cqh_first); \
        (var) != CIRCLEQ_ENDC(head); \
        (var) \
        = ((var)->field.cqe_next))

#define CIRCLEQ_FOREACH_REVERSE(var, head, field) \
    for ((var) = ((head)->cqh_last); \
        (var) != CIRCLEQ_ENDC(head); \
        (var) = ((var)->field.cqe_prev))

/*
 * Circular queue access methods.
 */
#define CIRCLEQ_FIRST(head) ((head)->cqh_first)

```



```

#define CIRCLEQ_LAST(head) ((head)->cqh_last)
/* For comparisons */
#define CIRCLEQ_ENDC(head) (__lauder_type(head))
/* For assignments */
#define CIRCLEQ_END(head) ((void*)(head))
#define CIRCLEQ_NEXT(elm, field) ((elm)->field.cqe_next)
#define CIRCLEQ_PREV(elm, field) ((elm)->field.cqe_prev)
#define CIRCLEQ_EMPTY(head) \
    (CIRCLEQ_FIRST(head) == CIRCLEQ_ENDC(head))

#define CIRCLEQ_LOOP_NEXT(head, elm, field) \
    (((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
     ? ((head)->cqh_first) \
     : (elm->field.cqe_next))
#define CIRCLEQ_LOOP_PREV(head, elm, field) \
    (((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
     ? ((head)->cqh_last) \
     : \
     (elm->field.cqe_prev))
#endif /* !_KERNEL */

#endif /* !_SYS_QUEUE_H_ */
# Contributor: Francesco Colista <fcolista@alpinelinux.org>
# Maintainer: Bart Ribbers <bribbers@disroot.org>
pkgname=qt5-qtsensors
pkgver=5.15.10_git20230424
pkgrel=1
_module="{pkgname#qt5-}"
_pkgver=45c04582b15a9bb4be01ae99aa7fda1bbba7d0df
_fullname=$_module-$pkgver
pkgdesc="+The Qt Sensors API provides access to sensor hardware via QML and C++"
url="https://www.qt.io/developers/"
arch="all !armhf" # armhf blocked by qt5-qtdeclarative
license="LGPL-2.1-only AND LGPL-3.0-only AND GPL-3.0-only AND Qt-GPL-exception-1.0"
/* $NetBSD: tree.h,v 1.20 2013/09/14 13:20:45 joerg Exp $ */
/* $OpenBSD: tree.h,v 1.13 2011/07/09 00:19:45 pirofti Exp $ */
/* Modified by Void Linux. */
/*
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- * DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
- * THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
- * (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
- * THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
- */

```
#ifndef _SYS_TREE_H_
#define _SYS_TREE_H_
```

```
#ifdef __GNUC__
#define __GNUC_PREREQ__(x, y) \
((__GNUC__ == (x) && __GNUC_MINOR__ >= (y)) || \
 (__GNUC__ > (x)))
#else
#define __GNUC_PREREQ__(x, y) 0
#endif
```

```
#if __GNUC_PREREQ__(2, 7) || defined(__lint__)
#define _sys_tree_h_unused __attribute__((__unused__))
#else
#define _sys_tree_h_unused /* delete */
#endif
```

```
/*
 * This file defines data structures for different types of trees:
 * splay trees and red-black trees.
 *
 * A splay tree is a self-organizing
 * data structure. Every operation
 * on the tree causes a splay to happen. The splay moves the requested
 * node to the root of the tree and partly rebalances it.
 *
 * This has the benefit that request locality causes faster lookups as
 * the requested nodes move to the top of the tree. On the other hand,
 * every lookup causes memory writes.
 *
 * The Balance Theorem bounds the total access time for m operations
 * and n inserts on an initially empty tree as O((m + n)lg n). The
 * amortized cost for a sequence of m accesses to a splay tree is O(lg n);
```

```

*
* A red-black tree is a binary search tree with the node color as an
* extra attribute. It fulfills a set of conditions:
* - every search path from the root to a leaf consists of the
*   same number of black nodes,
* - each red node (except for the root) has a black parent,
* - each leaf node is black.
*
* Every operation on a red-black tree is bounded as  $O(\lg n)$ .
* The maximum height of a red-black tree is  $2\lg(n+1)$ .
*/

#define SPLAY_HEAD(name, type) \
struct name { \
    struct type *sph_root; /* root of the tree */ \
}

#define SPLAY_INITIALIZER(root) \
{ NULL }

#define SPLAY_INIT(root) do { \
    (root)->sph_root = NULL; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ENTRY(type) \
struct { \
    struct type *spe_left; /* left element */ \
    struct type *spe_right; /* right element */ \
}

#define SPLAY_LEFT(elm, field) (elm)->field.spe_left
#define SPLAY_RIGHT(elm, field) (elm)->field.spe_right
#define SPLAY_ROOT(head) (head)->sph_root
#define SPLAY_EMPTY(head) (SPLAY_ROOT(head) == NULL)

/* SPLAY_ROTATE_{LEFT,RIGHT} expect that tmp hold SPLAY_{RIGHT,LEFT} */
#define SPLAY_ROTATE_RIGHT(head, tmp, field) do { \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(tmp, field); \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ROTATE_LEFT(head, tmp, field) do { \
    SPLAY_RIGHT((head)->sph_root, \
    field) = SPLAY_LEFT(tmp, field); \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

```

```

#define SPLAY_LINKLEFT(head, tmp, field) do { \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_LEFT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKRIGHT(head, tmp, field) do { \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ASSEMBLE(head, node, left, right, field) do { \
    SPLAY_RIGHT(left, field) = SPLAY_LEFT((head)->sph_root, field); \
    SPLAY_LEFT(right, field) = SPLAY_RIGHT((head)->sph_root, field); \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(node, field); \
    SPLAY_RIGHT((head)->sph_root, field) = SPLAY_LEFT(node, field); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */

#define
    SPLAY_PROTOTYPE(name, type, field, cmp) \
void name##_SPLAY(struct name *, struct type *); \
void name##_SPLAY_MINMAX(struct name *, int); \
struct type *name##_SPLAY_INSERT(struct name *, struct type *); \
struct type *name##_SPLAY_REMOVE(struct name *, struct type *); \
    \
/* Finds the node with the same key as elm */ \
static __inline struct type * \
name##_SPLAY_FIND(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) \
        return(NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) \
        return (head->sph_root); \
    return (NULL); \
} \
    \
static __inline _sys_tree_h_unused struct type * \
name##_SPLAY_NEXT(struct name *head, struct type *elm) \
{ \
    name##_SPLAY(head, elm); \
    if (SPLAY_RIGHT(elm, field) != NULL) { \
        elm = SPLAY_RIGHT(elm, field); \
        while (SPLAY_LEFT(elm, field) != NULL) { \

```

```

    elm = SPLAY_LEFT(elm, field); \
} \
}
else \
    elm = NULL; \
return (elm); \
} \
\
static __sys_tree_h_unused __inline struct type * \
name##_SPLAY_MIN_MAX(struct name *head, int val) \
{ \
    name##_SPLAY_MINMAX(head, val); \
    return (SPLAY_ROOT(head)); \
}

/* Main splay operation.
 * Moves node close to the key of elm to top
 */
#define SPLAY_GENERATE(name, type, field, cmp) \
struct type * \
name##_SPLAY_INSERT(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) { \
        SPLAY_LEFT(elm, field) = SPLAY_RIGHT(elm, field) = NULL; \
    } else { \
        int __comp; \
        name##_SPLAY(head, elm); \
        __comp = (cmp)(elm, (head)->sph_root); \
        if (__comp < 0) { \
            SPLAY_LEFT(elm, field) = SPLAY_LEFT((head)->sph_root, field); \
            SPLAY_RIGHT(elm, field) = (head)->sph_root; \
            SPLAY_LEFT((head)->sph_root, field) = NULL; \
        } else if (__comp > 0) { \
            SPLAY_RIGHT(elm, \
field) = SPLAY_RIGHT((head)->sph_root, field); \
            SPLAY_LEFT(elm, field) = (head)->sph_root; \
            SPLAY_RIGHT((head)->sph_root, field) = NULL; \
        } else \
            return ((head)->sph_root); \
    } \
    (head)->sph_root = (elm); \
    return (NULL); \
} \
\
struct type * \
name##_SPLAY_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *__tmp; \

```

```

if (SPLAY_EMPTY(head)) \
    return (NULL); \
name##_SPLAY(head, elm); \
if ((cmp)(elm, (head)->sph_root) == 0) { \
    if (SPLAY_LEFT((head)->sph_root, field) == NULL) { \
        (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field);\
    } else { \
        __tmp = SPLAY_RIGHT((head)->sph_root, field); \
        (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);\
        name##_SPLAY(head, elm); \
        SPLAY_RIGHT((head)->sph_root, field) = __tmp; \
    } \
    return (elm); \
} \
return (NULL); \
} \
\
void \
name##_SPLAY(struct
    name *head, struct type *elm) \
{ \
    struct type __node, *__left, *__right, *__tmp; \
    int __comp; \
    \
    SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
    __left = __right = &__node; \
    \
    while ((__comp = (cmp)(elm, (head)->sph_root)) != 0) { \
        if (__comp < 0) { \
            __tmp = SPLAY_LEFT((head)->sph_root, field); \
            if (__tmp == NULL) \
                break; \
            if ((cmp)(elm, __tmp) < 0){ \
                SPLAY_ROTATE_RIGHT(head, __tmp, field); \
                if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
                    break; \
            } \
            SPLAY_LINKLEFT(head, __right, field); \
        } else if (__comp > 0) { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field); \
            if (__tmp == NULL) \
                break; \
            if ((cmp)(elm, __tmp) > 0){ \
                SPLAY_ROTATE_LEFT(head, __tmp, field); \
                if (SPLAY_RIGHT((head)->sph_root, field) == NULL)\
                    break; \
            } \
            SPLAY_LINKRIGHT(head, __left, field); \
        } \
    } \
}

```

```

    } \
} \
SPLAY_ASSEMBLE(head,
&__node, __left, __right, field); \
} \
\
/* Splay with either the minimum or the maximum element \
* Used to find minimum or maximum element in tree. \
*/ \
void name##_SPLAY_MINMAX(struct name *head, int __comp) \
{ \
    struct type __node, *__left, *__right, *__tmp; \
\
    SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
    __left = __right = &__node; \
\
    while (1) { \
        if (__comp < 0) { \
            __tmp = SPLAY_LEFT((head)->sph_root, field); \
            if (__tmp == NULL) \
                break; \
            if (__comp < 0){ \
                SPLAY_ROTATE_RIGHT(head, __tmp, field); \
                if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
                    break; \
            } \
            SPLAY_LINKLEFT(head, __right, field); \
        } else if (__comp > 0) { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field); \
            if (__tmp == NULL) \
                break; \
            if (__comp > 0) { \
                SPLAY_ROTATE_LEFT(head, __tmp, field); \
                if (SPLAY_RIGHT((head)->sph_root,
field) == NULL)\
                    break; \
            } \
            SPLAY_LINKRIGHT(head, __left, field); \
        } \
    } \
    SPLAY_ASSEMBLE(head, &__node, __left, __right, field); \
}

#define SPLAY_NEGINF -1
#define SPLAY_INF 1

#define SPLAY_INSERT(name, x, y) name##_SPLAY_INSERT(x, y)
#define SPLAY_REMOVE(name, x, y) name##_SPLAY_REMOVE(x, y)

```

```

#define SPLAY_FIND(name, x, y) name##_SPLAY_FIND(x, y)
#define SPLAY_NEXT(name, x, y) name##_SPLAY_NEXT(x, y)
#define SPLAY_MIN(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_NEGINF))
#define SPLAY_MAX(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_INF))

#define SPLAY_FOREACH(x, name, head) \
    for ((x) = SPLAY_MIN(name, head); \
        (x) != NULL; \
        (x) = SPLAY_NEXT(name, head, x))

/* Macros that define a red-black tree */
#define RB_HEAD(name, type) \
    struct name { \
        struct type *rbh_root; /* root of the tree */ \
    }

#define RB_INITIALIZER(root) \
    { \
        NULL \
    }

#define RB_INIT(root) do { \
    (root)->rbh_root = NULL; \
} while (/*CONSTCOND*/ 0)

#define RB_BLACK 0
#define RB_RED 1
#define RB_ENTRY(type) \
    struct { \
        struct type *rbe_left; /* left element */ \
        struct type *rbe_right; /* right element */ \
        struct type *rbe_parent; /* parent element */ \
        int rbe_color; /* node color */ \
    }

#define RB_LEFT(elm, field) (elm)->field.rbe_left
#define RB_RIGHT(elm, field) (elm)->field.rbe_right
#define RB_PARENT(elm, field) (elm)->field.rbe_parent
#define RB_COLOR(elm, field) (elm)->field.rbe_color
#define RB_ROOT(head) (head)->rbh_root
#define RB_EMPTY(head) (RB_ROOT(head) == NULL)

#define RB_SET(elm, parent, field) do { \
    RB_PARENT(elm, field) = parent; \
    RB_LEFT(elm, field) = RB_RIGHT(elm, field) = NULL; \
    RB_COLOR(elm, field) = RB_RED; \
} while (/*CONSTCOND*/ 0)

```



```

#define RB_SET_BLACKRED(black, red, field) do { \
    RB_COLOR(black, field) = RB_BLACK; \
    RB_COLOR(red, field) \
    = RB_RED; \
} while (/*CONSTCOND*/ 0)

#ifndef RB_AUGMENT
#define RB_AUGMENT(x) do {} while (/*CONSTCOND*/ 0)
#endif

#define RB_ROTATE_LEFT(head, elm, tmp, field) do { \
    (tmp) = RB_RIGHT(elm, field); \
    if ((RB_RIGHT(elm, field) = RB_LEFT(tmp, field)) != NULL) { \
        RB_PARENT(RB_LEFT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else \
        (head)->rbh_root = (tmp); \
    RB_LEFT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \
        RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

#define RB_ROTATE_RIGHT(head, elm, tmp, field) do { \
    (tmp) = RB_LEFT(elm, field); \
    if ((RB_LEFT(elm, field) = RB_RIGHT(tmp, field)) \
    != NULL) { \
        RB_PARENT(RB_RIGHT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else \
        (head)->rbh_root = (tmp); \
    RB_RIGHT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
} while (/*CONSTCOND*/ 0)

```

```

if ((RB_PARENT(tmp, field))) \
    RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */
#define RB_PROTOTYPE(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp,)
#define RB_PROTOTYPE_STATIC(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_PROTOTYPE_INTERNAL(name, type, field, cmp, attr) \
    attr void name##_RB_INSERT_COLOR(struct name *, struct \
        type *); \
    attr void name##_RB_REMOVE_COLOR(struct name *, struct type *, struct type *);\
    attr struct type *name##_RB_REMOVE(struct name *, struct type *); \
    attr struct type *name##_RB_INSERT(struct name *, struct type *); \
    attr struct type *name##_RB_FIND(struct name *, struct type *); \
    attr struct type *name##_RB_NFIND(struct name *, struct type *); \
    attr struct type *name##_RB_NEXT(struct type *); \
    attr struct type *name##_RB_PREV(struct type *); \
    attr struct type *name##_RB_MINMAX(struct name *, int); \
    \

/* Main rb operation.
 * Moves node close to the key of elm to top
 */
#define RB_GENERATE(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp,)
#define RB_GENERATE_STATIC(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_GENERATE_INTERNAL(name, type, field, cmp, attr) \
    attr void \
    name##_RB_INSERT_COLOR(struct name *head, struct type *elm) \
    { \
        \
        struct type \
        *parent, *gparent, *tmp; \
        while ((parent = RB_PARENT(elm, field)) != NULL && \
            RB_COLOR(parent, field) == RB_RED) { \
            \
            gparent = RB_PARENT(parent, field); \
            if (parent == RB_LEFT(gparent, field)) { \
                \
                tmp = RB_RIGHT(gparent, field); \
                if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
                    \
                    RB_COLOR(tmp, field) = RB_BLACK; \
                    RB_SET_BLACKRED(parent, gparent, field);\
                    elm = gparent; \
                    continue; \
                } \
            } \
            if (RB_RIGHT(parent, field) == elm) { \
                \
                RB_ROTATE_LEFT(head, parent, tmp, field);\
            } \
        } \
    } \

```

```

    tmp = parent; \
    parent = elm; \
    elm = tmp; \
} \
RB_SET_BLACKRED(parent, gparent, field); \
RB_ROTATE_RIGHT(head, gparent, tmp, field); \
} else { \
    tmp = RB_LEFT(gparent, field); \
    if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
        RB_COLOR(tmp, field) = RB_BLACK; \
        RB_SET_BLACKRED(parent, gparent, field); \
        elm = gparent; \
        continue; \
    } \
    if (RB_LEFT(parent, field) == elm)
{ \
    RB_ROTATE_RIGHT(head, parent, tmp, field); \
    tmp = parent; \
    parent = elm; \
    elm = tmp; \
} \
    RB_SET_BLACKRED(parent, gparent, field); \
    RB_ROTATE_LEFT(head, gparent, tmp, field); \
} \
} \
RB_COLOR(head->rbh_root, field) = RB_BLACK; \
} \
\
attr void \
name##_RB_REMOVE_COLOR(struct name *head, struct type *parent, struct type *elm) \
{ \
    struct type *tmp; \
    while ((elm == NULL || RB_COLOR(elm, field) == RB_BLACK) && \
        elm != RB_ROOT(head)) { \
        if (RB_LEFT(parent, field) == elm) { \
            tmp = RB_RIGHT(parent, field); \
            if (RB_COLOR(tmp, field) == RB_RED) { \
                RB_SET_BLACKRED(tmp, parent, field); \
                RB_ROTATE_LEFT(head, parent, tmp, field); \
                tmp = RB_RIGHT(parent, field); \
            } \
            if ((RB_LEFT(tmp, field) == NULL || \
                RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) && \
                (RB_RIGHT(tmp, field) == NULL || \
                RB_COLOR(RB_RIGHT(tmp,
field), field) == RB_BLACK)) {\
                RB_COLOR(tmp, field) = RB_RED; \
                elm = parent; \

```

```

parent = RB_PARENT(elm, field); \
} else { \
if (RB_RIGHT(tmp, field) == NULL || \
    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK) {\
    struct type *oleft; \
    if ((oleft = RB_LEFT(tmp, field)) \
        != NULL) \
        RB_COLOR(oleft, field) = RB_BLACK;\
    RB_COLOR(tmp, field) = RB_RED; \
    RB_ROTATE_RIGHT(head, tmp, oleft, field);\
    tmp = RB_RIGHT(parent, field); \
} \
RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
RB_COLOR(parent, field) = RB_BLACK; \
if (RB_RIGHT(tmp, field)) \
    RB_COLOR(RB_RIGHT(tmp, field), field) = RB_BLACK;\
RB_ROTATE_LEFT(head, parent, tmp, field);\
elm = RB_ROOT(head); \
break; \
} \
} else { \
tmp = RB_LEFT(parent, field); \
if (RB_COLOR(tmp, field) == RB_RED) { \
    RB_SET_BLACKRED(tmp, parent, field); \
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    tmp
= RB_LEFT(parent, field); \
} \
if ((RB_LEFT(tmp, field) == NULL || \
    RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
    (RB_RIGHT(tmp, field) == NULL || \
    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
    RB_COLOR(tmp, field) = RB_RED; \
    elm = parent; \
    parent = RB_PARENT(elm, field); \
} else { \
if (RB_LEFT(tmp, field) == NULL || \
    RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) {\
    struct type *oright; \
    if ((oright = RB_RIGHT(tmp, field)) \
        != NULL) \
        RB_COLOR(oright, field) = RB_BLACK;\
    RB_COLOR(tmp, field) = RB_RED; \
    RB_ROTATE_LEFT(head, tmp, oright, field);\
    tmp = RB_LEFT(parent, field); \
} \
RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
RB_COLOR(parent, field) = RB_BLACK; \

```

```

    if (RB_LEFT(tmp, field)) \
        RB_COLOR(RB_LEFT(tmp, field), field) = RB_BLACK;\
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    elm = RB_ROOT(head); \
    break; \
} \
} \
} \
if
(elm) \
    RB_COLOR(elm, field) = RB_BLACK; \
} \
\
attr struct type * \
name##_RB_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *child, *parent, *old = elm; \
    int color; \
    if (RB_LEFT(elm, field) == NULL) \
        child = RB_RIGHT(elm, field); \
    else if (RB_RIGHT(elm, field) == NULL) \
        child = RB_LEFT(elm, field); \
    else { \
        struct type *left; \
        elm = RB_RIGHT(elm, field); \
        while ((left = RB_LEFT(elm, field)) != NULL) \
            elm = left; \
        child = RB_RIGHT(elm, field); \
        parent = RB_PARENT(elm, field); \
        color = RB_COLOR(elm, field); \
        if (child) \
            RB_PARENT(child, field) = parent; \
        if (parent) { \
            if (RB_LEFT(parent, field) == elm) \
                RB_LEFT(parent, field) = child; \
            else \
                RB_RIGHT(parent, field) = child; \
            RB_AUGMENT(parent); \
        } else \
            RB_ROOT(head)
    = child; \
    if (RB_PARENT(elm, field) == old) \
        parent = elm; \
    (elm)->field = (old)->field; \
    if (RB_PARENT(old, field)) { \
        if (RB_LEFT(RB_PARENT(old, field), field) == old)\
            RB_LEFT(RB_PARENT(old, field), field) = elm;\
        else \

```

```

    RB_RIGHT(RB_PARENT(old, field), field) = elm;\
    RB_AUGMENT(RB_PARENT(old, field)); \
} else \
    RB_ROOT(head) = elm; \
    RB_PARENT(RB_LEFT(old, field), field) = elm; \
    if (RB_RIGHT(old, field)) \
        RB_PARENT(RB_RIGHT(old, field), field) = elm; \
    if (parent) { \
        left = parent; \
        do { \
            RB_AUGMENT(left); \
        } while ((left = RB_PARENT(left, field)) != NULL); \
    } \
    goto color; \
} \
parent = RB_PARENT(elm, field); \
color = RB_COLOR(elm, field); \
if (child) \
    RB_PARENT(child, field) = parent; \
if (parent) { \
    if (RB_LEFT(parent, field) == elm) \
        RB_LEFT(parent, field) = child; \
    else \
        RB_RIGHT(parent,
field) = child; \
    RB_AUGMENT(parent); \
} else \
    RB_ROOT(head) = child; \
color: \
if (color == RB_BLACK) \
    name##_RB_REMOVE_COLOR(head, parent, child); \
return (old); \
} \
\
/* Inserts a node into the RB tree */ \
attr struct type * \
name##_RB_INSERT(struct name *head, struct type *elm) \
{ \
    struct type *tmp; \
    struct type *parent = NULL; \
    int comp = 0; \
    tmp = RB_ROOT(head); \
    while (tmp) { \
        parent = tmp; \
        comp = (cmp)(elm, parent); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \

```

```

    tmp = RB_RIGHT(tmp, field); \
else \
    return (tmp); \
} \
RB_SET(elm, parent, field); \
if (parent != NULL) { \
    if (comp < 0) \
        RB_LEFT(parent, field) = elm; \
    else \
        RB_RIGHT(parent, field) = elm; \
    RB_AUGMENT(parent); \
} else \
    RB_ROOT(head) = elm; \
name##_RB_INSERT_COLOR(head, \
elm); \
return (NULL); \
} \
\
/* Finds the node with the same key as elm */ \
attr struct type * \
name##_RB_FIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \
    int comp; \
    while (tmp) { \
        comp = cmp(elm, tmp); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \
            tmp = RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    return (NULL); \
} \
\
/* Finds the first node greater than or equal to the search key */ \
attr struct type * \
name##_RB_NFIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \
    struct type *res = NULL; \
    int comp; \
    while (tmp) { \
        comp = cmp(elm, tmp); \
        if (comp < 0) { \
            res = tmp; \
            tmp = RB_LEFT(tmp, field); \
        } \
    } \
    return (res); \
} \

```

```

    } \
    else if (comp > 0) \
        tmp =
RB_RIGHT(tmp, field); \
    else \
        return (tmp); \
    } \
    return (res); \
} \
\
/* ARGSUSED */ \
attr struct type * \
name##_RB_NEXT(struct type *elm) \
{ \
    if (RB_RIGHT(elm, field)) { \
        elm = RB_RIGHT(elm, field); \
        while (RB_LEFT(elm, field)) \
            elm = RB_LEFT(elm, field); \
    } else { \
        if (RB_PARENT(elm, field) && \
            (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        else { \
            while (RB_PARENT(elm, field) && \
                (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
                elm = RB_PARENT(elm, field); \
            elm = RB_PARENT(elm, field); \
        } \
    } \
    return (elm); \
} \
\
/* ARGSUSED */ \
attr struct type * \
name##_RB_PREV(struct type *elm) \
{ \
    if (RB_LEFT(elm, field)) { \
        elm = RB_LEFT(elm, field); \
        while (RB_RIGHT(elm, field)) \
            elm = RB_RIGHT(elm, field); \
    } \
    else { \
        if (RB_PARENT(elm, field) && \
            (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        else { \
            while (RB_PARENT(elm, field) && \
                (elm == RB_LEFT(RB_PARENT(elm, field), field))) \

```



```

    elm = RB_PARENT(elm, field); \
    elm = RB_PARENT(elm, field); \
} \
} \
return (elm); \
} \
\
attr struct type * \
name##_RB_MINMAX(struct name *head, int val) \
{ \
    struct type *tmp = RB_ROOT(head); \
    struct type *parent = NULL; \
    while (tmp) { \
        parent = tmp; \
        if (val < 0) \
            tmp = RB_LEFT(tmp, field); \
        else \
            tmp = RB_RIGHT(tmp, field); \
    } \
    return (parent); \
}

#define RB_NEGINF -1
#define RB_INF 1

#define RB_INSERT(name, x, y) name##_RB_INSERT(x, y)
#define RB_REMOVE(name, x, y) name##_RB_REMOVE(x, y)
#define RB_FIND(name, x, y) name##_RB_FIND(x, y)
#define RB_NFIND(name, x, y) name##_RB_NFIND(x, \
y)
#define RB_NEXT(name, x, y) name##_RB_NEXT(y)
#define RB_PREV(name, x, y) name##_RB_PREV(y)
#define RB_MIN(name, x) name##_RB_MINMAX(x, RB_NEGINF)
#define RB_MAX(name, x) name##_RB_MINMAX(x, RB_INF)

#define RB_FOREACH(x, name, head) \
for ((x) = RB_MIN(name, head); \
(x) != NULL; \
(x) = name##_RB_NEXT(x))

#define RB_FOREACH_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_SAFE(x, name, head, y) \
for ((x) = RB_MIN(name, head); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \

```

(x) = (y))

```
#define RB_FOREACH_REVERSE(x, name, head) \
for ((x) = RB_MAX(name, head); \
     (x) != NULL; \
     (x) = name##_RB_PREV(x))

#define RB_FOREACH_REVERSE_FROM(x, name, y) \
for ((x) = (y); \
     ((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
     (x) = (y))

#define RB_FOREACH_REVERSE_SAFE(x, name, \
head, y) \
for ((x) = RB_MAX(name, head); \
     ((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
     (x) = (y))
```

#endif /* _SYS_TREE_H_ */

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```

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```

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mini_sendmail - accept email on behalf of real sendmail

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1.150 alpine-release 3.22.0-r0

1.150.1 Available under license :

```
# Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>
# Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>
pkgname=spdx-licenses
pkgver=3.26.0
pkgrel=0
pkgdesc="Various data formats for the SPDX License List"
url="https://spdx.org/"
arch="noarch"
options="!check" # no test suite
license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

_types="html json rdfa rdft rdfturtle rdfxml template text"

for type in $_types; do
    subpackages="$subpackages $pkgname-$type:_subpkg"
done

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname=$pkgver-r$pkgrel"
    mkdir -p "$subpkgdir"/usr/share/spdx
    cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir"/usr/share/spdx
```

```

local i; for i in "$builddir"/text/*.txt;
do
  local license=${i##*/}
  echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
done
}

sha512sums="
67e618d4642dfe4f366935d9514d6f7941d3711e77c49bc1b340ac572d36015981b8f10c72a9f80f1d83e132ae7e5093c
0155e0c0e786e4777ee16d1cb7b885a  license-list-data-3.26.0.tar.gz
"

# Contributor: Patrycja Rosa <alpine@ptrcnull.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h
queue.h
tree.h
"

builddir="$srcdir"
options="!check" # just headers

package() {
  mkdir -p "$pkgdir"
  install -Dm644 -t "$pkgdir"/usr/include/sys \
    cdefs.h queue.h tree.h
}

sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178  cdefs.h
2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750  queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3  tree.h
"

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The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:

"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95
<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

/* \$NetBSD: queue.h,v 1.70 2015/11/02 15:21:23 christos Exp \$ */

/*

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*

* @(#)queue.h 8.5 (Berkeley) 8/20/94

*/

#ifndef _SYS_QUEUE_H_

#define _SYS_QUEUE_H_

/*

* This file defines five types of data structures: singly-linked lists,
* lists, simple queues, tail queues, and circular queues.

*

* A singly-linked list is headed by a single forward pointer. The
* elements are singly linked for minimum space and
* pointer manipulation

* overhead at the expense of O(n) removal for arbitrary elements. New
* elements can be added to the list after an existing element or at the
* head of the list. Elements being removed from the head of the list
* should use the explicit macro for this purpose for optimum
* efficiency. A singly-linked list may only be traversed in the forward
* direction. Singly-linked lists are ideal for applications with large
* datasets and few or no removals or for implementing a LIFO queue.

*

* A list is headed by a single forward pointer (or an array of forward
* pointers for a hash table header). The elements are doubly linked
* so that an arbitrary element can be removed without a need to
* traverse the list. New elements can be added to the list before
* or after an existing element or at the head of the list. A list
* may only be traversed in the forward direction.

*

* A simple queue is headed by a pair of pointers, one the head of the
* list and the

other to the tail of the list. The elements are singly

* linked to save space, so elements can only be removed from the
* head of the list. New elements can be added to the list after
* an existing element, at the head of the list, or at the end of the
* list. A simple queue may only be traversed in the forward direction.

*

* A tail queue is headed by a pair of pointers, one to the head of the
* list and the other to the tail of the list. The elements are doubly
* linked so that an arbitrary element can be removed without a need to
* traverse the list. New elements can be added to the list before or
* after an existing element, at the head of the list, or at the end of
* the list. A tail queue may be traversed in either direction.

*

- * A circle queue is headed by a pair of pointers, one to the head of the
- * list and the other to the tail of the list. The elements are doubly
- * linked so that an arbitrary element can be removed without a need to
- * traverse the list. New elements
- can be added to the list before or after
- * an existing element, at the head of the list, or at the end of the list.
- * A circle queue may be traversed in either direction, but has a more
- * complex end of list detection.
- *
- * For details on the use of these macros, see the queue(3) manual page.
- */

```
/*
 * Include the definition of NULL only on NetBSD because sys/null.h
 * is not available elsewhere. This conditional makes the header
 * portable and it can simply be dropped verbatim into any system.
 * The caveat is that on other systems some other header
 * must provide NULL before the macros can be used.
 */
```

```
#ifdef __NetBSD__
#include <sys/null.h>
#endif
```

```
#if defined(QUEUEDEBUG)
# if defined(_KERNEL)
# define QUEUEDEBUG_ABORT(...) panic(__VA_ARGS__)
# else
# include <err.h>
# define QUEUEDEBUG_ABORT(...) err(1, __VA_ARGS__)
# endif
#endif
```

```
/*
 * Singly-linked List definitions.
 */
#define SLIST_HEAD(name, type) \
struct name { \
    struct type *slh_first; /* first \
    element */ \
}

#define SLIST_HEAD_INITIALIZER(head) \
{ NULL }

#define SLIST_ENTRY(type) \
struct { \
    struct type *sle_next; /* next element */ \
}
```

```

/*
 * Singly-linked List access methods.
 */
#define SLIST_FIRST(head) ((head)->slh_first)
#define SLIST_END(head) NULL
#define SLIST_EMPTY(head) ((head)->slh_first == NULL)
#define SLIST_NEXT(elm, field) ((elm)->field.sle_next)

#define SLIST_FOREACH(var, head, field) \
    for((var) = (head)->slh_first; \
        (var) != SLIST_END(head); \
        (var) = (var)->field.sle_next)

#define SLIST_FOREACH_SAFE(var, head, field, tvar) \
    for ((var) = SLIST_FIRST((head)); \
        (var) != SLIST_END(head) && \
        ((tvar) = SLIST_NEXT((var), field), 1); \
        (var) = (tvar))

/*
 * Singly-linked List functions.
 */
#define SLIST_INIT(head) do { \
    (head)->slh_first = SLIST_END(head); \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_AFTER(slistelm, elm, field) do { \
    (elm)->field.sle_next = (slistelm)->field.sle_next; \
    (slistelm)->field.sle_next \
    = (elm); \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_HEAD(head, elm, field) do { \
    (elm)->field.sle_next = (head)->slh_first; \
    (head)->slh_first = (elm); \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_AFTER(slistelm, field) do { \
    (slistelm)->field.sle_next = \
        SLIST_NEXT(SLIST_NEXT((slistelm), field), field); \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_HEAD(head, field) do { \
    (head)->slh_first = (head)->slh_first->field.sle_next; \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE(head, elm, type, field) do { \

```

```

if ((head)->slh_first == (elm)) { \
    SLIST_REMOVE_HEAD((head), field); \
} \
else { \
    struct type *curelm = (head)->slh_first; \
    while(curelm->field.sle_next != (elm)) \
        curelm = curelm->field.sle_next; \
    curelm->field.sle_next = \
        curelm->field.sle_next->field.sle_next; \
} \
} while (/*CONSTCOND*/0)

/*
 * List definitions.
 */
#define LIST_HEAD(name, type) \
struct name { \
    struct type *lh_first; /* first element */ \
}

#define LIST_HEAD_INITIALIZER(head) \
{ NULL }

#define LIST_ENTRY(type) \
struct { \
    struct type *le_next; /* next element */ \
    struct type **le_prev; /* address of previous next element */ \
}

/*
 * List access methods.
 */
#define LIST_FIRST(head) ((head)->lh_first)
#define LIST_END(head) NULL
#define LIST_EMPTY(head) ((head)->lh_first == LIST_END(head))
#define LIST_NEXT(elm, field) ((elm)->field.le_next)

#define LIST_FOREACH(var, head, field) \
for ((var) = ((head)->lh_first); \
     (var) != LIST_END(head); \
     (var) = ((var)->field.le_next))

#define LIST_FOREACH_SAFE(var, head, field, tvar) \
for ((var) = LIST_FIRST((head)); \
     (var) != LIST_END(head) && \
     ((tvar) = LIST_NEXT((var), field), 1); \
     (var) = (tvar))

```



```

#define LIST_MOVE(head1, head2) do { \
    LIST_INIT((head2)); \
    if (!LIST_EMPTY((head1)))
    { \
        (head2)->lh_first = (head1)->lh_first; \
        LIST_INIT((head1)); \
    } \
} while (/*CONSTCOND*/0)

/*
 * List functions.
 */

#if defined(QUEUEDEDEBUG)
#define QUEUEDEDEBUG_LIST_INSERT_HEAD(head, elm, field) \
    if ((head)->lh_first && \
        (head)->lh_first->field.le_prev != &(head)->lh_first) \
        QUEUEDEDEBUG_ABORT("LIST_INSERT_HEAD %p %s:%d", (head), \
            __FILE__, __LINE__);
#define QUEUEDEDEBUG_LIST_OP(elm, field) \
    if ((elm)->field.le_next && \
        (elm)->field.le_next->field.le_prev != \
        &(elm)->field.le_next) \
        QUEUEDEDEBUG_ABORT("LIST_* forw %p %s:%d", (elm), \
            __FILE__, __LINE__); \
    if (*(elm)->field.le_prev != (elm)) \
        QUEUEDEDEBUG_ABORT("LIST_* back %p %s:%d", (elm), \
            __FILE__, __LINE__);
#define QUEUEDEDEBUG_LIST_POSTREMOVE(elm, field) \
    (elm)->field.le_next = (void *)1L; \
    (elm)->field.le_prev = (void *)1L;
#else
#define QUEUEDEDEBUG_LIST_INSERT_HEAD(head, elm, field)
#define QUEUEDEDEBUG_LIST_OP(elm, field)
#define QUEUEDEDEBUG_LIST_POSTREMOVE(elm, field)
#endif

#define LIST_INIT(head) do { \
    (head)->lh_first = LIST_END(head); \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_AFTER(listelm, elm, field) do { \
    QUEUEDEDEBUG_LIST_OP((listelm), field) \
    if (((elm)->field.le_next = (listelm)->field.le_next) != \
        LIST_END(head)) \
        (listelm)->field.le_next->field.le_prev = \
        &(elm)->field.le_next; \
} while (/*CONSTCOND*/0)

```

```

(listelm)->field.le_next = (elm); \
(elm)->field.le_prev = &(listelm)->field.le_next; \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    (elm)->field.le_prev = (listelm)->field.le_prev; \
    (elm)->field.le_next = (listelm); \
    *(listelm)->field.le_prev = (elm); \
    (listelm)->field.le_prev = &(elm)->field.le_next; \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_LIST_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.le_next \
    = (head)->lh_first) != LIST_END(head)) \
        (head)->lh_first->field.le_prev = &(elm)->field.le_next; \
    (head)->lh_first = (elm); \
    (elm)->field.le_prev = &(head)->lh_first; \
} while (/*CONSTCOND*/0)

#define LIST_REMOVE(elm, field) do { \
    QUEUEDEBUG_LIST_OP((elm), field) \
    if ((elm)->field.le_next != NULL) \
        (elm)->field.le_next->field.le_prev = \
            (elm)->field.le_prev; \
    *(elm)->field.le_prev = (elm)->field.le_next; \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

#define LIST_REPLACE(elm, elm2, field) do { \
    if (((elm2)->field.le_next = (elm)->field.le_next) != NULL) \
        (elm2)->field.le_next->field.le_prev = \
            &(elm2)->field.le_next; \
    (elm2)->field.le_prev = (elm)->field.le_prev; \
    *(elm2)->field.le_prev = (elm2); \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

/*
 * Simple queue definitions.
 */
#define SIMPLEQ_HEAD(name, type) \
struct name { \
    struct \
    type *sqh_first; /* first element */ \
    struct type **sqh_last; /* addr of last next element */ \
}

```

```

#define SIMPLEQ_HEAD_INITIALIZER(head)  \
{ NULL, &(head).sqh_first }

#define SIMPLEQ_ENTRY(type)  \
struct {  \
    struct type *sqe_next; /* next element */  \
}

/*
 * Simple queue access methods.
 */
#define SIMPLEQ_FIRST(head) ((head)->sqh_first)
#define SIMPLEQ_END(head) NULL
#define SIMPLEQ_EMPTY(head) ((head)->sqh_first == SIMPLEQ_END(head))
#define SIMPLEQ_NEXT(elm, field) ((elm)->field.sqe_next)

#define SIMPLEQ_FOREACH(var, head, field)  \
for ((var) = ((head)->sqh_first);  \
     (var) != SIMPLEQ_END(head);  \
     (var) = ((var)->field.sqe_next))

#define SIMPLEQ_FOREACH_SAFE(var, head, field, next)  \
for ((var) = ((head)->sqh_first);  \
     (var) != SIMPLEQ_END(head) &&  \
     ((next = ((var)->field.sqe_next)), 1);  \
     (var) = (next))

/*
 * Simple queue functions.
 */
#define SIMPLEQ_INIT(head) do {  \
    (head)->sqh_first = NULL;  \
    (head)->sqh_last  \
    = &(head)->sqh_first;  \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_HEAD(head, elm, field) do {  \
    if (((elm)->field.sqe_next = (head)->sqh_first) == NULL)  \
        (head)->sqh_last = &(elm)->field.sqe_next;  \
    (head)->sqh_first = (elm);  \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_TAIL(head, elm, field) do {  \
    (elm)->field.sqe_next = NULL;  \
    *(head)->sqh_last = (elm);  \
    (head)->sqh_last = &(elm)->field.sqe_next;  \
} while (/*CONSTCOND*/0)

```

```

#define SIMPLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
    if (((elm)->field.sqe_next = (listelm)->field.sqe_next) == NULL) \
        (head)->sqh_last = &(elm)->field.sqe_next; \
    (listelm)->field.sqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_HEAD(head, field) do { \
    if (((head)->sqh_first = (head)->sqh_first->field.sqe_next) == NULL) \
        (head)->sqh_last = &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_AFTER(head, elm, field) do { \
    if \
        (((elm)->field.sqe_next = (elm)->field.sqe_next->field.sqe_next) \
         == NULL) \
        (head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE(head, elm, type, field) do { \
    if ((head)->sqh_first == (elm)) { \
        SIMPLEQ_REMOVE_HEAD((head), field); \
    } else { \
        struct type *curelm = (head)->sqh_first; \
        while (curelm->field.sqe_next != (elm)) \
            curelm = curelm->field.sqe_next; \
        if ((curelm->field.sqe_next = \
            curelm->field.sqe_next->field.sqe_next) == NULL) \
            (head)->sqh_last = &(curelm)->field.sqe_next; \
    } \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_CONCAT(head1, head2) do { \
    if (!SIMPLEQ_EMPTY((head2))) { \
        *(head1)->sqh_last = (head2)->sqh_first; \
        (head1)->sqh_last = (head2)->sqh_last; \
        SIMPLEQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_LAST(head, type, field) \
    (SIMPLEQ_EMPTY((head)) ? \
     NULL : \
     ((struct type \
      *) (void *) \
      ((char *) ((head)->sqh_last) - offsetof(struct type, field))))

/*

```

```

* Tail queue definitions.
*/
#define _TAILQ_HEAD(name, type, qual) \
struct name { \
    qual type *tqh_first; /* first element */ \
    qual type *qual *tqh_last; /* addr of last next element */ \
}
#define TAILQ_HEAD(name, type) _TAILQ_HEAD(name, struct type,)

#define TAILQ_HEAD_INITIALIZER(head) \
    { TAILQ_END(head), &(head).tqh_first }

#define _TAILQ_ENTRY(type, qual) \
struct { \
    qual type *tqe_next; /* next element */ \
    qual type *qual *tqe_prev; /* address of previous next element */ \
}
#define TAILQ_ENTRY(type) _TAILQ_ENTRY(struct type,)

/*
* Tail queue access methods.
*/
#define TAILQ_FIRST(head) ((head)->tqh_first)
#define TAILQ_END(head) (NULL)
#define TAILQ_NEXT(elm, field) ((elm)->field.tqe_next)
#define TAILQ_LAST(head, headname) \
    (((struct headname *) (void *) ((head)->tqh_last))->tqh_last)
#define TAILQ_PREV(elm, headname, field) \
    (((struct headname *) (void *) ((elm)->field.tqe_prev))->tqh_last)
#define TAILQ_EMPTY(head) (TAILQ_FIRST(head) == TAILQ_END(head))

#define TAILQ_FOREACH(var, head, field) \
    for ((var) = ((head)->tqh_first); \
        (var) != TAILQ_END(head); \
        (var) = ((var)->field.tqe_next))

#define TAILQ_FOREACH_SAFE(var, head, field, next) \
    for ((var) = ((head)->tqh_first); \
        (var) != TAILQ_END(head) && \
        ((next) = TAILQ_NEXT(var, field), 1); (var) = (next))

#define TAILQ_FOREACH_REVERSE(var, head, headname, field) \
    for ((var) = TAILQ_LAST((head), headname); \
        (var) != TAILQ_END(head); \
        (var) = TAILQ_PREV((var), headname, field))

```

```

#define TAILQ_FOREACH_REVERSE_SAFE(var, head, headname, field, prev) \
for ((var) = TAILQ_LAST((head), headname); \
    (var) != TAILQ_END(head) && \
    ((prev) = TAILQ_PREV((var), headname, field), 1); (var) = (prev))

/*
 * Tail queue functions.
 */
#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, \
    elm, field) \
    if ((head)->tqh_first && \
        (head)->tqh_first->field.tqe_prev != &(head)->tqh_first) \
        QUEUEDEBUG_ABORT("TAILQ_INSERT_HEAD %p %s:%d", (head), \
            __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field) \
    if (*(head)->tqh_last != NULL) \
        QUEUEDEBUG_ABORT("TAILQ_INSERT_TAIL %p %s:%d", (head), \
            __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_OP(elm, field) \
    if ((elm)->field.tqe_next && \
        (elm)->field.tqe_next->field.tqe_prev != \
        &(elm)->field.tqe_next) \
        QUEUEDEBUG_ABORT("TAILQ_* forw %p %s:%d", (elm), \
            __FILE__, __LINE__); \
    if (*(elm)->field.tqe_prev != (elm)) \
        QUEUEDEBUG_ABORT("TAILQ_* back %p %s:%d", (elm), \
            __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field) \
    if ((elm)->field.tqe_next == NULL && \
        (head)->tqh_last != &(elm)->field.tqe_next) \
        QUEUEDEBUG_ABORT("TAILQ_PREREMOVE head %p elm %p %s:%d", \
            (head), (elm), __FILE__, \
            __LINE__);
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field) \
    (elm)->field.tqe_next = (void *)1L; \
    (elm)->field.tqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field)
#define QUEUEDEBUG_TAILQ_OP(elm, field)
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field)
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field)
#endif

#define TAILQ_INIT(head) do { \
    (head)->tqh_first = TAILQ_END(head); \
    (head)->tqh_last = &(head)->tqh_first; \
} while(0)

```

```

} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBDEBUG_TAILQ_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.tqe_next = (head)->tqh_first) != TAILQ_END(head)) \
        (head)->tqh_first->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm)->field.tqe_next; \
        (head)->tqh_first = (elm); \
        (elm)->field.tqe_prev = &(head)->tqh_first; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_TAIL(head, \
    elm, field) do { \
        QUEUEDEBDEBUG_TAILQ_INSERT_TAIL((head), (elm), field) \
        (elm)->field.tqe_next = TAILQ_END(head); \
        (elm)->field.tqe_prev = (head)->tqh_last; \
        *(head)->tqh_last = (elm); \
        (head)->tqh_last = &(elm)->field.tqe_next; \
    } while (/*CONSTCOND*/0)

#define TAILQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBDEBUG_TAILQ_OP((listelm), field) \
    if (((elm)->field.tqe_next = (listelm)->field.tqe_next) != \
        TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm)->field.tqe_next; \
        (listelm)->field.tqe_next = (elm); \
        (elm)->field.tqe_prev = &(listelm)->field.tqe_next; \
    } while (/*CONSTCOND*/0)

#define TAILQ_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBDEBUG_TAILQ_OP((listelm), field) \
    (elm)->field.tqe_prev = (listelm)->field.tqe_prev; \
    (elm)->field.tqe_next = (listelm); \
    *(listelm)->field.tqe_prev = (elm); \
    (listelm)->field.tqe_prev \
        = &(elm)->field.tqe_next; \
    } while (/*CONSTCOND*/0)

#define TAILQ_REMOVE(head, elm, field) do { \
    QUEUEDEBDEBUG_TAILQ_PREREMOVE((head), (elm), field) \
    QUEUEDEBDEBUG_TAILQ_OP((elm), field) \
    if (((elm)->field.tqe_next) != TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \

```

```

        (elm)->field.tqe_prev; \
else \
    (head)->tqh_last = (elm)->field.tqe_prev; \
    *(elm)->field.tqe_prev = (elm)->field.tqe_next; \
    QUEUEDEBUG_TAILQ_POSTREMOVE((elm), field); \
} while (/*CONSTCOND*/0)

#define TAILQ_REPLACE(head, elm, elm2, field) do { \
    if (((elm2)->field.tqe_next = (elm)->field.tqe_next) != \
        TAILQ_END(head)) \
        (elm2)->field.tqe_next->field.tqe_prev = \
            &(elm2)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm2)->field.tqe_next; \
        (elm2)->field.tqe_prev = (elm)->field.tqe_prev; \
        *(elm2)->field.tqe_prev = (elm2); \
    QUEUEDEBUG_TAILQ_POSTREMOVE((elm), \
        field); \
} while (/*CONSTCOND*/0)

#define TAILQ_CONCAT(head1, head2, field) do { \
    if (!TAILQ_EMPTY(head2)) { \
        *(head1)->tqh_last = (head2)->tqh_first; \
        (head2)->tqh_first->field.tqe_prev = (head1)->tqh_last; \
        (head1)->tqh_last = (head2)->tqh_last; \
        TAILQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

/*
 * Singly-linked Tail queue declarations.
 */
#define STAILQ_HEAD(name, type) \
struct name { \
    struct type *stqh_first; /* first element */ \
    struct type **stqh_last; /* addr of last next element */ \
}

#define STAILQ_HEAD_INITIALIZER(head) \
{ NULL, &(head).stqh_first }

#define STAILQ_ENTRY(type) \
struct { \
    struct type *stqe_next; /* next element */ \
}

/*
 * Singly-linked Tail queue access methods.

```



```

*/
#define STAILQ_FIRST(head) ((head)->stqh_first)
#define STAILQ_END(head) NULL
#define STAILQ_NEXT(elm, field) ((elm)->field.stqe_next)
#define STAILQ_EMPTY(head) (STAILQ_FIRST(head)
== STAILQ_END(head))

/*
* Singly-linked Tail queue functions.
*/
#define STAILQ_INIT(head) do { \
    (head)->stqh_first = NULL; \
    (head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_HEAD(head, elm, field) do { \
    if (((elm)->field.stqe_next = (head)->stqh_first) == NULL) \
        (head)->stqh_last = &(elm)->field.stqe_next; \
    (head)->stqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_TAIL(head, elm, field) do { \
    (elm)->field.stqe_next = NULL; \
    *(head)->stqh_last = (elm); \
    (head)->stqh_last = &(elm)->field.stqe_next; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_AFTER(head, listelm, elm, field) do { \
    if (((elm)->field.stqe_next = (listelm)->field.stqe_next) == NULL) \
        (head)->stqh_last = &(elm)->field.stqe_next; \
    (listelm)->field.stqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE_HEAD(head, field) do { \
    if (((head)->stqh_first = (head)->stqh_first->field.stqe_next) \
        == NULL) \
        (head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE(head, elm, type, field) do { \
    if ((head)->stqh_first == (elm)) { \
        STAILQ_REMOVE_HEAD((head), field); \
    } else { \
        struct type *curelm = (head)->stqh_first; \
        while (curelm->field.stqe_next != (elm)) \
            curelm = curelm->field.stqe_next; \
        if ((curelm->field.stqe_next = \
            curelm->field.stqe_next->field.stqe_next) == NULL) \

```

```

    (head)->stqh_last = &(curelm)->field.stqe_next; \
} \
} while (/*CONSTCOND*/0)

#define STAILQ_FOREACH(var, head, field) \
for ((var) = ((head)->stqh_first); \
     (var); \
     (var) = ((var)->field.stqe_next))

#define STAILQ_FOREACH_SAFE(var, head, field, tvar) \
for ((var) = STAILQ_FIRST((head)); \
     (var) && ((tvar) = STAILQ_NEXT((var), field), 1); \
     (var) = (tvar))

#define STAILQ_CONCAT(head1, head2) do { \
    if (!STAILQ_EMPTY((head2))) { \
        *(head1)->stqh_last \
        = (head2)->stqh_first; \
        (head1)->stqh_last = (head2)->stqh_last; \
        STAILQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

#define STAILQ_LAST(head, type, field) \
(STAILQ_EMPTY((head)) ? \
    NULL : \
    ((struct type *) (void *) \
    ((char *)((head)->stqh_last) - offsetof(struct type, field))))

#ifdef _KERNEL
/*
 * Circular queue definitions. Do not use. We still keep the macros
 * for compatibility but because of pointer aliasing issues their use
 * is discouraged!
 */

/*
 * __launder_type(): We use this ugly hack to work around the the compiler
 * noticing that two types may not alias each other and elide tests in code.
 * We hit this in the CIRCLEQ macros when comparing 'struct name *' and
 * 'struct type *' (see CIRCLEQ_HEAD()). Modern compilers (such as GCC
 * 4.8) declare these comparisons as always false, causing the code to
 * not run as designed.
 *
 * This hack is only to be used for comparisons and thus can be fully const.
 * Do not use for assignment.
 */

```

```

* If we ever choose to change the ABI of the CIRCLEQ macros, we could fix
* this by changing the head/tail sentinel values, but see the note above
* this one.
*/
static __inline const void * __launder_type(const void *);
static __inline const void *
__launder_type(const void *__x)
{
    __asm __volatile("" : "+r" (__x));
    return __x;
}

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field) \
    if ((head)->cqh_first != CIRCLEQ_ENDC(head) && \
        (head)->cqh_first->field.cqe_prev != CIRCLEQ_ENDC(head)) \
        QUEUEDEBUG_ABORT("CIRCLEQ head forw %p %s:%d", (head), \
            __FILE__, __LINE__); \
    if ((head)->cqh_last != CIRCLEQ_ENDC(head) && \
        (head)->cqh_last->field.cqe_next != CIRCLEQ_ENDC(head)) \
        QUEUEDEBUG_ABORT("CIRCLEQ head back %p %s:%d", (head), \
            __FILE__, __LINE__);
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field) \
    if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) { \
        if ((head)->cqh_last != (elm)) \
            QUEUEDEBUG_ABORT("CIRCLEQ \
elm last %p %s:%d", \
                (elm), __FILE__, __LINE__); \
    } else { \
        if ((elm)->field.cqe_next->field.cqe_prev != (elm)) \
            QUEUEDEBUG_ABORT("CIRCLEQ elm forw %p %s:%d", \
                (elm), __FILE__, __LINE__); \
    } \
    if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) { \
        if ((head)->cqh_first != (elm)) \
            QUEUEDEBUG_ABORT("CIRCLEQ elm first %p %s:%d", \
                (elm), __FILE__, __LINE__); \
    } else { \
        if ((elm)->field.cqe_prev->field.cqe_next != (elm)) \
            QUEUEDEBUG_ABORT("CIRCLEQ elm prev %p %s:%d", \
                (elm), __FILE__, __LINE__); \
    }
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field) \
    (elm)->field.cqe_next = (void *)1L; \
    (elm)->field.cqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field)
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field)

```

```

#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field)
#endif

#define CIRCLEQ_HEAD(name, type) \
struct name { \
    struct type *cqh_first; /* \
    first element */ \
    struct type *cqh_last; /* last element */ \
}

#define CIRCLEQ_HEAD_INITIALIZER(head) \
{ CIRCLEQ_END(&head), CIRCLEQ_END(&head) }

#define CIRCLEQ_ENTRY(type) \
struct { \
    struct type *cqe_next; /* next element */ \
    struct type *cqe_prev; /* previous element */ \
}

/*
 * Circular queue functions.
 */
#define CIRCLEQ_INIT(head) do { \
    (head)->cqh_first = CIRCLEQ_END(head); \
    (head)->cqh_last = CIRCLEQ_END(head); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBUG_CIRCLEQ_ELM((head), (listelm), field) \
    (elm)->field.cqe_next = (listelm)->field.cqe_next; \
    (elm)->field.cqe_prev = (listelm); \
    if ((listelm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm); \
    else \
        (listelm)->field.cqe_next->field.cqe_prev = (elm); \
    (listelm)->field.cqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_BEFORE(head, \
listelm, elm, field) do { \
    QUEUEDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBUG_CIRCLEQ_ELM((head), (listelm), field) \
    (elm)->field.cqe_next = (listelm); \
    (elm)->field.cqe_prev = (listelm)->field.cqe_prev; \
    if ((listelm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm); \
    else \

```

```

(listelm)->field.cqe_prev->field.cqe_next = (elm); \
(listelm)->field.cqe_prev = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    (elm)->field.cqe_next = (head)->cqh_first; \
    (elm)->field.cqe_prev = CIRCLEQ_END(head); \
    if ((head)->cqh_last == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm); \
    else \
        (head)->cqh_first->field.cqe_prev = (elm); \
    (head)->cqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_TAIL(head, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    (elm)->field.cqe_next \
    = CIRCLEQ_END(head); \
    (elm)->field.cqe_prev = (head)->cqh_last; \
    if ((head)->cqh_first == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm); \
    else \
        (head)->cqh_last->field.cqe_next = (elm); \
    (head)->cqh_last = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_REMOVE(head, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBDEBUG_CIRCLEQ_ELM((head), (elm), field) \
    if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm)->field.cqe_prev; \
    else \
        (elm)->field.cqe_next->field.cqe_prev = \
            (elm)->field.cqe_prev; \
    if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm)->field.cqe_next; \
    else \
        (elm)->field.cqe_prev->field.cqe_next = \
            (elm)->field.cqe_next; \
    QUEUEDEBDEBUG_CIRCLEQ_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_FOREACH(var, head, field) \
for ((var) = ((head)->cqh_first); \
    (var) != CIRCLEQ_ENDC(head); \
    (var))

```

```

= ((var)->field.cqe_next))

#define CIRCLEQ_FOREACH_REVERSE(var, head, field) \
for ((var) = ((head)->cqh_last); \
    (var) != CIRCLEQ_ENDC(head); \
    (var) = ((var)->field.cqe_prev))

/*
 * Circular queue access methods.
 */
#define CIRCLEQ_FIRST(head) ((head)->cqh_first)
#define CIRCLEQ_LAST(head) ((head)->cqh_last)
/* For comparisons */
#define CIRCLEQ_ENDC(head) (__launter_type(head))
/* For assignments */
#define CIRCLEQ_END(head) ((void *)(head))
#define CIRCLEQ_NEXT(elm, field) ((elm)->field.cqe_next)
#define CIRCLEQ_PREV(elm, field) ((elm)->field.cqe_prev)
#define CIRCLEQ_EMPTY(head) \
    (CIRCLEQ_FIRST(head) == CIRCLEQ_ENDC(head))

#define CIRCLEQ_LOOP_NEXT(head, elm, field) \
    (((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
     ? ((head)->cqh_first) \
     : (elm->field.cqe_next))
#define CIRCLEQ_LOOP_PREV(head, elm, field) \
    (((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
     ? ((head)->cqh_last) \
     : \
     (elm->field.cqe_prev))
#endif /* !_KERNEL */

#endif /* !_SYS_QUEUE_H_ */

/* $NetBSD: tree.h,v 1.20 2013/09/14 13:20:45 joerg Exp $ */
/* $OpenBSD: tree.h,v 1.13 2011/07/09 00:19:45 pirofti Exp $ */
/* Modified by Void Linux. */
/*
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```

```

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* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

```

```

#ifndef _SYS_TREE_H_
#define _SYS_TREE_H_

```

```

#ifdef __GNUC__
#define __GNUC_PREREQ__(x, y) \
  ((__GNUC__ == (x) && __GNUC_MINOR__ >= (y)) || \
   (__GNUC__ > (x)))
#else
#define __GNUC_PREREQ__(x, y) 0
#endif

```

```

#if __GNUC_PREREQ__(2, 7) || defined(__lint__)
#define _sys_tree_h_unused __attribute__((__unused__))
#else
#define _sys_tree_h_unused /* delete */
#endif

```

```

/*
* This file defines data structures for different types of trees:
* splay trees and red-black trees.
*
* A splay tree is a self-organizing
  data structure. Every operation
* on the tree causes a splay to happen. The splay moves the requested
* node to the root of the tree and partly rebalances it.
*
* This has the benefit that request locality causes faster lookups as
* the requested nodes move to the top of the tree. On the other hand,
* every lookup causes memory writes.
*
* The Balance Theorem bounds the total access time for m operations
* and n inserts on an initially empty tree as O((m + n)lg n). The
* amortized cost for a sequence of m accesses to a splay tree is O(lg n);
*

```

```

* A red-black tree is a binary search tree with the node color as an
* extra attribute. It fulfills a set of conditions:
* - every search path from the root to a leaf consists of the
*   same number of black nodes,
* - each red node (except for the root) has a black parent,
* - each leaf node is black.
*
* Every operation on a red-black tree is bounded as  $O(\lg n)$ .
* The maximum height of a red-black tree is  $2\lg(n+1)$ .
*/

#define SPLAY_HEAD(name, type) \
struct name { \
    struct type *sph_root; /* root of the tree */ \
}

#define SPLAY_INITIALIZER(root) \
{ NULL }

#define SPLAY_INIT(root) do { \
    (root)->sph_root = NULL; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ENTRY(type) \
struct { \
    struct type *spe_left; /* left element */ \
    struct type *spe_right; /* right element */ \
}

#define SPLAY_LEFT(elm, field) (elm)->field.spe_left
#define SPLAY_RIGHT(elm, field) (elm)->field.spe_right
#define SPLAY_ROOT(head) (head)->sph_root
#define SPLAY_EMPTY(head) (SPLAY_ROOT(head) == NULL)

/* SPLAY_ROTATE_{LEFT,RIGHT} expect that tmp hold SPLAY_{RIGHT,LEFT} */
#define SPLAY_ROTATE_RIGHT(head, tmp, field) do { \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(tmp, field); \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ROTATE_LEFT(head, tmp, field) do { \
    SPLAY_RIGHT((head)->sph_root, \
    field) = SPLAY_LEFT(tmp, field); \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

```



```

#define SPLAY_LINKLEFT(head, tmp, field) do { \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_LEFT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKRIGHT(head, tmp, field) do { \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ASSEMBLE(head, node, left, right, field) do { \
    SPLAY_RIGHT(left, field) = SPLAY_LEFT((head)->sph_root, field); \
    SPLAY_LEFT(right, field) = SPLAY_RIGHT((head)->sph_root, field); \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(node, field); \
    SPLAY_RIGHT((head)->sph_root, field) = SPLAY_LEFT(node, field); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */

#define
    SPLAY_PROTOTYPE(name, type, field, cmp) \
void name##_SPLAY(struct name *, struct type *); \
void name##_SPLAY_MINMAX(struct name *, int); \
struct type *name##_SPLAY_INSERT(struct name *, struct type *); \
struct type *name##_SPLAY_REMOVE(struct name *, struct type *); \
\
/* Finds the node with the same key as elm */ \
static __inline struct type * \
name##_SPLAY_FIND(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) \
        return(NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) \
        return (head->sph_root); \
    return (NULL); \
} \
\
static __inline _sys_tree_h_unused struct type * \
name##_SPLAY_NEXT(struct name *head, struct type *elm) \
{ \
    name##_SPLAY(head, elm); \
    if (SPLAY_RIGHT(elm, field) != NULL) { \
        elm = SPLAY_RIGHT(elm, field); \
        while (SPLAY_LEFT(elm, field) != NULL) { \
            elm = SPLAY_LEFT(elm, field); \

```

```

    } \
}
else \
    elm = NULL; \
return (elm); \
} \
\
static __sys_tree_h_unused __inline struct type * \
name##_SPLAY_MIN_MAX(struct name *head, int val) \
{ \
    name##_SPLAY_MINMAX(head, val); \
    return (SPLAY_ROOT(head)); \
}

/* Main splay operation.
 * Moves node close to the key of elm to top
 */
#define SPLAY_GENERATE(name, type, field, cmp) \
struct type * \
name##_SPLAY_INSERT(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) { \
        SPLAY_LEFT(elm, field) = SPLAY_RIGHT(elm, field) = NULL; \
    } else { \
        int __comp; \
        name##_SPLAY(head, elm); \
        __comp = (cmp)(elm, (head)->sph_root); \
        if (__comp < 0) { \
            SPLAY_LEFT(elm, field) = SPLAY_LEFT((head)->sph_root, field); \
            SPLAY_RIGHT(elm, field) = (head)->sph_root; \
            SPLAY_LEFT((head)->sph_root, field) = NULL; \
        } else if (__comp > 0) { \
            SPLAY_RIGHT(elm, \
field) = SPLAY_RIGHT((head)->sph_root, field); \
            SPLAY_LEFT(elm, field) = (head)->sph_root; \
            SPLAY_RIGHT((head)->sph_root, field) = NULL; \
        } else \
            return ((head)->sph_root); \
    } \
    (head)->sph_root = (elm); \
    return (NULL); \
} \
\
struct type * \
name##_SPLAY_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *__tmp; \
    if (SPLAY_EMPTY(head)) \

```

```

return (NULL); \
name##_SPLAY(head, elm); \
if ((cmp)(elm, (head)->sph_root) == 0) { \
    if (SPLAY_LEFT((head)->sph_root, field) == NULL) { \
        (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field);\
    } else { \
        __tmp = SPLAY_RIGHT((head)->sph_root, field); \
        (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);\
        name##_SPLAY(head, elm); \
        SPLAY_RIGHT((head)->sph_root, field) = __tmp; \
    } \
    return (elm); \
} \
return (NULL); \
} \
\
void \
name##_SPLAY(struct
name *head, struct type *elm) \
{ \
    struct type __node, *__left, *__right, *__tmp; \
    int __comp; \
    \
    SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
    __left = __right = &__node; \
    \
    while ((__comp = (cmp)(elm, (head)->sph_root)) != 0) { \
        if (__comp < 0) { \
            __tmp = SPLAY_LEFT((head)->sph_root, field); \
            if (__tmp == NULL) \
                break; \
            if ((cmp)(elm, __tmp) < 0){ \
                SPLAY_ROTATE_RIGHT(head, __tmp, field); \
                if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
                    break; \
            } \
            SPLAY_LINKLEFT(head, __right, field); \
        } else if (__comp > 0) { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field); \
            if (__tmp == NULL) \
                break; \
            if ((cmp)(elm, __tmp) > 0){ \
                SPLAY_ROTATE_LEFT(head, __tmp, field); \
                if (SPLAY_RIGHT((head)->sph_root, field) == NULL)\
                    break; \
            } \
            SPLAY_LINKRIGHT(head, __left, field); \
        } \
    } \
} \

```

```

} \
SPLAY_ASSEMBLE(head,
&__node, __left, __right, field); \
} \
\
/* Splay with either the minimum or the maximum element \
* Used to find minimum or maximum element in tree. \
*/ \
void name##_SPLAY_MINMAX(struct name *head, int __comp) \
{ \
    struct type __node, *__left, *__right, *__tmp; \
    \
    SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL; \
    __left = __right = &__node; \
    \
    while (1) { \
        if (__comp < 0) { \
            __tmp = SPLAY_LEFT((head)->sph_root, field); \
            if (__tmp == NULL) \
                break; \
            if (__comp < 0){ \
                SPLAY_ROTATE_RIGHT(head, __tmp, field); \
                if (SPLAY_LEFT((head)->sph_root, field) == NULL) \
                    break; \
            } \
            SPLAY_LINKLEFT(head, __right, field); \
        } else if (__comp > 0) { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field); \
            if (__tmp == NULL) \
                break; \
            if (__comp > 0) { \
                SPLAY_ROTATE_LEFT(head, __tmp, field); \
                if (SPLAY_RIGHT((head)->sph_root, \
field) == NULL) \
                    break; \
            } \
            SPLAY_LINKRIGHT(head, __left, field); \
        } \
    } \
    SPLAY_ASSEMBLE(head, &__node, __left, __right, field); \
}

#define SPLAY_NEGINF -1
#define SPLAY_INF 1

#define SPLAY_INSERT(name, x, y) name##_SPLAY_INSERT(x, y)
#define SPLAY_REMOVE(name, x, y) name##_SPLAY_REMOVE(x, y)
#define SPLAY_FIND(name, x, y) name##_SPLAY_FIND(x, y)

```

```

#define SPLAY_NEXT(name, x, y) name##_SPLAY_NEXT(x, y)
#define SPLAY_MIN(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_NEGINF))
#define SPLAY_MAX(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_INF))

#define SPLAY_FOREACH(x, name, head) \
    for ((x) = SPLAY_MIN(name, head); \
        (x) != NULL; \
        (x) = SPLAY_NEXT(name, head, x))

/* Macros that define a red-black tree */
#define RB_HEAD(name, type) \
    struct name { \
        struct type *rbh_root; /* root of the tree */ \
    }

#define RB_INITIALIZER(root) \
    { \
        NULL \
    }

#define RB_INIT(root) do { \
    (root)->rbh_root = NULL; \
} while (/*CONSTCOND*/ 0)

#define RB_BLACK 0
#define RB_RED 1
#define RB_ENTRY(type) \
    struct { \
        struct type *rbe_left; /* left element */ \
        struct type *rbe_right; /* right element */ \
        struct type *rbe_parent; /* parent element */ \
        int rbe_color; /* node color */ \
    }

#define RB_LEFT(elm, field) (elm)->field.rbe_left
#define RB_RIGHT(elm, field) (elm)->field.rbe_right
#define RB_PARENT(elm, field) (elm)->field.rbe_parent
#define RB_COLOR(elm, field) (elm)->field.rbe_color
#define RB_ROOT(head) (head)->rbh_root
#define RB_EMPTY(head) (RB_ROOT(head) == NULL)

#define RB_SET(elm, parent, field) do { \
    RB_PARENT(elm, field) = parent; \
    RB_LEFT(elm, field) = RB_RIGHT(elm, field) = NULL; \
    RB_COLOR(elm, field) = RB_RED; \
} while (/*CONSTCOND*/ 0)

```

```

#define RB_SET_BLACKRED(black, red, field) do { \
    RB_COLOR(black, field) = RB_BLACK; \
    RB_COLOR(red, field) \
    = RB_RED; \
} while (/*CONSTCOND*/ 0)

#ifndef RB_AUGMENT
#define RB_AUGMENT(x) do {} while (/*CONSTCOND*/ 0)
#endif

#define RB_ROTATE_LEFT(head, elm, tmp, field) do { \
    (tmp) = RB_RIGHT(elm, field); \
    if ((RB_RIGHT(elm, field) = RB_LEFT(tmp, field)) != NULL) { \
        RB_PARENT(RB_LEFT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else \
        (head)->rbh_root = (tmp); \
    RB_LEFT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \
        RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

#define RB_ROTATE_RIGHT(head, elm, tmp, field) do { \
    (tmp) = RB_LEFT(elm, field); \
    if ((RB_LEFT(elm, field) = RB_RIGHT(tmp, field)) \
        != NULL) { \
        RB_PARENT(RB_RIGHT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else \
        (head)->rbh_root = (tmp); \
    RB_RIGHT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \

```

```

    RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */
#define RB_PROTOTYPE(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp,)
#define RB_PROTOTYPE_STATIC(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_PROTOTYPE_INTERNAL(name, type, field, cmp, attr) \
    attr void name##_RB_INSERT_COLOR(struct name *, struct \
    type *); \
    attr void name##_RB_REMOVE_COLOR(struct name *, struct type *, struct type *);\
    attr struct type *name##_RB_REMOVE(struct name *, struct type *); \
    attr struct type *name##_RB_INSERT(struct name *, struct type *); \
    attr struct type *name##_RB_FIND(struct name *, struct type *); \
    attr struct type *name##_RB_NFIND(struct name *, struct type *); \
    attr struct type *name##_RB_NEXT(struct type *); \
    attr struct type *name##_RB_PREV(struct type *); \
    attr struct type *name##_RB_MINMAX(struct name *, int); \
    \

/* Main rb operation.
 * Moves node close to the key of elm to top
 */
#define RB_GENERATE(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp,)
#define RB_GENERATE_STATIC(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_GENERATE_INTERNAL(name, type, field, cmp, attr) \
    attr void \
    name##_RB_INSERT_COLOR(struct name *head, struct type *elm) \
    { \
        struct type \
        *parent, *gparent, *tmp; \
        while ((parent = RB_PARENT(elm, field)) != NULL && \
            RB_COLOR(parent, field) == RB_RED) { \
            gparent = RB_PARENT(parent, field); \
            if (parent == RB_LEFT(gparent, field)) { \
                tmp = RB_RIGHT(gparent, field); \
                if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
                    RB_COLOR(tmp, field) = RB_BLACK; \
                    RB_SET_BLACKRED(parent, gparent, field);\
                    elm = gparent; \
                    continue; \
                } \
            } \
            if (RB_RIGHT(parent, field) == elm) { \
                RB_ROTATE_LEFT(head, parent, tmp, field);\
                tmp = parent; \

```

```

    parent = elm; \
    elm = tmp; \
} \
RB_SET_BLACKRED(parent, gparent, field); \
RB_ROTATE_RIGHT(head, gparent, tmp, field); \
} else { \
    tmp = RB_LEFT(gparent, field); \
    if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
        RB_COLOR(tmp, field) = RB_BLACK; \
        RB_SET_BLACKRED(parent, gparent, field); \
        elm = gparent; \
        continue; \
    } \
    if (RB_LEFT(parent, field) == elm)
{ \
    RB_ROTATE_RIGHT(head, parent, tmp, field); \
    tmp = parent; \
    parent = elm; \
    elm = tmp; \
} \
RB_SET_BLACKRED(parent, gparent, field); \
RB_ROTATE_LEFT(head, gparent, tmp, field); \
} \
} \
RB_COLOR(head->rbh_root, field) = RB_BLACK; \
} \
\
attr void \
name##_RB_REMOVE_COLOR(struct name *head, struct type *parent, struct type *elm) \
{ \
    struct type *tmp; \
    while ((elm == NULL || RB_COLOR(elm, field) == RB_BLACK) && \
        elm != RB_ROOT(head)) { \
        if (RB_LEFT(parent, field) == elm) { \
            tmp = RB_RIGHT(parent, field); \
            if (RB_COLOR(tmp, field) == RB_RED) { \
                RB_SET_BLACKRED(tmp, parent, field); \
                RB_ROTATE_LEFT(head, parent, tmp, field); \
                tmp = RB_RIGHT(parent, field); \
            } \
            if ((RB_LEFT(tmp, field) == NULL || \
                RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) && \
                (RB_RIGHT(tmp, field) == NULL || \
                RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) { \
                RB_COLOR(tmp, field) = RB_RED; \
                elm = parent; \
                parent = RB_PARENT(elm, field); \

```



```

} else { \
if (RB_RIGHT(tmp, field) == NULL || \
    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK) {\
    struct type *oleft; \
    if ((oleft = RB_LEFT(tmp, field)) \
        != NULL) \
        RB_COLOR(oleft, field) = RB_BLACK;\
    RB_COLOR(tmp, field) = RB_RED; \
    RB_ROTATE_RIGHT(head, tmp, oleft, field);\
    tmp = RB_RIGHT(parent, field); \
} \
RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
RB_COLOR(parent, field) = RB_BLACK; \
if (RB_RIGHT(tmp, field)) \
    RB_COLOR(RB_RIGHT(tmp, field), field) = RB_BLACK;\
RB_ROTATE_LEFT(head, parent, tmp, field);\
elm = RB_ROOT(head); \
break; \
} \
} else { \
tmp = RB_LEFT(parent, field); \
if (RB_COLOR(tmp, field) == RB_RED) { \
    RB_SET_BLACKRED(tmp, parent, field); \
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    tmp
= RB_LEFT(parent, field); \
} \
if ((RB_LEFT(tmp, field) == NULL || \
    RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
    (RB_RIGHT(tmp, field) == NULL || \
    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
    RB_COLOR(tmp, field) = RB_RED; \
    elm = parent; \
    parent = RB_PARENT(elm, field); \
} else { \
if (RB_LEFT(tmp, field) == NULL || \
    RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) {\
    struct type *oright; \
    if ((oright = RB_RIGHT(tmp, field)) \
        != NULL) \
        RB_COLOR(oright, field) = RB_BLACK;\
    RB_COLOR(tmp, field) = RB_RED; \
    RB_ROTATE_LEFT(head, tmp, oright, field);\
    tmp = RB_LEFT(parent, field); \
} \
RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
RB_COLOR(parent, field) = RB_BLACK; \
if (RB_LEFT(tmp, field)) \

```

```

    RB_COLOR(RB_LEFT(tmp, field), field) = RB_BLACK;\
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    elm = RB_ROOT(head); \
    break; \
} \
} \
} \
if
(elm) \
    RB_COLOR(elm, field) = RB_BLACK; \
} \
\
attr struct type * \
name##_RB_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *child, *parent, *old = elm; \
    int color; \
    if (RB_LEFT(elm, field) == NULL) \
        child = RB_RIGHT(elm, field); \
    else if (RB_RIGHT(elm, field) == NULL) \
        child = RB_LEFT(elm, field); \
    else { \
        struct type *left; \
        elm = RB_RIGHT(elm, field); \
        while ((left = RB_LEFT(elm, field)) != NULL) \
            elm = left; \
        child = RB_RIGHT(elm, field); \
        parent = RB_PARENT(elm, field); \
        color = RB_COLOR(elm, field); \
        if (child) \
            RB_PARENT(child, field) = parent; \
        if (parent) { \
            if (RB_LEFT(parent, field) == elm) \
                RB_LEFT(parent, field) = child; \
            else \
                RB_RIGHT(parent, field) = child; \
            RB_AUGMENT(parent); \
        } else \
            RB_ROOT(head)
= child; \
    if (RB_PARENT(elm, field) == old) \
        parent = elm; \
    (elm)->field = (old)->field; \
    if (RB_PARENT(old, field)) { \
        if (RB_LEFT(RB_PARENT(old, field), field) == old)\
            RB_LEFT(RB_PARENT(old, field), field) = elm;\
        else \
            RB_RIGHT(RB_PARENT(old, field), field) = elm;\
    }

```

```

    RB_AUGMENT(RB_PARENT(old, field)); \
} else \
    RB_ROOT(head) = elm; \
    RB_PARENT(RB_LEFT(old, field), field) = elm; \
    if (RB_RIGHT(old, field)) \
        RB_PARENT(RB_RIGHT(old, field), field) = elm; \
    if (parent) { \
        left = parent; \
        do { \
            RB_AUGMENT(left); \
        } while ((left = RB_PARENT(left, field)) != NULL); \
    } \
    goto color; \
} \
parent = RB_PARENT(elm, field); \
color = RB_COLOR(elm, field); \
if (child) \
    RB_PARENT(child, field) = parent; \
if (parent) { \
    if (RB_LEFT(parent, field) == elm) \
        RB_LEFT(parent, field) = child; \
    else \
        RB_RIGHT(parent,
field) = child; \
    RB_AUGMENT(parent); \
} else \
    RB_ROOT(head) = child; \
color: \
if (color == RB_BLACK) \
    name##_RB_REMOVE_COLOR(head, parent, child); \
return (old); \
} \
\
/* Inserts a node into the RB tree */ \
attr struct type * \
name##_RB_INSERT(struct name *head, struct type *elm) \
{ \
    struct type *tmp; \
    struct type *parent = NULL; \
    int comp = 0; \
    tmp = RB_ROOT(head); \
    while (tmp) { \
        parent = tmp; \
        comp = (cmp)(elm, parent); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \
            tmp = RB_RIGHT(tmp, field); \
    }

```

```

else    \
    return (tmp);    \
}    \
RB_SET(elm, parent, field);    \
if (parent != NULL) {    \
    if (comp < 0)    \
        RB_LEFT(parent, field) = elm;    \
    else    \
        RB_RIGHT(parent, field) = elm;    \
    RB_AUGMENT(parent);    \
} else    \
    RB_ROOT(head) = elm;    \
name##_RB_INSERT_COLOR(head,
elm);    \
return (NULL);    \
}    \
    \
/* Finds the node with the same key as elm */    \
attr struct type *    \
name##_RB_FIND(struct name *head, struct type *elm)    \
{    \
    struct type *tmp = RB_ROOT(head);    \
    int comp;    \
    while (tmp) {    \
        comp = cmp(elm, tmp);    \
        if (comp < 0)    \
            tmp = RB_LEFT(tmp, field);    \
        else if (comp > 0)    \
            tmp = RB_RIGHT(tmp, field);    \
        else    \
            return (tmp);    \
    }    \
    return (NULL);    \
}    \
    \
/* Finds the first node greater than or equal to the search key */    \
attr struct type *    \
name##_RB_NFIND(struct name *head, struct type *elm)    \
{    \
    struct type *tmp = RB_ROOT(head);    \
    struct type *res = NULL;    \
    int comp;    \
    while (tmp) {    \
        comp = cmp(elm, tmp);    \
        if (comp < 0) {    \
            res = tmp;    \
            tmp = RB_LEFT(tmp, field);    \
        }    \
    }    \
}

```

```

else if (comp > 0) \
    tmp =
RB_RIGHT(tmp, field); \
else \
    return (tmp); \
} \
return (res); \
} \
\
/* ARGSUSED */ \
attr struct type * \
name##_RB_NEXT(struct type *elm) \
{ \
    if (RB_RIGHT(elm, field)) { \
        elm = RB_RIGHT(elm, field); \
        while (RB_LEFT(elm, field)) \
            elm = RB_LEFT(elm, field); \
    } else { \
        if (RB_PARENT(elm, field) && \
            (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        else { \
            while (RB_PARENT(elm, field) && \
                (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
                elm = RB_PARENT(elm, field); \
            elm = RB_PARENT(elm, field); \
        } \
    } \
    return (elm); \
} \
\
/* ARGSUSED */ \
attr struct type * \
name##_RB_PREV(struct type *elm) \
{ \
    if (RB_LEFT(elm, field)) { \
        elm = RB_LEFT(elm, field); \
        while (RB_RIGHT(elm, field)) \
            elm = RB_RIGHT(elm, field); \
    } \
    else { \
        if (RB_PARENT(elm, field) && \
            (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        else { \
            while (RB_PARENT(elm, field) && \
                (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
                elm = RB_PARENT(elm, field); \
        } \
    } \
}

```

```

    elm = RB_PARENT(elm, field); \
} \
} \
return (elm); \
} \
\
attr struct type * \
name##_RB_MINMAX(struct name *head, int val) \
{ \
    struct type *tmp = RB_ROOT(head); \
    struct type *parent = NULL; \
    while (tmp) { \
        parent = tmp; \
        if (val < 0) \
            tmp = RB_LEFT(tmp, field); \
        else \
            tmp = RB_RIGHT(tmp, field); \
    } \
    return (parent); \
}

#define RB_NEGINF -1
#define RB_INF 1

#define RB_INSERT(name, x, y) name##_RB_INSERT(x, y)
#define RB_REMOVE(name, x, y) name##_RB_REMOVE(x, y)
#define RB_FIND(name, x, y) name##_RB_FIND(x, y)
#define RB_NFIND(name, x, y) name##_RB_NFIND(x, \
y)
#define RB_NEXT(name, x, y) name##_RB_NEXT(y)
#define RB_PREV(name, x, y) name##_RB_PREV(y)
#define RB_MIN(name, x) name##_RB_MINMAX(x, RB_NEGINF)
#define RB_MAX(name, x) name##_RB_MINMAX(x, RB_INF)

#define RB_FOREACH(x, name, head) \
for ((x) = RB_MIN(name, head); \
(x) != NULL; \
(x) = name##_RB_NEXT(x))

#define RB_FOREACH_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_SAFE(x, name, head, y) \
for ((x) = RB_MIN(name, head); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

```

```

#define RB_FOREACH_REVERSE(x, name, head) \
for ((x) = RB_MAX(name, head); \
(x) != NULL; \
(x) = name##_RB_PREV(x))

#define RB_FOREACH_REVERSE_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE_SAFE(x, name, \
head, y) \
for ((x) = RB_MAX(name, head); \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

#endif /* _SYS_TREE_H_ */
# MIT License

```

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Contributor: Maxim Karasev <begs@disroot.org>

Maintainer: mio <miyopan@e.email>

pkgname=bsd-games

pkgver=3.3

pkgrel=2

pkgdesc="traditional text mode games from BSD"

url="https://bsd-games.sourceforge.io/"

```

arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz
0001-bsd-games-scores-dir.patch
"

options="!check" # no tests

build() {
# some GNU autoconf options are ignored, but it works
./configure \
--build=$CBUILD \
--host=$CHOST \
--prefix=/usr \
--sysconfdir=/etc \
--mandir=/usr/share/man \
--scoredir=/usr/share/$pkgname
make
}

package() {
make DESTDIR="$pkgdir" install
install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294
bsd-games-3.3.tar.gz
e1def0d4835a877242c4173fae862e278a7858738e0bacacbb045a42bcabec2aa7c72d000bbd2421ce35fe66cdc1f52c0
577b7e278029ca5ed50f7aab22319f6 0001-bsd-games-scores-dir.patch
"

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```

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mini_sendmail - accept email on behalf of real sendmail

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Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=libart-lgpl

pkgver=2.3.21

pkgrel=8

pkgdesc="A library for high-performance 2D graphics"

url="https://www.levien.com/libart/"

arch="all"

options="!check" # No test suite.

license="LGPL-2.0-or-later"

subpackages="\$pkgname-dev"

source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-\$pkgver.tar.bz2"

"

builddir="\$srcdir"/libart-lgpl-\$pkgver

```
prepare() {  
  update_config_sub  
  default_prepare  
}
```

```
build() {  
  ./configure \  
  --build=$CBUILD \  
  --host=$CHOST \  
  --prefix=/usr  
  make  
}
```

```
package() {  
  make DESTDIR="$pkgdir" install  
}
```

```
sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7  
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
```

1.151 libapk2 2.14.9-r2

1.151.1 Available under license :

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Version 2, June 1991

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1.152 ssl-client 1.37.0-r18

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1.153 busybox 1.37.0-r18

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```
/*
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 *
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 * by the Free Software Foundation. See http://www.gnu.org/ for details.
 */
```

Found in path(s):

* /aports-master-main-busybox-zip/aports-master-main-busybox/main/busybox/bbsuid.c

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

```
/*
 * depmod - generate modules.dep
 * Copyright (c) 2008 Bernhard Reutner-Fischer
 * - * Copyright (c) 2008 Timo Teras <timo.teras@iki.fi>
 * + * Copyright (c) 2008-2015 Timo Teras <timo.teras@iki.fi>
 * * Copyright (c) 2008 Vladimir Dronnikov
 *
 * Licensed under GPLv2 or later, see file LICENSE in this source tree.
 @@ -25,6 +25,24 @@
 #include "modutils.h"
 #include <sys/utsname.h> /* uname() */

+#define INDEX_MINCHAR 32
+#define INDEX_MAXCHAR 128
+
+typedef struct index_node {
+ char *prefix;
+ llist_t *values;
+ struct index_node *children[INDEX_MAXCHAR-INDEX_MINCHAR];
+} index_node;
+
```

```

+struct globals {
+ module_db db;
+ index_node *root_node;
+} FIX_ALIASING;
+#define G (*ptr_to_globals)
+#define INIT_G() do { \
+ SET_PTR_TO_GLOBALS(xzalloc(sizeof(G))); \
+} while (0)
+
+/*
+ * Theory of operation:
+ * - iterate over all modules and record their full path
@@ -53,18 +71,12 @@ static int FAST_FUNC parse_module(struct recursive_state
+state,

for (ptr = image; ptr < image + len - 10; ptr++) {
if (is_prefixed_with(ptr, "depends=")) {
- char *u;
-
ptr += 8;
- for (u = ptr; *u; u++)
- if (*u == '-')
- *u = '_';
- ptr += string_to_llist(ptr, &e->deps, ",");
+ string_to_llist(replace_underscores(ptr), &e->deps, ",");
} else if (ENABLE_FEATURE_MODUTILS_ALIAS
&& is_prefixed_with(ptr, "alias=")
) {
- llist_add_to(&e->aliases, xstrdup(ptr + 6));
- ptr += strlen(ptr);
+ llist_add_to(&e->aliases, replace_underscores(xstrdup(ptr + 6)));
} else if (ENABLE_FEATURE_MODUTILS_SYMBOLS
&& is_prefixed_with(ptr, "__ksymtab_")
) {
@@ -74,9 +86,10 @@ static int FAST_FUNC parse_module(struct recursive_state *state,
) {
continue;
}
- llist_add_to(&e->symbols, xstrdup(ptr));
- ptr += strlen(ptr);
- }
+ llist_add_to(&e->symbols, xasprintf("symbol:%s", ptr));
+ } else
+ continue;
+ ptr += strlen(ptr);
}
free(image);

```

```

@@ -108,12 +121,6 @@ static void order_dep_list(module_db *modules, module_entry *start, llist_t
 *add
}
}

```

```

-static void xfreopen_write(const char *file, FILE *f)
-{
- if (freopen(file, "w", f) == NULL)
- bb_perror_msg_and_die("can't open '%s'", file);
-}
-
//usage:#if !ENABLE_MODPROBE_SMALL
//usage:#define depmod_trivial_usage "[ -n ] [ -b BASE ] [ VERSION ] [ MODFILES ]..."
//usage:#define depmod_full_usage "\n\n"
@@ -167,6 +174,169 @@ enum {
OPT_C = (1 << 9), /* -C,--config etc_modules_conf: ignored */

```

Found in path(s):

* /aports-master-main-busybox-zip/aports-master-main-busybox/main/busybox/0018-depmod-support-generating-kmod-binary-index-files.patch

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

+ * Licensed under GPLv2 or later, see file LICENSE in this source tree.

Found in path(s):

* /aports-master-main-busybox-zip/aports-master-main-busybox/main/busybox/0024-umount-Implement-O-option-to-unmount-by-mount-option.patch

1.154 alpine-baselayout-data 3.7.0-r0

1.154.1 Available under license :

```

# Automatically generated by apkbuild-cpan, template 1
# Contributor: Francesco Colista <francesco.colista@gmail.com>
# Maintainer: Francesco Colista <francesco.colista@gmail.com>
pkgname=perl-software-license
_pkgreal=Software-License
pkgver=0.103004
pkgrel=0
pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/"
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"

```

```
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/${_pkgreal}-${pkgver}.tar.gz"
```

```
_builddir="${srcdir}/${_pkgreal}-${pkgver}"
```

```
prepare() {  
    cd "$_builddir"  
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`  
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor  
}
```

```
build() {  
    cd "$_builddir"  
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`  
    make && make test  
}
```

```
package() {  
    cd "$_builddir"  
    make  
    DESTDIR="$pkgdir" install || return 1  
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete  
}
```

```
md5sums="0c5fd53d93818566234578b27d667b35 Software-License-0.103004.tar.gz"
```

```
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
```

```
pkgname=libart-lgpl
```

```
pkgver=2.3.21
```

```
pkgrel=5
```

```
pkgdesc="A library for high-performance 2D graphics"
```

```
url="http://www.levien.com/libart/"
```

```
arch="all"
```

```
license="LGPL"
```

```
depends=
```

```
makedepends=
```

```
subpackages="$pkgname-dev"
```

```
source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-${pkgver}.tar.bz2"
```

```
"
```

```
_builddir="${srcdir}/libart-lgpl-${pkgver}"
```

```
prepare() {  
    cd "$_builddir"  
    update_config_sub || return 1  
}
```

```
build() {  
    cd "$_builddir"  
    ./configure \  
    --build=$CBUILD \  

```

```
--host=$CHOST \  
--prefix=/usr \  
|| return 1  
make || return 1  
}
```

```
package() {  
  cd "$_builddir"  
  make DESTDIR="$pkgdir" install || return 1  
}
```

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"

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```
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pkgname=perl-bsd-resource
_pkgreal=BSD-Resource
pkgver=1.2909
pkgrel=2
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="http://search.cpan.org/dist/BSD-Resource/"
arch="all"
```

```

license="GPL PerlArtistic"
cpandepends=""
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/${_pkgreal}-${pkgver}.tar.gz"

_buildddir="${srcdir}/${_pkgreal}-${pkgver}"

prepare() {
    cd "$_buildddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$_buildddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
    make && make test || return 1
}

package() {
    cd "$_buildddir"
    make DESTDIR="$pkgdir" install || return 1
    find "$pkgdir"
    \(-name perllocal.pod -o -name .packlist\) -delete
}

md5sums="3c6dd2fa953088aa87e263f40818d012 BSD-Resource-1.2909.tar.gz"
sha256sums="c47d460e2bd00d8d049f6ff4a0f1f61957e289e8de45af5fc79e851e2e855e06 BSD-Resource-1.2909.tar.gz"
sha512sums="5f489eaac5089e82081b7cf51d62638750e443751b49415407354da96b17771819b5e6e85529faa41ddd85743363750157943c7f7700276cce2bd40a429fa430 BSD-Resource-1.2909.tar.gz"
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pkgname=py-flake8-copyright

_pkgname=flake8-copyright

pkgver=0.2.0

pkgrel=1

pkgdesc="Extension for flake8 which checks for copyrights"

url="https://github.com/savoirfairelinux/flake8-copyright"

arch="noarch"

license="MIT"

depends="flake8"

makedepends="python3-dev"

source="https://files.pythonhosted.org/packages/source/\${_pkgname:0:1}/\${_pkgname}/\${_pkgname}-\${pkgver}.tar.gz"

builddir="\$srcdir"/_\${_pkgname}-\${pkgver}

```
build() {  
    cd "$builddir"  
    python3 setup.py build || return 1  
}
```

```

package() {
    cd "$builddir"
    python3 setup.py install --prefix=/usr --root="$pkgdir" || return 1
}

md5sums="c6348990c6d74933bf5d5f6a55a14bdf flake8-copyright-0.2.0.tar.gz"
sha256sums="aeef26eb4d5223c9cd5b101e68175fcef6d2b353bf36da688fdde62fccfe2b73 flake8-copyright-0.2.0.tar.gz"
sha512sums="bab1bfaeed3a525ac3c7da12b1f2ec338c204cc69b72d05cd39560e528faff5d586c3b1be9570f4a977a7e2417b586e543bfba12abce256b2023c8c4993eeb90flake8-copyright-0.2.0.tar.gz"
mini_sendmail - accept email on behalf of real sendmail

```

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1.156 bridgeutils 1.37.0-r18

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MySQL Connector/J 9.3.0 Community

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- * A telephone number in the event we need to reach you.

We may charge you a fee to cover the cost of physical media and processing.

Your request must be sent

- a. within three (3) years of the date you received the Oracle product that included the binary that is the subject of your request, or
- b. in the case of code licensed under the GPL v3 for as long as Oracle offers spare parts or customer support for that product model.

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