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1.4 hibernate-validator-annotation-processor

5.2.1

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1.5 go-memdb 1.1.2

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1.7 go-retryablehttp 0.5.3

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1.9 jackson-datatype-jdk8 2.9.10

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1.11 chrony 3.4 1.e17

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1.16 spring-boot-starter-hateoas 1.5.21

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1.17 simpleclient 0.7.0

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```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html lang="en">
<head>
  <title>Apache License, Version 2.0</title>
```

```
<meta http-equiv="Content-Type" content="text/html;charset=UTF-8">
<meta property="og:image" content="http://www.apache.org/images/asf_logo.gif" />

<link rel="stylesheet" type="text/css" media="screen" href="/css/style.css">
<link rel="stylesheet" type="text/css" media="screen" href="/css/code.css">

<script type="text/javascript" src="/js/jquery.js"></script>
<script type="text/javascript" src="/js/apache_boot.js"></script>
```

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```
</head>

<body>
  <div id="page" class="container_16">
    <div id="header" class="grid_8">
      
      <h1>The Apache Software Foundation</h1>
      <h2>Apache License, Version 2.0</h2>
    </div>
    <div id="nav" class="grid_8">
      <ul>
        <!-- <li><a href="/" title="Welcome!">Home</a></li> -->
        <li><a href="/foundation/" title="The Foundation">Foundation</a></li>
        <li><a href="http://projects.apache.org" title="The Projects">Projects</a></li>
        <li><a href="http://people.apache.org" title="The People">People</a></li>
        <li><a href="/foundation/getinvolved.html" title="Get Involved">Get Involved</a></li>
        <li><a href="/dyn/closer.cgi" title="Download">Download</a></li>
        <li><a href="/foundation/sponsorship.html" title="Support Apache">Support Apache</a></li>
      </ul>
      <p><a href="/">Home</a> &nbsp;&#2264;&nbsp;&#2264;&nbsp;<a href="/licenses/">Licenses</a></p>
      <form name="search" id="search" action="http://www.google.com/search" method="get">
        <input value="apache.org" name="sitesearch" type="hidden"/>
        <input type="text" name="q" id="query">
        <input type="submit" id="submit" value="Search">
      </form>
    </div>
    <div class="clear"></div>
    <div id="content" class="grid_16"><div class="section-content"><p>Apache License<br/><br/>Version 2.0,
```

January 2004
</br>

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

<div class="clear"></div>

</div>

<div id="footer" class="container_16">

<div class="links_grid_16">

<div class="grid_3">

<h4>Projects</h4>

HTTP Server

Abdera

Accumulo

ACE

ActiveMQ

Airavata

Allura

- Ambari
- Ant
- Any23
- APR
- Archiva
- Aries
- Avro
- Axis
- Bigtop
- Bloodhound
- Buildr
- BVal
- Camel
- Cassandra
- Cayenne
- Chemistry
- Chukwa
- Clerezza
- CloudStack
- Cocoon
- Commons
- Continuum
- Cordova
- CouchDB
- Creadur
- Crunch
- cTAKES
- Curator
- CXF
- DB
- Deltacloud
- DeltaSpike
- DirectMemory

- Directory
- Empire-db
- Etch
- Felix
- Flex
- Flume
- Forrest
- Geronimo
- Giraph
- Gora
- Gump
- Hadoop
- Hama
- HBase
- Helix
- Hive
- HttpComponents
- Isis
- Jackrabbit
- James
- jclouds
- Jena
- JMeter
- JSPWiki
- jUDDI
- Kafka
- Karaf
- Knox
- Lenya
- Libcloud
- Logging
- Lucene
- Lucene.Net

- Lucy
- Mahout
- ManifoldCF
- Marmotta
- Maven
- Mesos
- MINA
- MRUnit
- MyFaces
- Nutch
- ODE
- OFBiz
- Olingo
- Oltu
- Onami
- OODT
- Oozie
- Open Climate Workbench
- OpenJPA
- OpenMeetings
- OpenNLP
- OpenOffice
- OpenWebBeans
- PDFBox
- Perl
- Pig
- Pivot
- POI
- Portals
- Qpid
- Rave
- River
- Roller
- Santuario
- ServiceMix

- Shindig
- Shiro
- SIS
- Sling
- SpamAssassin
- Spark
- Sqoop
- Stanbol
- STeVe
- Storm
- Struts
- Subversion
- Synapse
- Syncope
- Tajo
- Tapestry
- Tcl
- Tez
- Thrift
- Tika
- Tiles
- Tomcat
- TomEE
- Traffic Server
- Turbine
- Tuscany
- UIMA
- VCL
- Velocity
- VXQuery
- Web Services
- Whirr
- <a href="http://wicket.apache.org/" title="Component-based Java Web Application

```

Framework.">Wicket</a></li>
<li><a href="http://wink.apache.org/" title="RESTful Web services Framework">Wink</a></li>
<li><a href="http://wookie.apache.org/" title="Widgets for Applications">Wookie</a></li>
<li><a href="http://xalan.apache.org/" title="XSLT processors in Java and C++">Xalan</a></li>
<li><a href="http://xerces.apache.org/" title="XML parsers in Java, C++ and Perl">Xerces</a></li>
<li><a href="http://xmlbeans.apache.org/" title="XML-Java binding tool">XMLBeans</a></li>
<li><a href="http://xmlgraphics.apache.org/" title="Conversion from XML to graphical output">XML
Graphics</a></li>
<li><a href="http://zookeeper.apache.org/" title="Centralized service for maintaining configuration
information">ZooKeeper</a></li>
</ul>
</div>
<div class="grid_3">
<h4>Foundation</h4>
<ul>
<li><a href="/foundation/faq.html">FAQ</a></li>
<li><a href="/foundation/glossary.html">Glossary</a></li>
<li><a href="/licenses/" title="Overview of the Apache Licenses">Licenses</a></li>
<li><a href="/foundation/marks/" title="Apache marks policies and listing">Trademarks</a></li>
<li><a href="/foundation/news.html" title="Official news feed of Foundation announcements">News</a></li>

<li><a href="/press/" title="Press, Media, and Analyst contact">Press Inquiries</a></li>
<li><a href="/foundation/records/" title="Formal corporate records and board meeting minutes">Public
Records</a></li>
<li><a href="/foundation/maillinglists.html" title="Mailing lists and Apache">Mailing Lists</a></li>
<li><a href="/foundation/sponsorship.html" title="Sponsor the Foundation">Sponsorship</a></li>
<li><a href="/foundation/contributing.html" title="Donate to the Foundation">Donations</a></li>
<li><a href="/foundation/buy_stuff.html" title="Buy Apache branded merchandise">Buy Stuff</a></li>
<li><a href="/foundation/thanks.html" title="Thank you to our Sponsors">Thanks</a></li>
<li><a href="/foundation/contact.html" title="Contact Us">Contact</a></li>
</ul>
</div>
<div class="grid_3 suffix_1">
<h4>Foundation Projects</h4>
<ul>
<li><a href="http://attic.apache.org/" title="Inactive projects repository">Attic</a></li>
<li><a href="/foundation/conferences.html" title="Meetings of developers and users">Conferences</a></li>
<li><a href="http://community.apache.org/" title="Helping newcomers to the ASF">Community
Development</a></li>
<li><a href="http://incubator.apache.org/" title="Shepherd for new projects">Incubator</a></li>
<li><a href="/dev/" title="ASF Infrastructure: Operations and howto documents for PMCs and
contributors">Infrastructure</a></li>
<li><a href="http://labs.apache.org/" title="The Innovation Laboratories of the Apache Software
Foundation">Labs</a></li>
<li><a href="/legal/" title="Legal Affairs">Legal Affairs</a></li>
<li><a href="/press/" title="Public Relations">Public Relations</a></li>
<li><a href="/security/" title="Security">Security</a></li>
<li><a href="/travel/" title="Travel Assistance">Travel Assistance</a></li>

```


</div>

<div class="grid_3">

<h4>Community</h4>

People

Memorials

Feathercast

Project Blogs

PlanetApache

</div>

<div class="grid_3">

<h4>How It Works</h4>

Introduction

Meritocracy

Structure

Roles

Collaboration

Incubator

Other entities

Glossary

Voting

</div>

</div>

<div class="clear"></div>

</div>

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</div>

</body>

</html>

<!DOCTYPE html>

<html>

<head>

<title>jsoup License</title>

<meta name="keywords" content="license, open source, mit">

<meta name="description" content="jsoup is licensed under the MIT open source license">

<link type="text/css" rel="stylesheet" href="/rez/style.css">

<script type="text/javascript">

var _gaq = _gaq || [];

```

_gaq.push(['_setAccount', 'UA-89734-10']);
_gaq.push(['_setDomainName', 'jsoup.org']);
_gaq.push(['_trackPageview']);

(function() {
  var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async = true;
  ga.src = ('https:' == document.location.protocol ? 'https://ssl' : 'http://www') + '.google-analytics.com/ga.js';
  var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s);
})();
</script>
</head>
<body class="n1">
<div class="wrap">
<div class="header">
<div class="nav-sections">
<ul>
<li class="n1-home"><h4><a href="/">jsoup</a></h4></li>
<li class="n1-news"><a href="/news/">News</a></li>
<li class="n1-bugs"><a href="/bugs">Bugs</a></li>
<li class="n1-discussion"><a href="/discussion">Discussion</a></li>
<li class="n1-download"><a href="/download">Download</a></li>
<li class="n1-api"><a href="/apidocs/">API Reference</a></li>
<li class="n1-cookbook"><a href="/cookbook/">Cookbook</a></li>
<li class="n1-try"><a href="http://try.jsoup.org/">Try jsoup</a></li>
</ul>
</div>
</div>
<div class="breadcrumb">
<a href="/">jsoup</a>
<span class="seperator">&raquo;</span> jsoup License
</div>
<div class="content">
<div class="col1">
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```
</div>
<!-- /col1 -->
<div class="col2">
</div>
<!-- /col2 -->
</div>
<!-- /content-->
<div class="footer">
<b>jsoup HTML parser</b> &copy; 2009 - 2014
<a href="http://jhy.io/" rel="author"><b>Jonathan Hedley</b></a>
</div>
</div>
<!-- /wrap -->
<script src="/rez/prettify.js"></script>
<script>prettyPrint();</script>
</body>
</html>
```

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

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```
2Nnet/bytebuddy/asm/Advice$ArgumentHandler$ForInstrumentedMethod$Default$CopyingFnet/bytebuddy/asm/A
dvice$ArgumentHandler$ForInstrumentedMethod$DefaultAdvice.java5Lnet/bytebuddy/build/HashCodeAndEquals
Plugin$Enhance;(net/bytebuddy/asm/Advice$ArgumentHandlernet/bytebuddy/asm/Advice
ArgumentHandler>net/bytebuddy/asm/Advice$ArgumentHandler$ForInstrumentedMethodForInstrumentedMethod
DefaultCopying3net/bytebuddy/build/HashCodeAndEqualsPlugin$Enhance+net/bytebuddy/build/HashCodeAndEq
ualsPluginEnhance6net/bytebuddy/description/type/TypeDescription$Generic.net/bytebuddy/description/type/Type
DescriptionGeneric<init>(Lnet/bytebuddy/description/method/MethodDescription;Lnet/bytebuddy/description/type/
TypeDefinition;Ljava/util/NavigableMap;Lnet/bytebuddy/description/type/TypeDefinition;V(Lnet/bytebuddy/descr
iption/method/MethodDescription;Lnet/bytebuddy/description/type/TypeDefinition;Ljava/util/NavigableMap<Ljava
/lang/String;Lnet/bytebuddy/description/type/TypeDefinition;>;Lnet/bytebuddy/description/type/TypeDefinition;V
thisPLnet/bytebuddy/asm/Advice$ArgumentHandler$ForInstrumentedMethod$Default$Copying;instrumentedMeth
od4Lnet/bytebuddy/description/method/MethodDescription;exitType/Lnet/bytebuddy/description/type/TypeDefiniti
on;
namedTypes[Ljava/util/NavigableMap<Ljava/lang/String;Lnet/bytebuddy/description/type/TypeDefinition;>;Ljava/
util/NavigableMap; enterTypeargument(I)I"#
,2net/bytebuddy/description/method/MethodDescription.getStackSize()I01/2$% 4-
net/bytebuddy/description/type/TypeDefinition63()Lnet/bytebuddy/implementation/bytecode/StackSize;0879/net/by
tebuddy/implementation/bytecode/StackSize;getSize=1
<>&( @java/util/NavigableMapBvalues()Ljava/util/Collection;DECFOf(Ljava/util/Collection;)IHI
<J)% LoffsetIvariableisStatic()ZQR/S
getParameters2()Lnet/bytebuddy/description/method/ParameterList;UV/W.net/bytebuddy/description/method/Para
meterListYsize[1Zjava/lang/Void^TYPELjava/lang/Class;`a _b
represents(Ljava/lang/reflect/Type;)Zde7fC\indexisCopyingArgumentsprepare((Lnet/bytebuddy/jar/asm/MethodVis
itor;)I#net/bytebuddy/jar/asm/MethodVisitormvisitVarInsn(II)Vop
nqSINGLE1Lnet/bytebuddy/implementation/bytecode/StackSize;st <uZEROwt
<xiterator()Ljava/util/Iterator;z{Zjava/util/Iterator~hasNextRnext()Ljava/lang/Object;5net/bytebuddy/description/m
ethod/ParameterDescriptiongetType:(Lnet/bytebuddy/description/type/TypeDescription$Generic;
asErasure2()Lnet/bytebuddy/description/type/TypeDescription;
getDescriptor()Ljava/lang/String;net/bytebuddy/jar/asm/Type0(Ljava/lang/String;)Lnet/bytebuddy/jar/asm/Type;
getOpcode+
getOffset19maximumd(Lnet/bytebuddy/implementation/bytecode/StackSize;)Lnet/bytebuddy/implementation/bytec
ode/StackSize;
<
stackSizetypeLnet/bytebuddy/jar/asm/Type;parameterDescription7Lnet/bytebuddy/description/method/ParameterDe
scription;
methodVisitor%Lnet/bytebuddy/jar/asm/MethodVisitor;equals(Ljava/lang/Object;)Zjava/lang/ObjectgetClass()Ljav
a/lang/Class;
hashCodeCodeLineNumberTableLocalVariableTableLocalVariableTypeTable Signature
StackMapTableInnerClasses
SourceFileRuntimeVisibleAnnotations!r
*+,-
6 74
```

!
"#
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)%
&'*+w3*-3*5:?'*AGK`*M:?'`;
<=>2;3 !3NOP+W*-T*-X]`*5cg`*Ah`*Mcg``#@a]DE'F9GFHVdW !WiOjR,N !k1*-TG+r+:*
3*5:?'*AGK`*M:?'rvMyM*-X}N--::+r+6*-
3*5:?'*AGK`*M:?'`r,Mp,?P<VTUV#W0X=YFVIZP\T^w_`abcdeafgh>Mtfw| !Tt3*++*+12

&

```
<?xml version="1.0" encoding="ISO-8859-1" ?>  
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">  
<html xmlns="http://www.w3.org/1999/xhtml">
```

<head>

```
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />  
<title>Eclipse Public License - Version 1.0</title>  
<style type="text/css">
```

```
body {  
    size: 8.5in 11.0in;  
    margin: 0.25in 0.5in 0.25in 0.5in;  
    tab-interval: 0.5in;  
}
```

```
p {  
    margin-left: auto;  
    margin-top: 0.5em;  
    margin-bottom: 0.5em;  
}
```

```
p.list {  
    margin-left: 0.5in;  
    margin-top: 0.05em;  
    margin-bottom: 0.05em;  
}
```

</style>

</head>

<body lang="EN-US">

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</body>

</html>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML+RDFa 1.0//EN"

"http://www.w3.org/MarkUp/DTD/xhtml-rdfa-1.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" version="XHTML+RDFa 1.0" dir="ltr">

<head profile="http://www.w3.org/1999/xhtml/vocab">

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<link rel="shortcut icon" href="http://opensource.org/files/garland_favicon.png" type="image/png" />

<link rel="shortlink" href="/node/66" />

<link rel="canonical" href="/licenses/MIT" />

<meta name="Generator" content="Drupal 7 (http://drupal.org)" />

<title>The MIT License (MIT) | Open Source Initiative</title>

<link type="text/css" rel="stylesheet" href="http://opensource.org/files/css/css_xE-rWrJf-fncB6ztZfd2huxqgxu4WO-qwma6Xer30m4.css" media="all" />

<link type="text/css" rel="stylesheet" href="http://opensource.org/files/css/css_2ATB4XKGEvmoUk_p62PwI-

```

o2aW47EqqS0nD2dmPZoV4.css" media="all" />
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<link type="text/css" rel="stylesheet"
href="http://opensource.org/files/css/css_k3snrbsthqot7V7ccRZHS9OkCZkwBv4adtNieIV1bEU.css" media="print"
/>

<!--[if lt IE 7]>
<link type="text/css" rel="stylesheet" href="http://opensource.org/themes/garland/fix-ie.css?nfb7pm" media="all"
/>
<![endif]-->
<script type="text/javascript"
src="http://opensource.org/files/js/js_xAPI0qIk9eowy_is9tNkCWXLUVoat94SQT48UBCFkyQ.js"></script>
<script type="text/javascript">
<!--/--><![CDATA[//><!--
jQuery.extend(Drupal.settings,
{"basePath":"\/","pathPrefix":"","ajaxPageState":{"theme":"garland","theme_token":"meUjjBBfr6QFJv5kp0oKi152
l673C3xJMLGIQzbH9g0"},"js":{"misc\/jquery.js":1,"misc\/jquery.once.js":1,"misc\/drupal.js":1},"css":{"modules\/s
ystem\/system.base.css":1,"modules\/system\/system.menus.css":1,"modules\/system\/system.messages.css":1,"mod
ules\/system\/system.theme.css":1,"modules\/aggregator\/aggregator.css":1,"modules\/comment\/comment.css":1,"m
odules\/field\/theme\/field.css":1,"sites\/all\/modules\/mollom\/mollom.css":1,"modules\/node\/node.css":1,"modules
\/search\/search.css":1,"modules\/user\/user.css":1,"themes\/garland\/style.css":1,"themes\/garland\/print.css":1,"the
mes\/garland\/fix-ie.css":1}}});
//--><![]]>
</script>
</head>
<body class="html not-front not-logged-in one-sidebar sidebar-first page-node page-node- page-node-66 node-type-
page fluid-width" >
<div id="skip-link">
<a href="#main-content" class="element-invisible element-focusable">Skip to main content</a>
</div>

<div id="wrapper">
<div id="container" class="clearfix">

<div id="header">
<div id="logo-floater">
<div id="branding"><strong><a href="">

<span>Open Source Initiative</span> </a></strong></div>
</div>

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

<div id="sidebar-first" class="sidebar">
<div class="region region-sidebar-first">
<div id="block-search-form" class="block block-search clearfix">

```

<h2 class="title">Search this site:</h2>

<div class="content">

<form action="/licenses/mit-license.php" method="post" id="search-block-form" accept-charset="UTF-8"><div><div class="container-inline">

<div class="form-item form-type-textfield form-item-search-block-form">

<label class="element-invisible" for="edit-search-block-form--2">Search </label>

<input title="Enter the terms you wish to search for." type="text" id="edit-search-block-form--2" name="search_block_form" value="" size="15" maxlength="128" class="form-text" />

</div>

<div class="form-actions form-wrapper" id="edit-actions"><input type="submit" id="edit-submit" name="op" value="Search" class="form-submit" /></div><input type="hidden" name="form_build_id" value="form-MyBqFtDvzOmaSnCHKIG9yhm0ofMr7fNMG5Vy76N_uk" />

<input type="hidden" name="form_id" value="search_block_form" />

</div>

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

</div>

<div id="block-system-navigation" class="block block-system block-menu clearfix">

<h2 class="title">Navigation</h2>

<div class="content">

<ul class="menu"><li class="first collapsed">About the OSI

<li class="collapsed">The Open Source Definition

<li class="collapsed">Open Source Licenses

<li class="leaf">Working Groups

<li class="leaf">FAQ

<li class="collapsed">Trademark and Logo Usage

<li class="collapsed">Open Standards

<li class="leaf">Open Source Education

<li class="collapsed">Mailing lists

<li class="collapsed">Getting Help

<li class="collapsed">Donate to the OSI

<li class="leaf">OSI Individual Membership

<li class="leaf">OSI Store

<li class="collapsed">OSI Affiliate Membership

<li class="leaf">Contact OSI

<li class="leaf">Terms of Service

```
<li class="last leaf"><a href="/support">OSI Corporate Support</a></li>
</ul> </div>
</div>
</div>
</div>
```

```
<div id="center"><div id="squeeze"><div class="right-corner"><div class="left-corner">
  <h2 class="element-invisible">You are here</h2><div class="breadcrumb"><a href="/">Home</a></div>
  <a id="main-content"></a>
  <div id="tabs-wrapper" class="clearfix">
    <h1 class="with-tabs">The MIT License
(MIT)</h1>
    </div>
    <div class="clearfix">
      <div class="region region-content">
        <div id="block-system-main" class="block block-system clearfix">
```

```
<div class="content">
  <div id="node-66" class="node node-page">
```

```
<div class="content clearfix">
  
  <div class="field field-name-body field-type-text-with-summary field-label-hidden"><div class="field-
items"><div class="field-item even"><p>The MIT License (MIT)</p>
<p>Copyright (c) <year> <copyright holders></p>
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of this software and associated documentation files (the "Software"), to deal<br />
in the Software without restriction, including without limitation the rights<br />
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THE SOFTWARE.</p>
</div></div></div> </div>
```

```
<div class="clearfix">
  <div class="links"></div>
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```

</div>

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

<div class="content">
<p style="text-align:center">Help shape the future of the Open Source Initiative...<br /><a
href="http://osi.xwiki.com">visit and participate in the OSI wiki</a>.
</p>

<div>
<a href="https://twitter.com/OpenSourceOrg" class="twitter-follow-button" data-show-count="false" data-
lang="en">Follow @OpenSourceOrg</a>
<script>
<!--//--><![CDATA[// ><!--
!function(d,s,id){ var
js,fjs=d.getElementsByTagName(s)[0];if(!d.getElementById(id)){js=d.createElement(s);js.id=id;js.src="//platform.t
witter.com/widgets.js";fjs.parentNode.insertBefore(js,fjs);}}(document,"script","twitter-wjs");
//--><![]]>
</script></div>

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href="http://creativecommons.org/licenses/by/4.0/">Creative Commons Attribution 4.0 International
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<!-- <rdf:RDF xmlns="http://web.resource.org/cc/" xmlns:dc="http://purl.org/dc/elements/1.1/"
xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#" xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#">
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<license rdf:resource="http://creativecommons.org/licenses/by/3.0/" />
</Work>
<License rdf:about="http://creativecommons.org/licenses/by/3.0/"><permits
rdf:resource="http://web.resource.org/cc/Reproduction"/><permits
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rdf:resource="http://web.resource.org/cc/Attribution"/><permits
rdf:resource="http://web.resource.org/cc/DerivativeWorks"/></License></rdf:RDF>
-->

```

| Terms of Service

</p>

</div>

</div>

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

<div class="content">

<script src="http://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></div></div></div> <!-- /.left-corner, /.right-corner, /#squeeze, /#center -->

</div> <!-- /#container -->

</div> <!-- /#wrapper -->

</body>

</html>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

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<meta http-equiv="content-type"

content="text/html; charset=ISO-8859-1">

<title>CDDL ver. 1.0</title>

<meta name="author" content="Cliff Allen">

</head>

<body>

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1.19 snmp-4j 2.4.1

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

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treats it as such.

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1.21 libffi 3.0.13-19.el7

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1.22 jersey-bean-validation 2.25.1

1.23 slang 2.2.4 11.e17

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1.24 spring-boot-starter 2.1.11

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1.29 springfox-swagger-common 2.7.0

1.30 drbd 9.12.2

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```

```
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1.31 jersey-apache-connector 2.27

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1.32 servlet-api 4.0.0

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1.33 spring-security-rsa 1.0.3

1.34 jakarta-el-api 3.0.2

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1.35 jersey-guava 2.25.1

1.36 unzip 6.0-21.el7

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Jim Luther's Mac OS File Manager interface code; and Christopher Evans'

MacBinaryIII coding code (for the MacOS port).. These copyrights are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered by the new Info-ZIP license. For details, please read the accompanying file LICENSE. The terms and conditions in this license supersede the copyright conditions of the contributions by Igor Mandrichenko (vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c), Mike White (Windows DLL code in "windll/*"), Steve P. Miller (Pocket UnZip GUI "wince/*"), and Mark Adler (inflate/explode decompression core routines, previously put into the public domain). All these Info-ZIP contributors (or "primary" authors) have permitted us to replace their copyright notes by the Info-ZIP License.

Frequently Asked Questions regarding (re)distribution of Zip and UnZip are near the end of this file.

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The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP License. Therefore, support for the reduce method has been removed.

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

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 *
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 *
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"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

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

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

1.37 spring-expression 5.1.12

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1.42 spring-security-core 4.2.12

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```

```
*/
```

```
/**
```

```
* Determines if the { @link #getAuthentication() } has permission to access the target
* given the permission
* @param target the target domain object to check permission on
* @param permission the permission to check on the domain object (i.e. "read",
* "write", etc).
* @return true if permission is granted to the { @link #getAuthentication() }, else
* false
*/
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-
jar/org/springframework/security/access/expression/SecurityExpressionOperations.java
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```
* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-
jar/org/springframework/security/jackson2/SecurityJackson2Modules.java
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```

```
/**
 * Reviews the Object returned from a secure object invocation, being able to
 * modify the Object or throw an AccessDeniedException.
 *
 * 

Typically used to ensure the principal is permitted to access the domain object
 * instance returned by a service layer bean. Can also be used to mutate the domain object
 * instance so the principal is only able to access authorised bean properties or
 * Collection elements.


 *
 * 

Special consideration should be given to using an AfterInvocationManager
 * on bean methods that modify a database. Typically an
 * AfterInvocationManager is used with read-only methods, such as


 */
```

```
* <code>public DomainObject getById(id)</code>. If used with methods that modify a
* database, a transaction manager should be used to ensure any
* <code>AccessDeniedException</code> will cause a rollback of the changes made by the
* transaction.
* </p>
*
* @author Ben Alex
*/
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-
jar/org/springframework/security/access/intercept/AfterInvocationManager.java
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* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/core/ComparableVersion.java

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* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/jackson2/UnmodifiableSetMixin.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/jackson2/UsernamePasswordAuthenticationTokenDeserializer.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/jackson2/UsernamePasswordAuthenticationTokenMixin.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/jackson2/UserDeserializer.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/jackson2/UserMixin.java

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* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/jackson2/RememberMeAuthenticationTokenMixin.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/jackson2/AnonymousAuthenticationTokenMixin.java

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- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/encrypt/BouncyCastleAesBytesEncryptor.java
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- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/encrypt/Encryptors.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/encrypt/BouncyCastleAesCbcBytesEncryptor.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/keygen/HexEncodingStringKeyGenerator.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/password/NoOpPasswordEncoder.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/encrypt/HexEncodingTextEncryptor.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/keygen/StringKeyGenerator.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/keygen/SecureRandomBytesKeyGenerator.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/password/StandardPasswordEncoder.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/encrypt/CipherUtils.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/encrypt/AesBytesEncryptor.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/encrypt/BytesEncryptor.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/password/PasswordEncoder.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/encrypt/TextEncryptor.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-

jar/org/springframework/security/crypto/encrypt/BouncyCastleAesGcmBytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-
jar/org/springframework/security/crypto/keygen/SharedKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-
jar/org/springframework/security/crypto/keygen/KeyGenerators.java
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 * limitations under the License.
 */
/**
 * Base64 encoder which is a reduced version of Robert Harder's public domain
 * implementation (version 2.3.7). See <a
 * href="http://iharder.sourceforge.net/current/java/base64/">http://iharder.sourceforge.net/current/java/base64/</a>
 * for more information.
 * <p>
 * For internal use only.
 *
 * @author Luke Taylor
 * @since 3.0
 */
```

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-
jar/org/springframework/security/crypto/codec/Base64.java
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- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/jaas/AbstractJaasAuthenticationProvider.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/jaas/DefaultJaasAuthenticationProvider.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/jaas/memory/InMemoryConfiguration.java

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- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/encoding/Md4PasswordEncoder.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/encoding/Md4.java

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- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/password/Md4.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/factory/PasswordEncoderFactories.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/password/PasswordEncoderUtils.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/password/Md4PasswordEncoder.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/password/DelegatingPasswordEncoder.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/password/MessageDigestPasswordEncoder.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/scrypt/SCryptPasswordEncoder.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/password/LdapShaPasswordEncoder.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/password/Pbkdf2PasswordEncoder.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/keygen/Base64StringKeyGenerator.java

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*/

/**

*

- * @param authentication represents the user in question. Should not be null.

* @param targetDomainObject the domain object for which permissions should be
* checked. May be null in which case implementations should return false, as the null
* condition can be checked explicitly in the expression.
* @param permission a representation of the permission object as supplied by the
* expression system. Not null.
* @return true if the permission is granted, false otherwise
*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/PermissionEvaluator.java

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* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/crypto/bcrypt/BCryptPasswordEncoder.java

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* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/hierarchicalroles/RoleHierarchyUtils.java

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*/

/**

* A token issued by { @link TokenService }.

*

* <p>

* It is important that the keys assigned to tokens are sufficiently randomised and

* secured that they can serve as identifying a unique user session. Implementations of

* { @link TokenService } are free to use encryption or encoding strategies of their choice.

* It is strongly recommended that keys are of sufficient length to balance safety against

* persistence cost. In relation to persistence cost, it is strongly recommended that

* returned keys are small enough for encoding in a cookie.

* </p>

*

* @author Ben Alex

* @since 2.0.1

*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/core/token/Token.java

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- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/jaas/JaasAuthenticationCallbackHandler.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/core/context/ThreadLocalSecurityContextHolderStrategy.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/dao/DaoAuthenticationProvider.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/AccountExpiredException.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/DisabledException.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/core/userdetails/memory/UserAttributeEditor.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/core/userdetails/User.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/ProviderManager.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/intercept/RunAsUserToken.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/event/AuthenticationFailureDisabledEvent.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/event/AuthenticationSuccessEvent.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/encoding/ShaPasswordEncoder.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/intercept/aspectj/AspectJCallback.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/SecurityConfig.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/event/AuthenticationFailureExpiredEvent.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/core/session/SessionRegistryImpl.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/RememberMeAuthenticationProvider.java
- * /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/RememberMeAuthenticationToken.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/event/AbstractAuthenticationEvent.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/annotation/Secured.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/method/MethodSecurityMetadataSource.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/core/userdetails/UserDetailsService.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/TestingAuthenticationProvider.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/event/AuthenticationFailureLockedEvent.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/dao/ReflectionSaltSource.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/SecurityMetadataSource.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/ConfigAttribute.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/LockedException.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/core/context/SecurityContext.java

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* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/rcp/RemoteAuthenticationProvider.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/method/AbstractMethodSecurityMetadataSource.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/util/InMemoryResource.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/BadCredentialsException.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/jaas/JaasNameCallbackHandler.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/vote/AbstractAclVoter.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/core/session/SessionRegistry.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/jaas/SecurityContextLoginModule.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/event/AbstractAuthorizationEvent.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/AnonymousAuthenticationProvider.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/jaas/AuthorityGranter.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/vote/UnanimousBased.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/core/context/GlobalSecurityContextHolderStrategy.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/core/SpringSecurityMessageSource.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/AuthenticationCredentialsNotFoundException.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/event/LoggerListener.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/intercept/aopalliance/MethodSecurityInterceptor.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/vote/RoleVoter.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/event/AuthenticationCredentialsNotFoundEvent.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/AuthenticationProvider.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/AccessDecisionVoter.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/access/intercept/aopalliance/MethodSecurityMetadataSourceAdvisor.java

* /opt/ws_local/PERMITS_SQL/1046048933_1590071390.59/0/spring-security-core-4-2-12-release-sources-1-jar/org/springframework/security/authentication/encoding/Md5PasswordEncoder.java

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1.45 spidermonkey 1.8.5

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1.46 libxslt 1.1.28 5.e17

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1.47 mitchellh-cli 1.0.0

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@c ispell-local-pdict: "ispell-dict"
@c End:
```

1.50 memberlist 0.1.4

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* Tim Martin
```

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* Rob Earhart
```

```
* Rob Siemborski
```

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

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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Section 6 states terms for distribution of such executables.

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

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

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

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

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

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

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1.53 swagger 1.5.13

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```
package io.swagger.models;
```

```
import com.fasterxml.jackson.annotation.JsonAnyGetter;
```

```
import com.fasterxml.jackson.annotation.JsonAnySetter;
```

```
import java.util.LinkedHashMap;
```

```
import java.util.Map;
```

```
public class License {
```

```
    private Map<String, Object> vendorExtensions = new LinkedHashMap<String, Object>();
```

```
    private String name;
```

```
    private String url;
```

```
    public License name(String name) {
```

```
        setName(name);
```

```
        return this;
```

```
    }
```

```
    public License url(String url) {
```

```
        setUrl(url);
```

```
        return this;
```

```
    }
```

```
    public String getName() {
```

```
        return name;
```

```
    }
```

```
    public void setName(String name) {
```

```
        this.name = name;
```

```
    }
```

```
    public String getUrl() {
```

```
        return url;
```

```
    }
```

```
    public void setUrl(String url) {
```

```
        this.url = url;
```

```
    }
```

```
    @JsonAnyGetter
```

```
    public Map<String, Object> getVendorExtensions() {
```

```
        return vendorExtensions;
```

```
    }
```

```

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

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

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

@Override
public boolean equals(Object obj) {
    if (this == obj) {
        return true;
    }
    if (obj == null) {
        return false;
    }
    if (getClass() != obj.getClass()) {
        return false;
    }
    License other = (License) obj;
    if (name == null) {
        if (other.name != null) {
            return false;
        }
    } else if (!name.equals(other.name)) {
        return false;
    }
    if (url == null) {
        if (other.url != null) {
            return false;
        }
    } else if (!url.equals(other.url)) {
        return false;
    }
    return true;
}

```

```

}
/**
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 */

```

```
package io.swagger.annotations;
```

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

```

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

```

```

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

```

```

    /**
     * The name of the license.
     *
     * @return the name of the license
     */

```

```
String name();
```

```

    /**
     * An optional URL for the license.
     *
     * @return an optional URL for the license.
     */

```

```
String url() default "";
```

}

1.54 spring-web 4.3.24

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1.56 curl 7.30.0

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=====

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1.57 snake-yaml 1.15

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1.58 jakarta-ws-rs-api 2.1.5

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1.71 spring-hateoas 0.23.0

1.71.1 Available under license :

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1.79 spring-security-web 4.2.12

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jar/org/springframework/security/web/util/matcher/AntPathRequestMatcher.java
```


* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/context/request/async/SecurityContextCallableProcessingInterceptor.java
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/util/matcher/RequestMatcherEditor.java

* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/authentication/DelegatingAuthenticationEntryPoint.java

* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/jaasapi/JaasApiIntegrationFilter.java

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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/header/HeaderWriterFilter.java

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jar/org/springframework/security/web/header/writers/CacheControlHeadersWriter.java
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jar/org/springframework/security/web/session/SessionInformationExpiredStrategy.java
```

```
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/jackson2/PreAuthenticatedAuthenticationTokenMixin.java
```

```
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/jackson2/CookieDeserializer.java
```

```
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/jackson2/CookieMixin.java
```

```
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/jackson2/WebAuthenticationDetailsMixin.java
```

* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/jackson2/WebJackson2Module.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/jackson2/SavedCookieMixin.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/jackson2/PreAuthenticatedAuthenticationTokenDeserializer.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/jackson2/DefaultSavedRequestMixin.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/jackson2/DefaultCsrfTokenMixin.java
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/access/expression/DelegatingEvaluationContext.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/csrf/LazyCsrfTokenRepository.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/csrf/CookieCsrfTokenRepository.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/util/matcher/RequestVariablesExtractor.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/session/SessionInformationExpiredEvent.java
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/access/AccessDeniedHandler.java

* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/authentication/www/NonceExpiredException.java

* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/authentication/www/DigestAuthenticationEntryPoint.java

* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/authentication/UsernamePasswordAuthenticationFilter.java

* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/authentication/WebAuthenticationDetailsSource.java

* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-jar/org/springframework/security/web/authentication/LoginUrlAuthenticationEntryPoint.java

* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-

jar/org/springframework/security/web/access/channel/RetryWithHttpsEntryPoint.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/session/HttpSessionCreatedEvent.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/session/HttpSessionDestroyedEvent.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/savedrequest/Enumerator.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/PortResolver.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/authentication/switchuser/AuthenticationSwitchUserEvent.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/access/channel/ChannelEntryPoint.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/PortMapperImpl.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/savedrequest/FastHttpDateFormat.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/access/intercept/DefaultFilterInvocationSecurityMetadataSource.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/savedrequest/DefaultSavedRequest.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/servletapi/SecurityContextHolderAwareRequestWrapper.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/authentication/rememberme/TokenBasedRememberMeServices.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/access/intercept/FilterSecurityInterceptor.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/authentication/logout/LogoutFilter.java
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/authentication/RememberMeServices.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-

jar/org/springframework/security/web/access/channel/ChannelDecisionManagerImpl.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/AuthenticationEntryPoint.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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jar/org/springframework/security/web/authentication/WebAuthenticationDetails.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/access/WebInvocationPrivilegeEvaluator.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/servletapi/SecurityContextHolderAwareRequestFilter.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/FilterChainProxy.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/session/HttpSessionEventPublisher.java
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jar/org/springframework/security/web/access/channel/InsecureChannelProcessor.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/authentication/switchuser/SwitchUserGrantedAuthority.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/access/channel/ChannelProcessingFilter.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
jar/org/springframework/security/web/access/channel/ChannelDecisionManager.java
* /opt/ws_local/PERMITS_SQL/1046048993_1590071856.54/0/spring-security-web-4-2-12-release-sources-1-
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jar/org/springframework/security/web/access/DelegatingAccessDeniedHandler.java
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Version 3, 29 June 2007

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1.85 springfox-spi 2.7.0

1.86 janino 2.7.6

1.87 jansson 2.10 1.e17

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1.88 go-sockaddr 1.0.0

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for CyberLogin for Linux which allows logging onto EON

(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a
line to the DVB mailing list)

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

*

* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

* <http://www.hypermall.com/>

* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY

* interrupts us (except possibly for removal/insertion of the cable?)

* 10/4/97 - began heavy inline documentation of the code. Corrected typos

* and spelling mistakes.

* 10/5/97 - added code to handle PHY interrupts, disable PHY on

* loss of link, and correctly re-enable PHY when link is

* re-established. (put back CFG_PHYIE)

*

* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

*

* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997

*

* Linux driver for the IDT77201 NICStAR PCI ATM controller.

* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;

* see init_nicstar() for PHY initialization to change this. This driver

* expects the Linux ATM stack to support scatter-gather lists

* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

*

* Implementing minimal-copy of received data:

* IDT always receives data into a small buffer, then large buffers

* as needed. This means that data must always be copied to create

* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)

* Fix is simple: make large buffers large enough to hold entire

* SDU, and leave <small_buffer_data> bytes empty at the start. Then

* copy small buffer contents to head of large buffer.

* Trick is to avoid fragmenting Linux, due to need for a lot of large

* buffers. This is done by 2 things:

* 1) skb->destructor / skb->atm.recycle_buffer

* combined, allow nicstar_free_rx_skb to be called to

* recycle large data buffers

* 2) skb_clone of received buffers

* See nicstar_free_rx_skb and linearize_buffer for implementation

* details.

*

*

*

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*

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*
* M. Welsh, 6 July 1996
*
*
*/

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QLogic Linux FC-FCoE Driver

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1.101 animal-sniffer-annotation 1.17

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1.102 lua 5.1.4 15.el7

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1.103 jersey-media-json-jackson 2.25.1

1.104 gdbm 1.10-8.el7

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1.105 spring-aop 4.3.24

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

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

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

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

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

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

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

c) Accompany the work with a written offer, valid for at

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

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

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

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

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

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

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

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

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses

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11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

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

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

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

<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

1.108 python-pam 0.1.4-1.el7

1.108.1 Available under license :

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

License: MIT

Classifier: License :: OSI Approved :: MIT License

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1046392014_1590068745.95/0/python-pam-0.1.4-1.el7.src.rpm-cosi-expand-archive-XxeHenAz/pam-0.1.4.tar.gz-cosi-expand-archive-M3LxQWz0/pam-0.1.4/PKG-INFO

* /opt/ws_local/PERMITS_SQL/1046392014_1590068745.95/0/python-pam-0.1.4-1.el7.src.rpm-cosi-expand-archive-XxeHenAz/pam-0.1.4.tar.gz-cosi-expand-archive-M3LxQWz0/pam-0.1.4/pam.egg-info/PKG-INFO

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

Name: python-pam

Version: 0.1.4

Release: 1%{?dist}

Summary: Pure Python interface to the Pluggable Authentication Modules system on Linux

Group: Development/Libraries

License: MIT

URL: <http://atlee.ca/software/pam/>

Source0: <https://pypi.python.org/packages/source/p/pam/pam-%{version}.tar.gz>

BuildArch: noarch

BuildRequires: python2-devel

BuildRequires: python-setuptools

%description

This module provides an authenticate function that allows the caller to authenticate a given username / password against the PAM system on Linux.

%prep

%setup -q -n pam-%{version}

%build

%{__python2} setup.py build

```

%install
% {__python2} setup.py install --skip-build --root % {buildroot}

%files
% {python2_sitelib}/pam.py*
% {python2_sitelib}/pam-*.egg-info

%changelog
* Wed Jun 11 2014 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 0.1.4-1
- Bug #1104258 update to 0.1.4

* Sat Jun 07 2014 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 0.1.3-3
- Rebuilt for https://fedoraproject.org/wiki/Fedora\_21\_Mass\_Rebuild

* Sun Aug 04 2013 Fedora Release Engineering <rel-eng@lists.fedoraproject.org> - 0.1.3-2
- Rebuilt for https://fedoraproject.org/wiki/Fedora\_20\_Mass\_Rebuild

* Tue Jul 09 2013 Juan Orti Alcaine <jorti@fedoraproject.org> - 0.1.3-1
- Initial packaging

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1046392014_1590068745.95/0/python-pam-0.1.4-1.el7.src.rpm-cosi-expand-
archive-XxeHenAz/python-pam.spec
No license file was found, but licenses were detected in source scan.

from setuptools import setup, find_packages
import sys, os

version = '0.1.4'

setup(name='pam',
      version=version,
      description="PAM interface using ctypes",
      long_description="""\
An interface to the Pluggable Authentication Modules (PAM) library on linux, written in pure python (using
ctypes)""",
      classifiers=["Development Status :: 3 - Alpha",
                  "Intended Audience :: Developers",
                  "License :: OSI Approved :: MIT License",
                  "Operating System :: POSIX :: Linux",
                  "Operating System :: MacOS :: MacOS X",
                  "Programming Language :: Python",
                  "Topic :: Software Development :: Libraries :: Python Modules",
                  "Topic :: System :: Systems Administration :: Authentication/Directory"
                  ],
      keywords="",
      author='Chris AtLee',
      author_email='chris@atlee.ca',

```

```

url='http://atlee.ca/software/pam',
download_url = "http://atlee.ca/software/pam/dist/%s" % version,
license='MIT',
py_modules=["pam"],
zip_safe=True,
install_requires=[],
entry_points="""
# -*- Entry points: -*-
""",
)

```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046392014_1590068745.95/0/python-pam-0.1.4-1.el7.src.rpm-cosi-expand-
archive-XxeHenAz/pam-0.1.4.tar.gz-cosi-expand-archive-M3LxQWz0/pam-0.1.4/setup.py
```

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

Licensed under the MIT license:

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046392014_1590068745.95/0/python-pam-0.1.4-1.el7.src.rpm-cosi-expand-
archive-XxeHenAz/pam-0.1.4.tar.gz-cosi-expand-archive-M3LxQWz0/pam-0.1.4/pam.py
```

1.109 hibernate-c3p0 5.3.4

1.109.1 Available under license :

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Version 2.1, February 1999

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as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

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freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You

can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

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

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those

libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

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

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

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

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

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

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

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

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

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

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

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2,

instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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

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

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

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

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

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

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

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

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

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

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1.111 springfox-spi 2.9.2

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1.112 spring-boot-actuator 1.5.21

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1.113 armon-go-metrics 0.3.3

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1.114 open-ldap 2.4.44 21.el7_6

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To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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Each licensee is addressed as "you".

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

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

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

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

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

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

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

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the

ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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

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

Library will still fall under Section 6.)

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

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

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

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

d) If distribution of the work is made by offering access to copy

from a designated place, offer equivalent access to copy the above specified materials from the same place.

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

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

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

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

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

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

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

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

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

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

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only

works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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

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- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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1.123 libdrm 2.4.97 2.e17

1.124 spring-security-config 4.2.12

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 */
package org.springframework.security.config;

import org.springframework.beans.factory.config.BeanDefinition;
import org.springframework.beans.factory.support.RootBeanDefinition;
import org.springframework.beans.factory.xml.BeanDefinitionParser;
import org.springframework.beans.factory.xml.ParserContext;
import org.springframework.security.config.debug.SecurityDebugBeanFactoryPostProcessor;
import org.w3c.dom.Element;

/**
 * @author Luke Taylor
 */
public class DebugBeanDefinitionParser implements BeanDefinitionParser {
    public BeanDefinition parse(Element element, ParserContext parserContext) {
        RootBeanDefinition debugPP = new RootBeanDefinition(
            SecurityDebugBeanFactoryPostProcessor.class);
        parserContext.getReaderContext().registerWithGeneratedName(debugPP);

        return null;
    }
}

```

1.125 kmod 20-28.el7

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Version 2, June 1991

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1.131 jsr311-api 1.1.1

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1.132 jersey-spring 2.25.1

1.133 jackson-module-jaxb-annotations 2.8.11

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1.134 spring-boot-starter-json 2.1.11

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1.135 okio 1.15.0

1.136 ustr 1.0.4 16.e17

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```

```
<signature of Ty Coon>, 1 April 1990
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1.140 jersey-client 2.25.1

1.141 hashicorp-serf 0.8.2

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1.144 libedit 3.0 12.20121213cvs.el7

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1.145 commons-collections 4.2

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1.146 go-jose 2.1.8

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1.147 spring-retry 1.2.2

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1.148 vixie-cron 3.0pl1-127

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Edit config.h. The stuff I expect you to change is down a bit from the top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the /var/cron or /var/cron/tabs directories, since both the daemon and the `crontab' program will do this the first time they run if they don't exist. You do need to have a /var, though -- just "mkdir /var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var" if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you change the Makefile. These will have to be created by hand, but if you are a long-time Usenet user you probably have them already. /usr/local/man is where I keep my man pages, but I have the source for `man' and you probably do not. Therefore you may have to put the man pages into /usr/man/man1, which will be hard since there will be name collisions. (Note that the man command was originally written by Bill Joy before he left Berkeley, and it contains no AT&T code, so it is in UUNET's archive of freely-distributable BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows _PATH_SENDMAIL to be /usr/bin/sendmail even though sendmail is installed in /usr/lib. you should check this out.

say:

```
make all
```

su and say:

```
make install
```

Note that if I can get you to "su and say" something just by asking, you have a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file for help on this.

Use the `crontab' command to install all the little pieces you just created. Some examples (see below before trying any of these!)

```
crontab -u uucp -r /usr/lib/uucp/crontab.src
crontab -u news -r /usr/lib/news/crontab.src
crontab -u root -r /usr/adm/crontab.src
```

Notes on above examples: (1) the .src files are copied at the time the command is issued; changing the source files later will have no effect until they are reinstalled with another `crontab -r' command. (2) The crontab command will affect the crontab of the person using the command unless `-u USER' is given; `-u' only works for root. When using most `su' commands under most BSD's, `crontab' will still think of you as yourself even though you may think of yourself as root -- so use `-u' liberally. (3) the `-r' option stands for `replace'; check the man page for crontab(1) for other possibilities.

Kill your existing cron daemon -- do `ps aux' and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up /etc/cron. Comment it out and add a line to start the new cron daemon -- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron (or whatever); no '&' is needed since the daemon forks itself and the process you executed returns immediately.

ATT notes: for those people unfortunate enough to be stuck on a AT&T UNIX, you will need the public-domain "libndir", found in the B News source and in any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/INSTALL
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* /opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/popen.c

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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/Makefile

* /opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/README

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```
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* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
*/
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-
3.0pl1.orig/pathnames.h
* /opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/externs.h
* /opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/compat.h
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.\ " * Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
.\ " */
.\ "
.\ " $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
.\ "
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.5
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*
* @(#)bitstring.h 5.2 (Berkeley) 4/4/90
*/

Found in path(s):

*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/bitstring.h
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*/

Found in path(s):

*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.h
*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.c
*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-
3.0pl1.orig/do_command.c
*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/config.h
*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/user.c
*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/compat.c
*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/database.c
*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/env.c
*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/entry.c
*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.c
*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/misc.c
*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/job.c
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.\" */
.\"
.\" $Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp $
.\"
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.1
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.\" * Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
.\" */
.\"
.\" $Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp $
.\"
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.8
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.\"
.\" @(#)bitstring.3 5.1 (Berkeley) 12/13/89
.\"
```

Found in path(s):

```
*/opt/ws_local/PERMITS_SQL/1046409808_1590072105.43/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/bitstring.3
```

1.149 jackson 2.9.10

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Jackson JSON processor

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1.150 perl 5.16.3-295.el7

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

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

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

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

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

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

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the  
program `Gnomovision' (a program to direct compilers to make passes  
at assemblers) written by James Hacker.
```

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

That's all there is to it!

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```
#!/perl
```

```
=head1 NAME
```

```
copyright.t
```

```
=head1 DESCRIPTION
```

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

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

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

```
=cut
```

```
use strict;
```

```
use Config;
```

```
BEGIN { require './test.pl' }
```

```
if ( $Config{usecrosscompile} ) {
```

```
    skip_all( "Not all files are available during cross-compilation" );
```

```
}
```

```
my ($opt) = @ARGV;
```

```
my $readme_year = readme_year();
```

```
my $v_year = v_year();
```

```
# Check that both copyright dates are up-to-date, but only if requested, so
```

```
# that tests still pass for people intentionally working on older versions:
```

```
if ($opt eq '--now')
```

```
{
```

```
    my $current_year = (gmtime)[5] + 1900;
```

```
    is $v_year, $current_year, 'perl -v copyright includes current year';
```

```
    is $readme_year, $current_year, 'README copyright includes current year';
```

```
}
```

```
# Otherwise simply check that the two copyright dates match each other:
```

```
else
```

```

{
is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

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

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

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

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

$year;
}

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

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

$year;
}

```

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

abstract: 'Build and install Perl modules'

author:

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

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

build_requires:

File::Temp: 0.15

Test::Harness: 3.16

Test::More: 0.49

generated_by: 'Module::Build version 0.3608'

license: gpl

meta-spec:

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

version: 1.4

name: Module-Build

resources:

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

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

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

version: 3

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1.151 tomcat 8.5.40

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- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
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- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
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- web-common_3_0.xsd
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- web-fragment_3_1.xsd

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<http://www.oracle.com/webfolder/technetwork/jsc/xml/ns/javaee/index.html>

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- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd

- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
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1.152 hashicorp-logutils 1.0.0

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Exception occurred in calling constructor

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#Generated by Maven

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artifactId=license-tool

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ExceptionsV
SourceFile
Block.java$java/util/HashSetjava/lang/StringBuilderWXYZ&[[]^_`abcdjava/lang/String ]%&efgf12
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2346this$0%Lorg/jvnet/licensetool/ActionFactory;<init>((Lorg/jvnet/licensetool/ActionFactory;)VCodeLineNumbe
rTableLocalVariableTablethisInnerClasses'Lorg/jvnet/licensetool/ActionFactory$1;toString()Ljava/lang/String;eval
uate*(Lorg/jvnet/licensetool/file/ParsedFile;)Zarg'Lorg/jvnet/licensetool/file/ParsedFile;(Ljava/lang/Object;)Zx0Lja
va/lang/Object;
SourceFileActionFactory.javaEnclosingMethod89;
SkipActionjava/lang/StringBuilder<=called>%org/jvnet/licensetool/file/ParsedFile%org/jvnet/licensetool/ActionFa
ctory$1java/lang/Object@$org/jvnet/licensetool/Scanner$ActionAction#org/jvnet/licensetool/ActionFactory
getSkipAction()Lorg/jvnet/licensetool/Scanner$Action;()Vappend-(Ljava/lang/String;)Ljava/lang/StringBuilder;
access$000:(Lorg/jvnet/licensetool/ActionFactory;Ljava/lang/String;)Vorg/jvnet/licensetool/Scanner
4
*+*;
-8W*Y*

<= A!= *+; "#$%&'(
57
12 "
#
$%&
')*this$03Lorg/jvnet/licensetool/argparser/ElementParserImpl;<init>6(Lorg/jvnet/licensetool/argparser/ElementPar
serImpl;)VCodeLineNumberTableLocalVariableTablethisInnerClasses5Lorg/jvnet/licensetool/argparser/ElementPar
serImpl$6;evaluate&(Ljava/lang/String;)Ljava/lang/Object;strLjava/lang/String;&(Ljava/lang/Object;)Ljava/lang/O
bject;x0Ljava/lang/Object;
SignatureeLjava/lang/Object;Lorg/jvnet/licensetool/generic/UnaryFunction<Ljava/lang/String;Ljava/lang/Object;>;

```

SourceFileElementParserImpl.javaEnclosingMethod+,-
./01java/lang/String3org/jvnet/licensetool/argparser/ElementParserImpl\$6java/lang/Object+org/jvnet/licensetool/gen
eric/UnaryFunction1org/jvnet/licensetool/argparser/ElementParserImplgetPrimitiveParser@(Ljava/lang/Class;)Lorg
/jvnet/licensetool/generic/UnaryFunction;()Vjava/lang/BytevalueOf\$(Ljava/lang/String;)Ljava/lang/Byte;

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= *+ !

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#

\$%&

'()*this\$03Lorg/jvnet/licensetool/argparser/ElementParserImpl;<init>6(Lorg/jvnet/licensetool/argparser/ElementPar
serImpl;)VCodeLineNumberTableLocalVariableTablethisInnerClasses6Lorg/jvnet/licensetool/argparser/ElementPar
serImpl\$11;evaluate&(Ljava/lang/String;)Ljava/lang/Object;strLjava/lang/String;&(Ljava/lang/Object;)Ljava/lang/
Object;x0Ljava/lang/Object;

SignatureeLjava/lang/Object;Lorg/jvnet/licensetool/generic/UnaryFunction<Ljava/lang/String;Ljava/lang/Object;>;

SourceFileElementParserImpl.javaEnclosingMethod+,-

./01java/lang/String4org/jvnet/licensetool/argparser/ElementParserImpl\$11java/lang/Object+org/jvnet/licensetool/ge
neric/UnaryFunction1org/jvnet/licensetool/argparser/ElementParserImplgetPrimitiveParser@(Ljava/lang/Class;)Lor
g/jvnet/licensetool/generic/UnaryFunction;()Vjava/lang/FloatvalueOf%(Ljava/lang/String;)Ljava/lang/Float;

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qrstuv\$dataLjava/util/Map;val\$defaultDatathis\$0+Lorg/jvnet/licensetool/argparser/ArgParser;<init>L(Lorg/jvnet/l
icensetool/argparser/ArgParser;Ljava/util/Map;Ljava/util/Map;)VCodeLineNumberTableLocalVariableTablethisInn
erClasses-Lorg/jvnet/licensetool/argparser/ArgParser\$1;LocalVariableTypeTable-

Lorg/jvnet/licensetool/argparser/ArgParser.1;getValue&(Ljava/lang/String;)Ljava/lang/Object;keywordLjava/lang/S
tring;resultLjava/lang/Object;

getString&(Ljava/lang/Object;)Ljava/lang/String;elementctrIsLjava/lang/StringBuilder;objclsLjava/lang/Class;invo

keS(Ljava/lang/Object;Ljava/lang/reflect/Method;[Ljava/lang/Object;)Ljava/lang/Object;i\$Ljava/util/Iterator;proxy
methodLjava/lang/reflect/Method;args[Ljava/lang/Object;name
SourceFileArgParser.javaEnclosingMethodvwx%&"#\$#%yz{|}~java/lang/StringBuilder[, {e]toStringjava/lang/String
=2389
+org/jvnet/licensetool/argparser/ArgParser\$1java/lang/Object#java/lang/reflect/InvocationHandler)org/jvnet/licenset
ool/argparser/ArgParser makeProxy2(Ljava/util/Map;Ljava/util/Map;)Ljava/lang/Object;()V
java/util/Mapget&(Ljava/lang/Object;)Ljava/lang/Object;getClass()Ljava/lang/Class;java/lang/ClassisArray()Zappe
nd-(Ljava/lang/String;)Ljava/lang/StringBuilder;java/lang/reflect/Array
getLength(Ljava/lang/Object;)I(Ljava/lang/Object;I)Ljava/lang/Object;()Ljava/lang/String;java/lang/reflect/Method
getNameequals(Ljava/lang/Object;)Z
access\$000<(Lorg/jvnet/licensetool/argparser/ArgParser;)Ljava/util/Map;keySet()Ljava/util/Set;
java/util/Setiterator()Ljava/util/Iterator;java/util/IteratorhasNextnext()Ljava/lang/Object; !"#\$%&'()*P*+*,*-
**+,/0,123)x*+M,*+M,*Imno+ ,/45670,189)\+M,NY N-
W6+'
-
W+:-W-W-+*6
stuvw'x,y3|;}EwKRW+>;
:7-;<C=>\\,^?7W@A0\,1BC)\$z,:fY :*::WW**WW** .BJRbjms+RB(45,ADEZ=>z,/zF7zGHzIJtK50z,ILMNOP.
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COPYRIGHTLjava/lang/String;
ConstantValueLOGGERLjava/util/logging/Logger;<init>()VCodeLineNumberTableLocalVariableTablethis%Lorg/j
vnet/licensetool/ActionFactory;
getSkipActionActionInnerClasses()Lorg/jvnet/licensetool/Scanner\$Action;
getStopActiongetValidateCopyrightActionO(Lorg/jvnet/licensetool/file/PlainBlock;)Lorg/jvnet/licensetool/Scanner
\$Action;copyrightBlock'Ljava/lang/String;getModifyCopyrightActiongetReWriteCopyrightActi

```

on
tagBlocks*(Lorg/jvnet/licensetool/file/ParsedFile;)Zcddlstrcb)Lorg/jvnet/licensetool/file/CommentBlock;i$Ljava/uti
l/Iterator;pfile'Lorg/jvnet/licensetool/file/ParsedFile;hadAnOldSunCopyrightZtrace(Ljava/lang/String;)Vmsgvalidati
onErrorI(Lorg/jvnet/licensetool/file/Block;Ljava/lang/String;Ljava/lang/String;)Vblock"Lorg/jvnet/licensetool/file/B
lock;fw
traceBlock%(Lorg/jvnet/licensetool/file/Block;)V
access$000:(Lorg/jvnet/licensetool/ActionFactory;Ljava/lang/String;)Vx0x1
access$100O(Lorg/jvnet/licensetool/ActionFactory;Lorg/jvnet/licensetool/file/ParsedFile;)Z
access$200n(Lorg/jvnet/licensetool/ActionFactory;Lorg/jvnet/licensetool/file/Block;Ljava/lang/String;Ljava/lang/St
ring;)Vx2x3<clinit>
SourceFileActionFactory.javaZ[KLWX89
Copyright34%org/jvnet/licensetool/ActionFactory$18%org/jvnet/licensetool/ActionFactory$2java/lang/StringBuild
er*makeCopyrightBlockAction: copyrightText =
%org/jvnet/licensetool/ActionFactory$38%org/jvnet/licensetool/ActionFactory$4%org/jvnet/licensetool/ActionFact
ory$5'org/jvnet/licensetool/file/CommentBlockCopyrightBlockXCDDL_CDDL_TAGSunSunCopyright67XCcopyrigh
t validation error: for X_`Block=Block
contents:%org/jvnet/licensetool/file/PlainBlock#org/jvnet/licensetool/ActionFactoryjava/lang/Object$org/jvnet/licen
setool/Scanner$Action((Lorg/jvnet/licensetool/ActionFactory;)Vappend-
(Ljava/lang/String;)Ljava/lang/StringBuilder;-
(Ljava/lang/Object;)Ljava/lang/StringBuilder;toString()Ljava/lang/String;O(Lorg/jvnet/licensetool/ActionFactory;L
org/jvnet/licensetool/file/PlainBlock;)V%org/jvnet/licensetool/file/ParsedFilegetComments()Ljava/util/List;java/util
/Listiterator(Ljava/util/Iterator;java/util/IteratorhasNext()Znext(Ljava/lang/Object;find&(Ljava/lang/String;Ljava/
lang/String;addTagjava/lang/Stringcontains(Ljava/lang/CharSequence;)Zjava/util/logging/Loggerfinewarningconten
tsjava/lang/ClassgetName
getLogger.(Ljava/lang/String;)Ljava/util/logging/Logger;org/jvnet/licensetool/Scanner!/23456789:9**);
./<=>?C:3 Y*;6< =>DC:3 Y*
;H< =>EF:Y!*Y
+Y*+;
UX< !=>!GHIF:Y!*Y
+Y*+;
< !=>!GHJC:3 Y*;< =>KL:b=+N-N-::2:
!"#=:6
).5>CJT[]`<H>M4)4N4 =OPTQRb=>bST`UVWX:@$+% ;
<=>Y4Z[:,$Y&,'-(+*+);"&+<* ,=>,],Y4,^4_`M$Y*+%$+%+,$+,-
%+$+.%;! (5?L<M=>M]ab::*+;,<c>d4ef::*+;,<c>dTgh:P*+,-;.<*c>d]i4j4k9:%
/01$;lmB2@A
1)

!"
#$$%&<init>()VCodeLineNumberTableLocalVariableTablethisInnerClassesILorg/jvnet/licensetool/argparser/Elemen
tParser$1;evaluateK(Ljava/lang/reflect/Method;)Lorg/jvnet/licensetool/argparser/ElementParser;mLjava/lang/refle
ct/Method;&(Ljava/lang/Object;)Ljava/lang/Object;x0Ljava/lang/Object;
SignatureLjava/lang/Object;Lorg/jvnet/licensetool/generic/UnaryFunction<Ljava/lang/reflect/Method;Lorg/jvnet/lic
ensetool/argparser/ElementParser;>;
SourceFileElementParser.javaEnclosingMethod'
1org/jvnet/licensetool/argparser/ElementParserImpl
(java/lang/reflect/Method/org/jvnet/licensetool/argparser/ElementParser$1java/lang/Object+org/jvnet/licensetool/ge
neric/UnaryFunction-org/jvnet/licensetool/argparser/ElementParser(Ljava/lang/reflect/Method;)V

```

```

/*0
= Y+1
  A= *+0
1V 6
789;;
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=CDE
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IJKLBinaryFileParserInnerClassesMShellLikeFileParserLOGGERLjava/util/logging/Logger;<init>()VCodeLineNu
mberTableLocalVariableTablethis)Lorg/jvnet/licensetool/FileParserFactory;createJavaFileParser()Lorg/jvnet/licens
etool/file/FileParser;JAVA_COMMENT_STARTLjava/lang/String;JAVA_COMMENT_PREFIXJAVA_COMME
NT_ENDcreateJSPFileParserJSP_COMMENT_STARTJSP_COMMENT_PREFIXJSP_COMMENT_ENDcreateX
MLFileParserXML_COMMENT_STARTXML_COMMENT_PREFIXXML_COMMENT_END
access$000()Ljava/util/logging/Logger;<clinit>
SourceFileFileParserFactory.java/* **/)org/jvnet/licensetool/FileParserFactory$1N<%----
%>OEorg/jvnet/licensetool/MultiLineCommentFile$MultiLineCommentFileParserMultiLineCommentFileParser<!--
---
>)org/jvnet/licensetool/FileParserFactory$2'org/jvnet/licensetool/FileParserFactoryPQRSTUjava/lang/Object8org/jv
net/licensetool/FileParserFactory$BinaryFileParser;org/jvnet/licensetool/FileParserFactory$ShellLikeFileParser9(Lj
ava/lang/String;Ljava/lang/String;Ljava/lang/String;V*org/jvnet/licensetool/MultiLineCommentFilejava/lang/Class
getName()Ljava/lang/String;java/util/logging/Logger getLogger.(Ljava/lang/String;)Ljava/util/logging/Logger;!
3*
3 !" # $%&'& (& )$%&'&
MY
  *&+& ,& -$%
K LMY
  .&/& 0&1233%
45* @B
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>org.jvnet.licensetool</groupId>
  <artifactId>license-tool</artifactId>
  <packaging>jar</packaging>
  <version>1.0-SNAPSHOT</version>
  <name>license-tool</name>
  <url>http://maven.apache.org</url>
  <build>
    <plugins>
      <plugin>
        <artifactId>maven-compiler-plugin</artifactId>
        <version>RELEASE</version>
        <configuration>
          <source>1.5</source>
          <target>1.5</target>
        </configuration>
      </plugin>

```



```

<!-- modifies the license header -->
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-surefire-plugin</artifactId>
  <configuration>
    <forkMode>never</forkMode>
  </configuration>
</plugin>
<!-- validate the correctness of the license header -->
<plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-antrun-plugin</artifactId>
  <executions>
    <execution>
      <phase>test</phase>
      <configuration>
        <tasks>
          <taskdef name="licensetool" classname="org.jvnet.licensetool.LicenseToolTask">
            <classpath>
              <path refid="maven.test.classpath"/>
            </classpath>
          </taskdef>
          <licensetool srcDir="."
            validate="true"
            skipdirs=".svn,.cvs"
            copyright="target/test-classes/copyright/copyright.txt"
            startyear="1997"
            dryrun="false"
            includes="target/test-classes/testsrc/">
        </licensetool>
      </tasks>
    </configuration>
    <goals>
      <goal>run</goal>
    </goals>
  </execution>
</executions>
</plugin>
</plugins>
</build>
<dependencies>
  <dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <version>3.8.1</version>
    <scope>test</scope>
  </dependency>

```

```
<dependency>
  <groupId>ant</groupId>
  <artifactId>ant</artifactId>
  <version>1.6.5</version>
</dependency>
</dependencies>
```

```
</project>
```

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```
YZ[this$0_InnerClasses+Lorg/jvnet/licensetool/FileParserFactory$1;<init>V(Lorg/jvnet/licensetool/FileParserFacto  
ry$1;Lorg/jvnet/licensetool/file/FileWrapper;)VCodeLineNumberTableLocalVariableTablethis-
```

```
Lorg/jvnet/licensetool/FileParserFactory$1$1;x0(Lorg/jvnet/licensetool/file/FileWrapper;
```

```
Exceptions`createCommentBlock=(Ljava/lang/String;)Lorg/jvnet/licensetool/file/CommentBlock;strLjava/lang/Stri  
ng;i$Ljava/util/Iterator;commentTextcommentTextBlockLjava/util/List;dataAsLinesLocalVariableTypeTable$Ljava  
/util/List<Ljava/lang/String;>;
```

```
SourceFileFileParserFactory.javaEnclosingMethodab!"cjava/util/ArrayList"defghijklmnojava/lang/Stringjava/lang/S  
tringBuilderp0qrs0tuvwxyz0x{}
```

```
~0@org/jvnet/licensetool/MultiLineCommentFile$MultiLineCommentBlockMultiLineCommentBlockjava/util/Has  
hSet"+org/jvnet/licensetool/FileParserFactory$1$1\org/jvnet/licensetool/MultiLineCommentFile$MultiLineComme  
ntFileParser$BlockCommentParsedFileMultiLineCommentFileParserBlockCommentParsedFile)org/jvnet/licensetoo  
l/FileParserFactory$1java/io/IOException
```

```
parseFileQ(Lorg/jvnet/licensetool/file/FileWrapper;)Lorg/jvnet/licensetool/file/ParsedFile;r(Lorg/jvnet/licensetool/  
MultiLineCommentFile$MultiLineCommentFileParser;Lorg/jvnet/licensetool/file/FileWrapper;)V()V#org/jvnet/lic  
ensetool/util/ToolUtil$splitToLines$(Ljava/lang/String;)Ljava/util/List;java/util/Listiterator()Ljava/util/Itera  
tor;java/util/IteratorhasNext()Znext()Ljava/lang/Object;prefixappend-
```

```
(Ljava/lang/String;)Ljava/lang/StringBuilder;line_separatorcoverLineBreak8(Ljava/lang/String;Ljava/lang/String;  
Ljava/lang/String;toString()Ljava/lang/String;add(Ljava/lang/Object;)Zstart(ILjava/lang/Object;)Vsize()Iend*org/jv  
net/licensetool/MultiLineCommentFileX(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Ljava/util/List;Ljav  
a/util/Set;)VEorg/jvnet/licensetool/MultiLineCommentFile$MultiLineCommentFileParser !"#$%&'()*+,-  
.$UYM+N-:9 ;,
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```
Z[ ]^MultiLineCommentFileParserInnerClassesMultiLineCommentBlockLOGGERLjvnet/logging/Logger;<init>
(VCodeLineNumberTableLocalVariableTablethis,Lorg/jvnet/licensesetool/MultiLineCommentFile;parseBlocksp(Lor
g/jvnet/licensesetool/file/FileWrapper;Ljvnet/lang/String;Ljvnet/lang/String;Ljvnet/lang/String;)Ljvnet/util/List;plainStrin
g;Ljvnet/lang/String;
commentString
```

commentString

```
commentEndFileContentscommentStartcurrentIndexparsedBlocksLjvnet/util/List;fw(Lorg/jvnet/licensesetool/file/FileWra
pper;startendprefixLocalVariableTypeTable4Ljvnet/util/List<Lorg/jvnet/licensesetool/file/Block;>;
```

Exceptions_

```
Signature(Lorg/jvnet/licensesetool/file/FileWrapper;Ljvnet/lang/String;Ljvnet/lang/String;Ljvnet/lang/String;)Ljvnet/util/
List<Lorg/jvnet/licensesetool/file/Block;>;
```

```
access$100()Ljvnet/util/logging/Logger;<clinit>
```

SourceFileMultiLineCommentFile.java

```
`bcdefghjava/util/ArrayListijklm%org/jvnet/licensesetool/file/PlainBlocknopqrs@org/jvnet/licensesetool/MultiLineCom
mentFile$MultiLineCommentBlockjava/util/HashSetluv
```

```
%org/jvnet/licensesetool/LineCommentFilewxyz{ *org/jvnet/licensesetool/MultiLineCommentFilejava/lang/ObjectEor
g/jvnet/licensesetool/MultiLineCommentFile$MultiLineCommentFileParserjava/io/IOException/org/jvnet/licensesetool/
file/FileWrapper$OpenModeOpenModeREAD1Lorg/jvnet/licensesetool/file/FileWrapper$OpenMode;&org/jvnet/lice
nsetool/file/FileWrapperopen4(Lorg/jvnet/licensesetool/file/FileWrapper$OpenMode;)VreadAsString()Ljvnet/lang/Stri
ng;java/lang/StringindexOf(Ljvnet/lang/String;I)I
```

```
substring(II)Ljvnet/lang/String;(Ljvnet/lang/String;)Vjava/util/Listadd(Ljvnet/lang/Object;)Zlength()IZ(Ljvnet/lang/Stri
ng;Ljvnet/lang/String;Ljvnet/lang/String;Ljvnet/lang/String;Ljvnet/lang/String;Ljvnet/util/Set;)V(I)Ljvnet/lang/String;closejava/lang/Class
getNamejava/util/logging/Logger getLogger.(Ljvnet/lang/String;)Ljvnet/util/logging/Logger;! !3**
```

```
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bcd<init>()VCodeLineNumberTableLocalVariableTablethis%Lorg/jvnet/licensesetool/util/ToolUtil;splitToLines\$(Lj
va/lang/String;)Ljava/util/List;dataLjava/lang/String;linesLjava/util/List;

patternStrpatternLjava/util/regex/Pattern;matcherLjava/util/regex/Matcher;indexILocalVariableTypeTable\$Ljava/uti
l/List<Ljava/lang/String;>;

Signature8(Ljava/lang/String;)Ljava/util/List<Ljava/lang/String;>;sniffLineSeparator&(Ljava/lang/String;)Ljava/lan
g/String;flineflineLengthcovertLineBreak8(Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;inputStrline_sepa
ratorareCommentsEqual(Ljava/lang/String;Ljava/lang/String;)ZiexpgotexpLinesgotLines

SourceFile

ToolUtil.javajava/util/ArrayList(.+?)^efg.hijklmnopqrst%&uvjava/lang/Stringwrx

(.*)\$java/lang/StringBuilderz{[m]r~mp#org/jvnet/licensesetool/util/ToolUtiljava/lang/Objectjava/util/regex/Patternco
mpile.(Ljava/lang/String;D)Ljava/util/regex/Pattern;3(Ljava/lang/CharSequence;)Ljava/util/regex/Matcher;java/util/r
egex/Matcherfind()Zgroup(Ljava/lang/String;java/util/Listadd(Ljava/lang/Object;)Zend()I

substring(I)Ljava/lang/String;get(I)Ljava/lang/Object;lengthcharAt(I)Cappend-

(Ljava/lang/String;)Ljava/lang/StringBuilder;toStringsizetrimetrimequals! /*!0"# \$ % & IYLM,(N-*:6+ W

6+* W+!.234567\$8097;:=G>">I(A)*>+(7,-0./-012A)345 67 U*L+

M,>,d
,d
,d
,d
!.BCDEF2G5JAKDLPMO"*U'(P)*E8(@912P)3 ;; 2M,N-*:Y+*!ST
VWX0Z"42<(2=(/+(
(,-!./>? U*M+N,-6,-,
-
!& _`
abc)dKeMcSg"45@1UA(UB(PC*
KD*2PC3
KD3EF
lvalue()Ljava/lang/String;AnnotationDefault
SourceFile
Help.javaRuntimeVisibleAnnotations!Ljava/lang/annotation/Documented;Ljava/lang/annotation/Target;"Ljava/lang/
annotation/ElementType;METHOD
Ljava/lang/annotation/Retention;&Ljava/lang/annotation/RetentionPolicy;RUNTIME\$org/jvnet/licensetool/argparse
r/Helpjava/lang/Objectjava/lang/annotation/Annotation&s
[e
e
lB
!
"#\$%
&
'(
)
*
"+ ,
"- .01<init>(Ljava/lang/String;)VCodeLineNumberTableLocalVariableTablethis
StringPairInnerClasses6Lorg/jvnet/licensetool/argparser/ArgParser\$StringPair;dataLjava/lang/String;indexI
SignatureJLorg/jvnet/licensetool/generic/Pair<Ljava/lang/String;Ljava/lang/String;>;
SourceFileArgParser.java2345"java/lang/IllegalArgumentExceptionjava/lang/StringBuilder678 does not contain a
:9;<=>?@>A4org/jvnet/licensetool/argparser/ArgParser\$StringPair"org/jvnet/licensetool/generic/Pair'(Ljava/lang/
Object;Ljava/lang/Object;)Vjava/lang/StringindexOf(I)I)Vappend-
(Ljava/lang/String;)Ljava/lang/StringBuilder;toString()Ljava/lang/String;
substring(II)Ljava/lang/String;firstLjava/lang/Object;(I)Ljava/lang/String;second)org/jvnet/licensetool/argparser/Ar
gParser!B*+;=YY+ *+
*+`

,6A BB
5
/
<?xml version="1.0" encoding="UTF-8"?>
<!--

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-->

```
<project name="Jersey-Licence-Maintenance" default="jar" basedir=". ">
```

```
<taskdef name="licensetool" classname="org.jvnet.licensetool.LicenseToolTask">
```

```
<classpath>
```

```
<pathelement location="lib/license-tool-1.0-SNAPSHOT.jar"/>
```

```
</classpath>
```

```
</taskdef>
```

```
<target name="check-copyright" description="Checks all source files has proper licence boilerplate">
```

```
<licensetool srcDir="..">
```

```
  validate="true"
```

```
  skipdirs=".svn"
```

```
    copyright="copyright.txt"
    includes="jersey/src/**/*.*.java jersey/test/**/*.*.java jersey/build.xml jersey/examples/**/*.*.java
jersey/maven/*.xml **/*pom*.xml">
  </licensetool>
</target>
```

```
<target name="fix-copyright" description="Fixes licence boilerplate at all source files">
  <licensetool srcDir=".."
    validate="false"
    skipdirs=".svn"
    copyright="copyright.txt"
    includes="jersey/src/**/*.*.java jersey/test/**/*.*.java jersey/build.xml jersey/examples/**/*.*.java
jersey/maven/*.xml **/*pom*.xml">
  </licensetool>
</target>
```

```
</project>
```

Manifest-Version: 1.0

Archiver-Version: Plexus Archiver

Created-By: Apache Maven

Built-By: hudson

Build-Jdk: 1.5.0_06

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```

ActionInnerClassesrootsLjava/util/List; Signature
Ljava/util/List<Ljava/io/File;>;dryrunZpatternsToSkip$Ljava/util/List<Ljava/lang/String;>;LOGGERLjava/util/log
ging/Logger;<init>(ZLjava/util/List;)VCodeLineNumberTableLocalVariableTablethisLorg/jvnet/licensetool/Scanne
r;filesLocalVariableTypeTable$(ZLjava/util/List<Ljava/io/File;>);V(ZZ[Ljava/io/File;)Vverbose[Ljava/io/File;add
DirectoryToSkip(Ljava/lang/String;)VpatternLjava/lang/String;scanT(Lorg/jvnet/licensetool/file/FileRecognizer;Lor
g/jvnet/licensetool/Scanner$Action;)ZfileLjava/io/File;i$Ljava/util/Iterator;
recognizer+Lorg/jvnet/licensetool/file/FileRecognizer;action&Lorg/jvnet/licensetool/Scanner$Action;resultdoScanb
(Ljava/io/File;Lorg/jvnet/licensetool/file/FileRecognizer;Lorg/jvnet/licensetool/Scanner$Action;)Zfarr$len$IpfilerLo
rg/jvnet/licensetool/file/ParsedFile;parser'Lorg/jvnet/licensetool/file/FileParser;excLjava/io/IOException;Ljava/lang/
Exception;fw(Lorg/jvnet/licensetool/file/FileWrapper;
skipDirectory(Ljava/io/File;)ZabsPathmatch'(Ljava/lang/String;Ljava/lang/String;)Ztokenfname
separatorstLjava/util/StringTokenizer;<clinit>()V
SourceFileScanner.javaG }=>ABjava/util/ArrayListC>GHjava/io/Filecdrs&org/jvnet/licensetool/file/FileWrapperG
EFjava/lang/StringBuilderUnrecognized file: U }java/io/IOException Exception while processing file :
}java/lang/Exceptionjava/lang/StringuvScanner: Skipping directory (pattern )U Scanner: Not skipping directory
yWjava/util/StringTokenizerGfname matched on pattern
org/jvnet/licensetool/Scannerjava/lang/Object$org/jvnet/licensetool/Scanner$Actionjava/util/ArraysasList%([Ljava/l
ang/Object;)Ljava/util/List;java/util/Listadd(Ljava/lang/Object;)Ziterator()Ljava/util/Iterator;java/util/IteratorhasNex
t()Znext()Ljava/lang/Object;isDirectory
listFiles()[Ljava/io/File;(Ljava/io/File;)V)org/jvnet/licensetool/file/FileRecognizer
getParserQ(Lorg/jvnet/licensetool/file/FileWrapper;)Lorg/jvnet/licensetool/file/FileParser;append-
(Ljava/lang/String;)Ljava/lang/StringBuilder;-
(Ljava/lang/Object;)Ljava/lang/StringBuilder;toString()Ljava/lang/String;java/util/logging/Loggerwarningclose%or
g/jvnet/licensetool/file/FileParser
parseFileQ(Lorg/jvnet/licensetool/file/FileWrapper;)Lorg/jvnet/licensetool/file/ParsedFile;evaluateprintStackTrace
etAbsolutePathfine'(Ljava/lang/String;Ljava/lang/String;)V
hasMoreTokens nextTokenequalsjava/lang/ClassgetName
getLogger.(Ljava/lang/String;)Ljava/util/logging/Logger;!69=>?@ABC>?D
EFGHIz**,**YJ=> ?@AK LMABN>ON@?PGQIV
*~J
D EK*
LM
RB
AB
NSTUID*+ WJ
MNKLMVWXYI8>*
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:*+,>J_`#a,b0c3d6eK>#Z[
)]8LM8^_8`a6bBcdI
'6+B*++:66"2:*,-6 Y+,:;(Y6*:
-6y:Y!"#6:Y!"%6: S $$$SJ%ij
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M,J,&N+':*(-Y)*-+,Y-+,J"#-UWZsK4#4tW:VW
P|uLMuZ[uvIP.N/Y,-0:1:2:+3'Y4,5+,J& 'IKNK>-wWPLMPVWPxWLyWAz{||I%
678J~<
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```



```

1*
!COPYRIGHT_BLOCK_TAGLjava/lang/String;
ConstantValue"SUN_COPYRIGHT_TAG#CORRECT_COPYRIGHT_TAG$JAVA_FORMAT_TAG%JAVA_LI
NE_FORMAT_TAG&XML_FORMAT_TAG'SCHEME_FORMAT_TAG(SHELL_FORMAT_TAG)<init>()VCod
eLineNumberTableLocalVariableTablethisLorg/jvnet/licensetool/Tags;
SourceFile Tags.javaorg/jvnet/licensetool/Tagsjava/lang/ObjectCopyrightBlockSunCopyrightCorrectCopyright
JavaFormatJavaLineFormat XmlFormatSchemeFormatShellFormat!

/**
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0 1 2 34CLOSED FileStateInnerClasses2Lorg/jvnet/licensetool/file/FileWrapper$FileState;
OPEN_FOR_READOPEN_FOR_WRITE$VALUES3[Lorg/jvnet/licensetool/file/FileWrapper$FileState;values5([
Lorg/jvnet/licensetool/file/FileWrapper$FileState;CodeLineNumberTablevalueOf(Ljava/lang/String;)Lorg/jvnet/li
censetool/file/FileWrapper$FileState;LocalVariableTablenameLjava/lang/String;<init>(Ljava/lang/String;I)Vthis
Signature()V<clinit>DLjava/lang/Enum<Lorg/jvnet/licensetool/file/FileWrapper$FileState;>;
SourceFileFileWrapper.java5670org/jvnet/licensetool/file/FileWrapper$FileState8 !
!java/lang/Enumclone()Ljava/lang/Object;&org/jvnet/licensetool/file/FileWrapper5(Ljava/lang/Class;Ljava/lang/Stri
ng;)Ljava/lang/Enum;@ 1 @ @ @ "
@ 5*@ !1*+@"#%$]AY Y
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${}
*}~val$copyrightBlock'Lorg/jvnet/licensetool/file/PlainBlock;this$0%Lorg/jvnet/licensetool/ActionFactory;<init>O
(Lorg/jvnet/licensetool/ActionFactory;Lorg/jvnet/licensetool/file/PlainBlock;)VCodeLineNumberTableLocalVariabl

```

```

eTablethisInnerClasses'Lorg/jvnet/licensetool/ActionFactory$4;toString()Ljava/lang/String;evaluate*(Lorg/jvnet/lic
ensetool/file/ParsedFile;)Zblock)Lorg/jvnet/licensetool/file/CommentBlock;Ljava/util/Iterator;excLorg/jvnet/lic
ensetool/file/ParsedFile;hadAnOldSunCopyrightZcountSunCopyrightI(Ljava/lang/Object;)
Zx0Ljava/lang/Object;
SourceFileActionFactory.javaEnclosingMethod/0-
.java/lang/StringBuilder#CopyrightBlockAction[copyrightText=];*Updating copyright/license header on file
;#Insert: No Sun Copyright header in
;org/jvnet/licensetool/file/CommentBlockjava/lang/StringSunCopyrightCopyrightBlock*Remove: More than one
Sun Copyright Block TopCommentBlock;2Replace: First block has incorrect copyright text 8Move: Sun Copyright
Block is not the first comment blockjava/io/IOException Exception while processing file :
%org/jvnet/licensetool/file/ParsedFile<=%org/jvnet/licensetool/ActionFactory$4java/lang/Object$org/jvnet/licenset
ool/Scanner$ActionAction#org/jvnet/licensetool/ActionFactorygetModifyCopyrightActionO(Lorg/jvnet/licensetool/
file/PlainBlock;)Lorg/jvnet/licensetool/Scanner$Action;()Vappend-(Ljava/lang/String;)Ljava/lang/StringBuilder;-
(Ljava/lang/Object;)Ljava/lang/StringBuilder;
access$1000(Lorg/jvnet/licensetool/ActionFactory;Lorg/jvnet/licensetool/file/ParsedFile;)ZgetPath
access$000:(Lorg/jvnet/licensetool/ActionFactory;Ljava/lang/String;)V%org/jvnet/licensetool/file/PlainBlockconten
tsinsertCommentBlock(Ljava/lang/String;)VgetComments()Ljava/util/List;java/util/Listiterator()Ljava/util/Iterator;j
ava/util/IteratorhasNext()Znext(Ljava/lang/Object;hasTags([Ljava/lang/String;)Zremove,(Lorg/jvnet/licensetool/fil
e/CommentBlock;)VhasTag(Ljava/lang/String;)Zcomment#org/jvnet/licensetool/util/ToolUtilareCommentsEqual'(L
java/lang/String;Ljava/lang/String;)ZwriteprintStackTraceorg/jvnet/licensetool/Scanner *+,-
./01239*+*,*4569;:3FY*
4569<=3Rp*+=*Y+
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34REDPrimaryColorInnerClasses8Lorg/jvnet/licensetool/argparser/ArgParser$PrimaryColor;GREENBLUE$VALU
ES9[Lorg/jvnet/licensetool/argparser/ArgParser$PrimaryColor;values;()[Lorg/jvnet/licensetool/argparser/ArgParser
$PrimaryColor;CodeLineNumberTablevalueOfL(Ljava/lang/String;)Lorg/jvnet/licensetool/argparser/ArgParser$Pri
maryColor;LocalVariableTablenameLjava/lang/String;<init>(Ljava/lang/String;I)Vthis
Signature()V<clinit>JLjava/lang/Enum<Lorg/jvnet/licensetool/argparser/ArgParser$PrimaryColor;>;
SourceFileArgParser.java5676org/jvnet/licensetool/argparser/ArgParser$PrimaryColor8 !
!java/lang/Enumclone(Ljava/lang/Object;)org/jvnet/licensetool/argparser/ArgParser5(Ljava/lang/Class;Ljava/lang/
String;)Ljava/lang/Enum;@0@@@@"
5* !1*+"#$$]AY Y
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evaluate(Ljava/lang/Object;)Z Signature(TT;)Z(<T:Ljava/lang/Object;>Ljava/lang/Object;
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Signature4Ljava/util/List<Lorg/jvnet/licensetool/file/Block;>;line_separatorLjava/lang/String;this\$0LineCommentF
ileParserInnerClasses=Lorg/jvnet/licensetool/LineCommentFile\$LineCommentFileParser;<init>h(Lorg/jvnet/licens
etool/LineCommentFile\$LineCommentFileParser;Lorg/jvnet/licensetool/file/FileWrapper;)VCodeLineNumberTabl
eLocalVariableTablethisLineCommentParsedFileSLorg/jvnet/licensetool/LineCommentFile\$LineCommentFilePars
er\$LineCommentParsedFile;originalFile(Lorg/jvnet/licensetool/file/FileWrapper;
Exceptions
postParse()VsniffLineSeparator()Ljava/lang/String;blockContentb"Lorg/jvnet/licensetool/file/Block;i\$Ljava/util/Iter
ator;
separatorgetComments()Ljava/util/List;blocksLocalVariableTypeTable;Ljava/util/List<Lorg/jvnet/licensetool/file/C
ommentBlock;>;=()Ljava/util/List<Lorg/jvnet/licensetool/file/CommentBlock;>;insertCommentBlock(Ljava/lang/St
ring;)VcommentTextcb)Lorg/jvnet/licensetool/file/CommentBlock;adjustBlockAtIndex(I)VcontentIremove,(Lorg/j
vnet/licensetool/file/CommentBlock;)VwriteTo+(Lorg/jvnet/licensetool/file/FileWrapper;)VblockfwcreateComment
Block=(Ljava/lang/String;)Lorg/jvnet/licensetool/file/CommentBlock;
SourceFileLineCommentFile.java:>?h45java/util/ArrayList?KLMN89'org/jvnet/licensetool/file/CommentBlock
org/jvnet/licensetool/file/BlockTopCommentBlock%org/jvnet/licensetool/file/PlainBlockNMLine.separator?Lkl`a?)

eLhjava/lang/StringBuilderSkipping file because is is not
writableN\L9kQorg/jvnet/licensesetool/LineCommentFile\$LineCommentFileParser\$LineCommentParsedFile%org/jv
net/licensesetool/file/ParsedFile;org/jvnet/licensesetool/LineCommentFile\$LineCommentFileParserjava/io/IOException
parseBlocks:(Lorg/jvnet/licensesetool/file/FileWrapper;)Ljava/util/List;(Ljava/util/Collection;)Vjava/util/Listget(I)Lja
va/lang/Object;addTagiterator()Ljava/util/Iterator;java/util/IteratorhasNext()Znext()Ljava/lang/Object;contents#org/j
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ject;)Z(ILjava/lang/Object;)Vjava/lang/String
startsWith(Ljava/lang/String;)Z&org/jvnet/licensesetool/file/FileWrappercanWritedelete/org/jvnet/licensesetool/file/File
Wrapper\$OpenModeOpenModeWRITE1Lorg/jvnet/licensesetool/file/FileWrapper\$OpenMode;open4(Lorg/jvnet/lice
nsetool/file/FileWrapper\$OpenMode;)Vwrite%org/jvnet/licensesetool/LineCommentFile
access\$000()Ljava/util/logging/Logger;append-(Ljava/lang/String;)Ljava/lang/StringBuilder;-
(Ljava/lang/Object;)Ljava/lang/StringBuilder;toStringjava/util/logging/LoggerinfoCloseprefix6org/jvnet/licensesetool/
LineCommentFile\$LineCommentBlockLineCommentBlocka(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;
)Lorg/jvnet/licensesetool/file/CommentBlock;!23456789:> ?@Ax,*+*,**Y+,*B
#+C,DF,GHIJKLAU#*
*

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(14=BFILPVC>1O9)PQ=O9@RSXDFVT9UVA<YL*M," ,N+-
W+B%,7:C*%PQ(RS<DF4W5X4WY6Z[\Ak*+M,
*,*BC DF]9^_`aA?*
M,,N-* *Y* B(>C*b9?DF?cd1PQefAD*+ WB
CDF^_ghAi+!6+"+#\$*M,,N-+% !&'Y()*++,*-./:/X__a_B6
/47:X_ehC*/iQRSiDFijHIJklAD*0+* 1BCDF]9mn=";< 2;E@
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ineNumberTableLocalVariableTablethisInnerClasses+Lorg/jvnet/licensesetool/RecognizerFactory\$1;
getParserQ(Lorg/jvnet/licensesetool/file/FileWrapper;)Lorg/jvnet/licensesetool/file/FileParser;file(Lorg/jvnet/licensesetool
/file/FileWrapper;isShellFile+(Lorg/jvnet/licensesetool/file/FileWrapper;)ZstrLjava/lang/String;excLjava/io/IOExcepti
on;
SourceFileRecognizerFactory.javaEnclosingMethodQRST()U;org/jvnet/licensesetool/FileParserFactory\$ShellLikeFile
ParserShellLikeFileParser#VWYZ[]^_#!' abcTjava/io/IOExceptiondejava/lang/StringBuilderCould not read file
fgfh to check for shell
scripti_jkV)org/jvnet/licensesetool/RecognizerFactory\$1=org/jvnet/licensesetool/RecognizerFactory\$FileContentRecog
nizerFileContentRecognizer'org/jvnet/licensesetool/RecognizerFactorycreateShellContentRecognizerA()Lorg/jvnet/lic
ensetool/RecognizerFactory\$FileContentRecognizer;()V'org/jvnet/licensesetool/FileParserFactory(Ljava/lang/String;)

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V/org/jvnet/licensetool/file/FileWrapper$OpenModeOpenModeREAD1Lorg/jvnet/licensetool/file/FileWrapper$Op
enMode;&org/jvnet/licensetool/file/FileWrapperopen4(Lorg/jvnet/licensetool/file/FileWrapper$OpenMode;)VreadL
ine()Ljava/lang/String;java/lang/String
startsWith(Ljava/lang/String;)Zclose
access$000()Ljava/util/logging/Logger;append-(Ljava/lang/String;)Ljava/lang/StringBuilder;-
(Ljava/lang/Object;)Ljava/lang/StringBuilder;toStringjava/util/logging/Loggerwarning 4
*+*
#%P*+
Y{|~ #&'()Y++ M,,
>+++2MY++:+(
N(GNNPN>!%()GKNTW**+),-Y #Y&'./012""68 1P ;=X@
1
factory-Lorg/jvnet/licensetool/generic/UnaryFunction;
SignatureXLog/jvnet/licensetool/generic/UnaryFunction<Ljava/lang/reflect/Method;Lorg/jvnet/licensetool/argparse
r/ElementParser;>;describe()[Ljava/lang/String;<clinit>()VCodeLineNumberTableeLjava/lang/Object;Lorg/jvnet/lic
ensetool/generic/UnaryFunction<Ljava/lang/String;Ljava/lang/Object;>;
SourceFileElementParser.java/org/jvnet/licensetool/argparser/ElementParser$1InnerClasses-
org/jvnet/licensetool/argparser/ElementParserjava/lang/Object+org/jvnet/licensetool/generic/UnaryFunction<init>

#Y.
1value()Ljava/lang/String;AnnotationDefault
SourceFileDefaultValue.javaRuntimeVisibleAnnotations!Ljava/lang/annotation/Documented;Ljava/lang/annotation/
Target;"Ljava/lang/annotation/ElementType;METHOD
Ljava/lang/annotation/Retention;&Ljava/lang/annotation/RetentionPolicy;RUNTIME,org/jvnet/licensetool/argparse
r/DefaultValuejava/lang/Objectjava/lang/annotation/Annotation&s
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TestInterfaceInnerClassesA

StringPairBPrimaryColorinterfaceClassLjava/lang/Class;

SignatureLjava/lang/Class<TT;>;helpTextLjava/util/Map<Ljava/lang/String;Ljava/lang/String;>;

defaultValuesLjava/util/Map<Ljava/lang/String;Ljava/lang/Object;>;

parserDataRLjava/util/Map<Ljava/lang/String;Lorg/jvnet/licensetool/argparser/ElementParser;>;LOGGERLjava/uti

l/logging/Logger;<init>(Ljava/lang/Class;)VCodeLineNumberTableLocalVariableTablekeywordLjava/lang/String;e

p/Lorg/jvnet/licensetool/argparser/ElementParser;dv.Lorg/jvnet/licensetool/argparser/DefaultValue;help&Lorg/jvnet

/licensetool/argparser/Help;mLjava/lang/reflect/Method;arr\${Ljava/lang/reflect/Method;len\$I\$this+Lorg/jvnet/licen

setool/argparser/ArgParser;clsdefaultValueDataLocalVariableTypeTable0Lorg/jvnet/licensetool/argparser/ArgParse

r<TT;>;(Ljava/lang/Class<TT;>);Vdisplay&(Ljava/lang/Object;Ljava/lang/String;elementLjava/lang/Object;ctrlsbL

java/lang/StringBuilder;Ljava/util/Iterator;firstZobjgetHelpText(Ljava/lang/String;str[Ljava/lang/String;defaultVal

uekeysLjava/util/Set;keyListLjava/util/List;#Ljava/util/Set<Ljava/lang/String;>;\$Ljava/util/List<Ljava/lang/String;>

;parse'(Ljava/lang/String;)Ljava/lang/Object;argsdatapdataresultTT;((Ljava/lang/String;)TT;error(Ljava/lang/String

);VmsgcheckMethod.(Ljava/lang/reflect/Method;)Ljava/lang/String;

internalParse

(Ljava/util/Map;)Ljava/util/Map;valentryEntryLjava/util/Map\$Entry;;Ljava/util/Map\$Entry<Ljava/lang/String;Ljav

a/lang/String;>;l(Ljava/util/Map<Ljava/lang/String;Ljava/lang/String;>;)Ljava/util/Map<Ljava/lang/String;Ljava/la

ng/Object;>;

getKeyword&(Ljava/lang/String;)Ljava/lang/String;argmakeMap\$(Ljava/lang/String;)Ljava/util/Map;J(Ljava/lang

/String;)Ljava/util/Map<Ljava/lang/String;Ljava/lang/String;>;

makeProxy2(Ljava/util/Map;Ljava/util/Map;)Ljava/lang/Object;defaultDataih%Ljava/lang/reflect/InvocationHandle

r;

interfaces[Ljava/lang/Class;[Ljava/lang/Class<*>;o(Ljava/util/Map<Ljava/lang/String;Ljava/lang/Object;>;Ljava/ut

il/Map<Ljava/lang/String;Ljava/lang/Object;>;)TT;main((Ljava/lang/String;)Vap9Lorg/jvnet/licensetool/argparser/

ArgParser\$TestInterface;fLorg/jvnet/licensetool/argparser/ArgParser<Lorg/jvnet/licensetool/argparser/ArgParser\$T

estInterface;>;

access\$000<(Lorg/jvnet/licensetool/argparser/ArgParser;)Ljava/util/Map;x0<clinit>()V(<T:Ljava/lang/Object;>Ljav

a/lang/Object;
SourceFileArgParser.java
org/jvnet/licensesetool/argparser/ElementParserPQR,org/jvnet/licensesetool/argparser/DefaultValueSTUMethod (does not have a DefaultValue
annotationV\$org/jvnet/licensesetool/argparser/HelpqoWXYD[Z[]^,]java/util/Collection_`abDcd Legal arguments
are:
efjava/util/ArrayListwghijkjava/lang/String]O - <lm
>
(default)

uvError in argument parser: nopjava/lang/RuntimeExceptionwqr must not have any
parameterssftjava/util/Map\$Entryud is not a valid keywordvdwxyz!No argument supplied for keyword
+org/jvnet/licensesetool/argparser/ArgParser\$1w{java/lang/Class|}~O)org/jvnet/licensesetool/argparser/ArgParser7org/j
vnet/licensesetool/argparser/ArgParser\$TestInterfacewxHelp text for this parser:

Result is:

Fjava/lang/Object4org/jvnet/licensesetool/argparser/ArgParser\$StringPair6org/jvnet/licensesetool/argparser/ArgParser\$
PrimaryColorisInterface()ZgetNameappend-(Ljava/lang/String;)Ljava/lang/StringBuilder;toString
getMethods()[Ljava/lang/reflect/Method;factory-
Lorg/jvnet/licensesetool/generic/UnaryFunction;+org/jvnet/licensesetool/generic/UnaryFunctionevaluate&(Ljava/lang/O
bject;)Ljava/lang/Object;
java/util/Mapput8(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;java/lang/reflect/Method
getAnnotation4(Ljava/lang/Class;)Ljava/lang/annotation/Annotation;valuegetClass(Ljava/lang/Class;isArrayjava/la
ng/reflect/Array
getLength(Ljava/lang/Object;)Iget'(Ljava/lang/Object;I)Ljava/lang/Object;iterator(Ljava/util/Iterator;java/util/Iterat
orhasNextnext(Ljava/lang/Object;keySet(Ljava/util/Set;(Ljava/util/Collection;)Vjava/util/Collectionssort(Ljava/uti
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<html>
  <head>
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    </blockquote>
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</blockquote>

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</blockquote>

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</body>

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'()*this$03Lorg/jvnet/licensesetool/argparser/ElementParserImpl;<init>6(Lorg/jvnet/licensesetool/argparser/ElementParserImpl;)VCodeLineNumberTableLocalVariableTablethisInnerClasses6Lorg/jvnet/licensesetool/argparser/ElementParserImpl$10;evaluate&(Ljava/lang/String;)Ljava/lang/Object;strLjava/lang/String;&(Ljava/lang/Object;)Ljava/lang/Object;x0Ljava/lang/Object;SignatureeLjava/lang/Object;Lorg/jvnet/licensesetool/generic/UnaryFunction<Ljava/lang/String;Ljava/lang/Object;>;SourceFileElementParserImpl.javaEnclosingMethod+,-.01java/lang/String4org/jvnet/licensesetool/argparser/ElementParserImpl$10java/lang/Object+org/jvnet/licensesetool/generic/UnaryFunction1org/jvnet/licensesetool/argparser/ElementParserImplgetPrimitiveParser@(Ljava/lang/Class;)Lorg/jvnet/licensesetool/generic/UnaryFunction;()Vjava/lang/LongvalueOf$(Ljava/lang/String;)Ljava/lang/Long;
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SourceFileElementParserImpl.javaEnclosingMethod+,-

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3org/jvnet/licensesetool/argparser/ElementParserImpl\$763org/jvnet/licensesetool/argparser/ElementParserImpl\$873org/jvnet/licensesetool/argparser/ElementParserImpl\$984org/jvnet/licensesetool/argparser/ElementParserImpl\$1094org/jvnet/licensesetool/argparser/ElementParserImpl\$11:4org/jvnet/licensesetool/argparser/ElementParserImpl\$12java/lang/Classes;<java/lang/NoSuchMethodExceptionjava/lang/RuntimeException% does not have a constructor

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ool/generic/UnaryBooleanFunctionorg/jvnet/licensesool/Scanner

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<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
  <title>Appendix&nbsp;A.&nbsp;GNU Lesser General Public License</title>
  <meta name="generator" content="DocBook XSL Stylesheets V1.69.1a">
</head>
<body bgcolor="white" text="black" link="#0000FF" vlink="#840084" alink="#0000FF">
<div class="appendix" lang="en">
<div class="titlepage">
  <div>
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    <div><p class="releaseinfo">This is the first released version of the Lesser GPL. It also counts
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```

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  <div class="legalnotice"><a name="gpl-legalnotice"></a>

  <p>
  </p>

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class="street">51&nbsp;Franklin&nbsp;Street,&nbsp;Fifth&nbsp;Floor</span>,<br>
    &nbsp;&nbsp;&nbsp;<span class="city">Boston</span>,<br>
    &nbsp;&nbsp;&nbsp;<span class="state">MA</span><br>
    &nbsp;&nbsp;&nbsp;<span class="postcode">02110-1301</span><br>
    &nbsp;&nbsp;&nbsp;<span class="country">USA</span><br>
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  allowed.</p></div>
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<div><p class="pubdate">Version 2.1, February 1999</p></div>
</div>
<div class="section" lang="en">
  <div class="titlepage">
    <div>
      <div><h2 class="title" style="clear: both"><a name="lgpl-1"></a>Preamble</h2></div>
    </div>
  </div>
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<p>To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.</p>

<p>Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.</p>

<p>Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.</p>

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a **work based on the library**; and a **work that uses the library**;

The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR

COPYING, DISTRIBUTION

AND MODIFICATION

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

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

The "Library", below, refers to any such software library or work

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

"Source code" for a work means the preferred form of the work for

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

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

</div>

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

<p>You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.</p></div>

<div class="section" lang="en">

<div class="titlepage">

<div>

<div><h3 class="title">Section 2</h3></div>

</div>

</div>

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

</p>

<div class="orderedlist">

<ol type="a">

<p>The modified work must itself be a software library.</p>

<p>You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.</p>

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

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

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

</div>

<p>

</p>

<p>These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.</p>

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

<p>In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.</p></div>

<div class="section" lang="en">

<div class="titlepage">

<div>

<div><h3 class="title">Section 3</h3></div>

</div>

</div>

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

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

<p>This option is useful when you wish to copy part of the code of the Library into a program that is not a library.</p></div>

<div class="section" lang="en">

<div class="titlepage">

<div>

<div><h3 class="title">Section 4</h3></div>

</div>

</div>

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

<p>If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.</p></div>

<div class="section" lang="en">

<div class="titlepage">

<div>

<div><h3 class="title">Section 5</h3></div>

</div>

</div>

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

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

<p>When a “work that uses the Library” uses material from a header file

that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.</p>

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

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of [Section 6](#lgpl-2-6 "Section 6"). Any executables containing that work also fall under [Section 6](#lgpl-2-6 "Section 6"), whether or not they are linked directly with the Library itself.

<div class="section" lang="en">

<div class="titlepage">

<div>

<div><h3 class="title">Section 6</h3></div>

</div>

</div>

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

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

</p>

<div class="orderedlist">

<ol type="a">

<p>Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under [Sections 1](#lgpl-2-1 "Section 1") and [2](#lgpl-2-2 "Section 2") above); and, if the work is an executable linked with the Library, with the complete machine-readable work that uses the Library, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)</p>

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

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

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

`<p>Verify that the user has already received a copy of these materials or that you have already sent this user a copy.</p>`

``

`</div>`

`<p>`

`</p>`

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

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

`<div class="section" lang="en">`

`<div class="titlepage">`

`<div>`

`<div><h3 class="title">Section 7</h3></div>`

`</div>`

`</div>`

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

`</p>`

`<div class="orderedlist">`

`<ol type="a">`

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

```
<li><p>Give prominent notice with the combined library of the fact
    that part of it is a work based on the Library, and explaining
    where to find the accompanying uncombined form of the same work.</p></li>
</ol>
</div>
<p>
</p></div>
<div class="section" lang="en">
<div class="titlepage">
<div>
<div><h3 class="title"><a name="lgpl-2-8"></a>Section 8</h3></div>
</div>
</div>
<p>You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.</p></div>
<div class="section" lang="en">
<div class="titlepage">
<div>
<div><h3 class="title"><a name="lgpl-2-9"></a>Section 9</h3></div>
</div>
</div>
<p>You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.</p></div>
<div class="section" lang="en">
<div class="titlepage">
<div>
<div><h3 class="title"><a name="lgpl-2-10"></a>Section 10</h3></div>
</div>
</div>
<p>Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties with
this License.</p></div>
<div class="section" lang="en">
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<div class="titlepage">
  <div>
    <div><h3 class="title"><a name="lgpl-2-11"></a>Section 11</h3></div>
  </div>
</div>
```

<p>If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.</p>

<p>If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.</p>

<p>It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.</p>

<p>This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.</p></div>

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<div class="section" lang="en">
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<div class="titlepage">
  <div>
    <div><h3 class="title"><a name="lgpl-2-12"></a>Section 12</h3></div>
  </div>
</div>
```

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```
<div class="section" lang="en">
  <div class="titlepage">
    <div>
      <div><h3 class="title"><a name="lgpl-2-13"></a>Section 13</h3></div>
    </div>
  </div>
  <p>The Free Software Foundation may publish revised and/or new
    versions of the Lesser General Public License from time to time.
    Such new versions will be similar in spirit to the present version,
    but may differ in detail to address new problems or concerns.</p>

  <p>Each version is given a distinguishing version number. If the Library
    specifies a version number of this License which applies to it and
    &#8220;<span class="quote">any later version</span>&#8221;; you have the option of following the terms and
    conditions either of that version or of any later version published by
    the Free Software Foundation. If the Library does not specify a
    license version number, you may choose any version ever published by
    the Free Software Foundation.</p></div>
<div class="section" lang="en">
  <div class="titlepage">
    <div>
      <div><h3 class="title"><a name="lgpl-2-14"></a>Section 14</h3></div>
    </div>
  </div>
  <p>If you wish to incorporate parts of the Library into other free
    programs whose distribution conditions are incompatible with these,
    write to the author to ask for permission. For software which is
    copyrighted by the Free Software Foundation, write to the Free
    Software Foundation; we sometimes make exceptions for this. Our
    decision will be guided by the two goals of preserving the free status
    of all derivatives of our free software and of promoting the sharing
    and reuse of software generally.</p></div>
<div class="section" lang="en">
  <div class="titlepage">
    <div>
      <div><h3 class="title"><a name="lgpl-2-15"></a>NO WARRANTY Section 15</h3></div>
    </div>
  </div>
  <p>BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
    WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
    EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
    OTHER PARTIES PROVIDE THE LIBRARY &#8220;<span class="quote">AS IS</span>&#8221;
    WITHOUT WARRANTY OF ANY
    KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
    IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
    PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
    LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
    THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.</p></div>
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<div class="section" lang="en">

<div class="titlepage">

<div>

<div><h3 class="title">Section 16</h3></div>

</div>

</div>

<p>IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.</p>

<p>END OF TERMS AND CONDITIONS</p></div>

</div>

<div class="section" lang="en">

<div class="titlepage">

<div>

<div><h2 class="title" style="clear: both">How to Apply These Terms to Your New Libraries</h2></div>

</div>

</div>

<p>If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).</p>

<p>To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the “copyright” line and a pointer to where the full notice is found.</p>

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

<p>This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.</p>

<p>This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of

MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.</p>

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

<p>Also add information on how to contact you by electronic and paper mail.</p>

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

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

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

<p>That's all there is to it!</p></div>

</div>

</body>

</html>

1(#&validate()ZRuntimeVisibleAnnotations.Lorg/jvnet/licensetool/argparser/DefaultValue;valuetrue&Lorg/jvnet/licensetool/argparser/Help;fSet to true to validate copyright header; if false, generate/update/insert copyright headers as neededverbosefalseBSet to true to get information about actions taken for every file.dryrun(Set to true to avoid modifying any filesroots)Ljava/util/List; Signature")Ljava/util/List<Ljava/io/File;>;List of directories to processskipdirs&()Ljava/util/List<Ljava/lang/String;>;.List of directory names that should be skipped copyright*(Lorg/jvnet/licensetool/file/FileWrapper;WFile containing text of copyright header. This must not include any comment characters startyear(Ljava/lang/String;19978Default copyright start year, if not otherwise specified

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Signature&(Ljava/util/Set<Ljava/lang/String;>;)V()Vreplace6(Ljava/lang/String;)Lorg/jvnet/licensetool/file/Block;c


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per;
Exceptions<commentfind&(Ljava/lang/String;)Ljava/lang/String;search
SourceFileCommentBlock.javaCommentBlock=>? !@"ABCD'org/jvnet/licensetool/file/CommentBlock
org/jvnet/licensetool/file/BlockTopCommentBlockjava/io/IOException
java/util/Setadd(Ljava/lang/Object;)Z&org/jvnet/licensetool/file/FileWrapper(Ljava/lang/String;)Vjava/lang/Stringc
ontains(Ljava/lang/CharSequence;)Z!
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umberTableLocalVariableTablethisInnerClasses)Lorg/jvnet/licensetool/LicenseToolTask$1;validate()Zverbosedryru
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SourceFileLicenseToolTask.javaEnclosingMethod9;
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```
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per;Ljava/lang/String;!org/jvnet/licensetool/LicenseTool
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*+*|
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2*k2*n2*q2*t 2*w!"#2*z$%2* }&'()*
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68
```

DO NOT TRANSLATE OR LOCALIZE.

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/LICENSE.txt

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ri/jax-rs-ri-source-licensee/src/main/resources/TLDA_SCSL_Licensees_License_Notice.txt
contribs/bill-burke-book
jersey-server/src/main/java/jersey/repackaged/org/objectweb/asm
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 */

```
package com.sun.jersey.impl.json;
```

```
import java.util.LinkedList;
import java.util.List;
import javax.xml.bind.annotation.XmlRootElement;
```

```
@XmlRootElement
```

```
public class Permission {
    public Integer id;
    public List<Permission> children;    // optional, holds the children permission of this one
```

```
    public static Permission getRootPermission() {
        Permission result = new Permission();
        result.id = 7;
        result.children = new LinkedList<Permission>();
        result.children.add(getChildPermission());
        return result;
    }
```

```
    public static Permission getChildPermission() {
        Permission result = new Permission();
        result.id = 8;
        result.children = new LinkedList<Permission>();
        result.children.add(get2ndLevelChildPermission());
        return result;
    }
```

```
    public static Permission get2ndLevelChildPermission() {
        Permission result = new Permission();
        result.id = 9;
        return result;
    }
```

```
}
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```



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firstLineLjava/lang/String;commentTextcb)Lorg/jvnet/licensetool/file/CommentBlock;
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fileBlocksjava/util/Listget(I)Ljava/lang/Object;add(ILjava/lang/Object;)VadjustBlockAtIndex(I)Vcontents(Ljava/la
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copyrightTextLorg/jvnet/licensetool/file/PlainBlock;mapLjava/util/Map;

withStartLocalVariableTypeTable5Ljava/util/Map<Ljava/lang/String;Ljava/lang/String;>;process0(Lorg/jvnet/licensetool/LicenseTool\$Arguments;)Vi\$Ljava/util/Iterator;actionAction&Lorg/jvnet/licensetool/Scanner\$Action;copyrightBlockscannerLorg/jvnet/licensetool/Scanner;excLjava/io/IOException;args-

Lorg/jvnet/licensetool/LicenseTool\$Arguments;

formatterLjava/util/logging/Formatter;sh!Ljava/util/logging/StreamHandler;domainLoggermain([Ljava/lang/String;)Vstrs[Ljava/lang/String;ap+Lorg/jvnet/licensetool/argparser/ArgParser;ZLorg/jvnet/licensetool/argparser/ArgParser<Lorg/jvnet/licensetool/LicenseTool\$Arguments;>;<clinit>

SourceFileLicenseTool.javaZ[XYb Copyrightjava/lang/StringBuilder makeCopyrightBlock: startYear =

ab\$makeCopyrightBlock: copyrightText = Contents of copyrightText block:java/util/HashMap StartYear/Contents of copyrightText block withStart

date:SSRQQR#org/jvnet/licensetool/LicenseTool\$1java/util/logging/StreamHandlerZorg.jvnet.licensetool

Main: args:

%org/jvnet/licensetool/file/PlainBlockZmnorg/jvnet/licensetool/ScannerZjava/lang/String

b#org/jvnet/licensetool/ActionFactory!"#"org/jvnet/licensetool/RecognizerFactory\$%&'java/io/IOExceptionException on while processing:

(b)[]org/jvnet/licensetool/argparser/ArgParser+org/jvnet/licensetool/LicenseTool\$ArgumentsZ*+,wx!org/jvnet/licensetool/LicenseTool-

.java/lang/Object\$org/jvnet/licensetool/Scanner\$Actionjava/util/logging/LoggerfineindexOf(Ljava/lang/String;)Ilength()IcharAt(I)Cjava/lang/CharacterisWhitespace(C)ZisDigit substring(II)Ljava/lang/String;append-

(Ljava/lang/String;)Ljava/lang/StringBuilder;toString(Ljava/lang/String;-

(Ljava/lang/Object;)Ljava/lang/StringBuilder;contents

java/util/Mapput8(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;instantiateTemplate8(Ljava/util/Map;)Lorg/jvnet/licensetool/file/PlainBlock;

startyear()Zjava/lang/SystemoutLjava/io/PrintStream;6(Ljava/io/OutputStream;Ljava/util/logging/Formatter;)V

getLogger.(Ljava/lang/String;)Ljava/util/logging/Logger;setUseParentHandlers(Z)Vjava/util/logging/LevelFINELjava/util/logging/Level;setLevel(Ljava/util/logging/Level;)V

```

addHandler(Ljava/util/logging/Handler;)V
copyright*(Lorg/jvnet/licensesetool/file/FileWrapper;+(Lorg/jvnet/licensesetool/file/FileWrapper;)Vdryrunroots()Ljava/
/util/List;(ZLjava/util/List;)Vskipdirsjava/util/Listiterator()Ljava/util/Iterator;java/util/IteratorhasNextnext()Ljava/la
ng/Object;addDirectoryToSkipgetValidateCopyrightActionO(Lorg/jvnet/licensesetool/file/PlainBlock;)Lorg/jvnet/lice
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Scanner$Action;ZwarningprintStackTrace(Ljava/lang/Class;)Vparse'([Ljava/lang/String;)Ljava/lang/Object;java/la
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*L** Y!M"Y#,$N%&:'()-( *-+Y,*-Y*./:+0:1Y*2*34:*56:789: ;Y<=:;Y<>:?Y@ABW$:YDEFkC]n!-4:@HOUkz^
fU yz{~zpqyqd{~ oU!-4Y \uGYHIL+*JHM,K]^ u[\%
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leTablethisCompositeRecognizerInnerClasses=Lorg/jvnet/licensesetool/RecognizerFactory$CompositeRecognizer;
getParserQ(Lorg/jvnet/licensesetool/file/FileWrapper;)Lorg/jvnet/licensesetool/file/FileParser;bp'Lorg/jvnet/licensesetool/
file/FileParser;r+Lorg/jvnet/licensesetool/file/FileRecognizer;i$Ljava/util/Iterator;file(Lorg/jvnet/licensesetool/file/File
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sNext()Znext()Ljava/lang/Object;add(Ljava/lang/Object;Zput8(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/O
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Signature=()Ljava/util/List<Lorg/jvnet/licensesetool/file/CommentBlock;>;insertCommentBlock(Ljava/lang/String;)Vremove,(Lorg/jvnet/licensesetool/file/CommentBlock;)Vwrite()VExceptions5writeTogetPath()Ljava/lang/String;<clinit>
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%org/jvnet/licensesetool/file/ParsedFilejava/lang/Objectjava/io/IOException&org/jvnet/licensesetool/file/FileWrappertoStringjava/lang/ClassgetNamejava/util/logging/Logger getLogger.(Ljava/lang/String;)Ljava/util/logging/Logger;!

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SignatureLjava/util/List<Lorg/jvnet/licensesetool/generic/Pair<Ljava/lang/String;Ljava/lang/String;>;>;prefixLjava/l

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ang/String;<init>4(Ljava/lang/String;Ljava/util/List;Ljava/util/Set;)VCodeLineNumberTableLocalVariableTablethis
LineCommentBlockInnerClasses8Lorg/jvnet/licensesetool/LineCommentFile$LineCommentBlock;lineCommenttags
Ljava/util/Set;LocalVariableTypeTable$Ljava/util/List<Ljava/lang/String;>;#Ljava/util/Set<Ljava/lang/String;>;\
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ava/lang/String;Ljava/util/Set;)VJ(Ljava/lang/String;Ljava/lang/String;Ljava/util/Set<Ljava/lang/String;>;)VcreateCom
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>;
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/licensesetool/LineCommentFile$LineCommentBlockjava/util/HashSet()"org/jvnet/licensesetool/generic/Pair([23'org/jv
net/licensesetool/file/CommentBlock(Ljava/util/Set;)V)V#org/jvnet/licensesetool/util/ToolUtilsplitToLines$(Ljava/lang
/String;)Ljava/util/List;append-
(Ljava/lang/String;)Ljava/lang/StringBuilder;toStringjava/util/Listadd(Ljava/lang/Object;)Ziterator()Ljava/util/Iterat
or;java/util/IteratorhasNext()Znext()Ljava/lang/Object;covertLineBreak8(Ljava/lang/String;Ljava/lang/String;)Ljava
/lang/String;%org/jvnet/licensesetool/LineCommentFileclear'(Ljava/lang/Object;Ljava/lang/Object;)VsecondindexOf(
Ljava/lang/String;)Ilength()I substring(II)Ljava/lang/String;(I)Ljava/lang/String;!)"#$%&'()*-*Y*+*,+;6;<=,*-
0&'1#2341526$7(8***-Y*+*,+@6ABC,*-0&'1'23426$9 ;:*/YN+:- Y
*,
W:0:- Y
*,
W- Y
*,
WY*-Y+"FGH'IFJdKgLM,HF<'07=>&'?'@'A#B#4A5B5CD*E*+M,N(-:*Y*
W*+Q RS)T@UCV,4)<'=>E-0EE'7B#47B5FG*E Y
L*M,(N+-W+-W++Z[%\1]=^@_,*%HI.=>E-0=JK4%HLMG*9 Y
L*M,,N+-W++cd%e1f4g,*%HI"=>9-01JK4%HLNO*c+M*,+kl
m, -0P'Q#4Q5NR*`+M,R,N--*`:-*`:*Y
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```
"klmova$copyrightBlock'Lorg/jvnet/licensetool/file/PlainBlock;this$0%Lorg/jvnet/licensetool/ActionFactory;<init>  
>O(Lorg/jvnet/licensetool/ActionFactory;Lorg/jvnet/licensetool/file/PlainBlock;)VCodeLineNumberTableLocalVar  
iableTablethisInnerClasses'Lorg/jvnet/licensetool/ActionFactory$3;toString(Ljava/lang/String;evaluate*(Lorg/jvnet/  
/licensetool/file/ParsedFile;)Zblock)Lorg/jvnet/licensetool/file/CommentBlock;$Ljava/util/Iterator;pfile'Lorg/jvnet/l  
icensetool/file/ParsedFile;hadAnOldSunCopyrightZcountSunCopyrightI(Ljava/lang/Object;)Zx0Ljava/lang/Object;  
SourceFileActionFactory.javaEnclosingMethodqrs'(%&)tjava/lang/StringBuilder#CopyrightBlockAction[copyright  
Text=uvw]23xyNo Sun Copyright header in
```

```
z3{ }~'org/jvnet/licensetool/file/CommentBlockjava/lang/StringSunCopyrightCopyrightBlock!More than one Sun  
Copyright BlockTopCommentBlock33(First block has incorrect copyright text2Sun Copyright Block is not the first  
comment
```

```
block%org/jvnet/licensetool/file/ParsedFile45%org/jvnet/licensetool/ActionFactory$3java/lang/Object$org/jvnet/lic  
ensetool/Scanner$ActionAction#org/jvnet/licensetool/ActionFactorygetValidateCopyrightActionO(Lorg/jvnet/licen  
setool/file/PlainBlock;)Lorg/jvnet/licensetool/Scanner$Action;()Vappend-
```

```
(Ljava/lang/String;)Ljava/lang/StringBuilder;-(Ljava/lang/Object;)Ljava/lang/StringBuilder;
```

```
access$100O(Lorg/jvnet/licensetool/ActionFactory;Lorg/jvnet/licensetool/file/ParsedFile;)ZgetPath
```

```
access$200n(Lorg/jvnet/licensetool/ActionFactory;Lorg/jvnet/licensetool/file/Block;Ljava/lang/String;Ljava/lang/St  
ring;)VgetComments()Ljava/util/List;java/util/Listiterator()Ljava/util/Iterator;java/util/IteratorhasNext()Znext(Ljav  
a/lang/Object;hasTags([Ljava/lang/String;)ZhasTag(Ljava/lang/String;)Z%org/jvnet/licensetool/file/PlainBlockcont  
entscomment#org/jvnet/licensetool/util/ToolUtilareCommentsEqual'(Ljava/lang/String;Ljava/lang/String;)Zorg/jvne  
t/licensetool/Scanner "#$%&'()*+9*+*,*^-.123+FY*
```

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>+::YSYSZ*+  
*$*+  
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bef>gThWi\jknmxnpqsvw->>m67(89.1;; <=>?A4@+= *+ !,^-.1 ABCDEFG0"$np
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```
EY[this$0_ShellLikeFileParserInnerClasses=Lorg/jvnet/licensetool/FileParserFactory$ShellLikeFileParser;<init>h(  
Lorg/jvnet/licensetool/FileParserFactory$ShellLikeFileParser;Lorg/jvnet/licensetool/file/FileWrapper;)VCodeLineN  
umberTableLocalVariableTablethis?Lorg/jvnet/licensetool/FileParserFactory$ShellLikeFileParser$1;x0(Lorg/jvnet/l
```

```

icensetool/file/FileWrapper;
Exceptions`insertCommentBlock(Ljava/lang/String;)VsplitBlocks$Lorg/jvnet/licensetool/generic/Pair;sheBangBlock"
Lorg/jvnet/licensetool/file/Block; restBlock
firstBlockLineCommentBlock8Lorg/jvnet/licensetool/LineCommentFile$LineCommentBlock;commentTextLjava/lang/String;cb)Lorg/jvnet/licensetool/file/CommentBlock;fBlockLocalVariableTypeTableLorg/jvnet/licensetool/generic/Pair<Lorg/jvnet/licensetool/LineCommentFile$LineCommentBlock;Lorg/jvnet/licensetool/LineCommentFile$LineCommentBlock;>; postParse()V
SourceFileFileParserFactory.javaEnclosingMethodabcdeTopCommentBlockf+ghijk
org/jvnet/licensetool/file/Block'org/jvnet/licensetool/file/CommentBlockl6org/jvnet/licensetool/LineCommentFile$LineCommentBlockmn#!opqrstuvwxyz{|n}~-=org/jvnet/licensetool/FileParserFactory$ShellLikeFileParser$1Qorg/jvnet/licensetool/LineCommentFile$LineCommentFileParser$LineCommentParsedFileLineCommentFileParserLineCommentParsedFile;org/jvnet/licensetool/FileParserFactory$ShellLikeFileParserjava/io/IOException
parseFileQ(Lorg/jvnet/licensetool/file/FileWrapper;)Lorg/jvnet/licensetool/file/ParsedFile;h(Lorg/jvnet/licensetool/LineCommentFile$LineCommentFileParser;Lorg/jvnet/licensetool/file/FileWrapper;)VcreateCommentBlock=(Ljava/lang/String;)Lorg/jvnet/licensetool/file/CommentBlock;addTag
fileBlocksLjava/util/List;java/util/Listget(I)Ljava/lang/Object;%org/jvnet/licensetool/LineCommentFilecontents()Ljava/lang/String;java/lang/String
startsWith(Ljava/lang/String;)Z
splitFirst&()Lorg/jvnet/licensetool/generic/Pair;"org/jvnet/licensetool/generic/Pairfirst()Ljava/lang/Object;secondremove(Ljava/lang/Object;)Zadd(ILjava/lang/Object;)Vtrimsize(I;org/jvnet/licensetool/LineCommentFile$LineCommentFileParser'org/jvnet/licensetool/FileParserFactory @*+*+;!X"#%&'()*+ a*+M,*N- q-
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P:::*W**,**,!,J?@AB!C'D4F;HEIOJ[KgLrM~NORSU"R;C,-E9./O/0/'e13#%45678/9;C,;:< p* b*
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SignatureeLjava/lang/Object;Lorg/jvnet/licensetool/generic/UnaryFunction<Ljava/lang/String;Ljava/lang/Object;>;SourceFileElementParserImpl.javaEnclosingMethod>?@ABCjava/lang/RuntimeExceptionjava/lang/StringBuilderString "DE\$" cannot be converted to a

CharacterFGHIJKLMjava/lang/String3org/jvnet/licensetool/argparser/ElementParserImpl\$7java/lang/Object+org/jvnet/licensetool/generic/UnaryFunction1org/jvnet/licensetool/argparser/ElementParserImplgetPrimitiveParser@(Ljava/lang/Class;)Lorg/jvnet/licensetool/generic/UnaryFunction;()Vlength()Iappend-

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file/FileRecognizer;)V,(Lorg/jvnet/licensetool/RecognizerFactory;)Vjava/lang/ClassgetName(Ljava/lang/String;jav
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ng/String;Ljava/util/Set;)VCodeLineNumberTableLocalVariableTablethisMultiLineCommentBlockInnerClassesBL
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va/lang/String;Ljava/util/Set<Ljava/lang/String;>;)VX(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;Lj
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<div data-bbox="147 120 206 135" data-label="Text"><p>D+Y*S</p></div>
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<div data-bbox="147 352 164 366" data-label="Text"><p>d</p></div>
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<div data-bbox="147 388 169 402" data-label="Text"><p>fg</p></div>
<div data-bbox="147 405 168 419" data-label="Text"><p>G</p></div>
<div data-bbox="147 422 949 456" data-label="Text"><p>Phjk<init>(Ljava/lang/String;)VCodeLineNumberTableLocalVariableTablethisShellLikeFileParserInnerClasses=Lo
rg/jvnet/licensesetool/FileParserFactory\$ShellLikeFileParser;prefixLjava/lang/String;</p></div>
<div data-bbox="147 457 947 491" data-label="Text"><p>parseFileQ(Lorg/jvnet/licensesetool/file/FileWrapper;)Lorg/jvnet/licensesetool/file/ParsedFile;file(Lorg/jvnet/licensesetoo
l/file/FileWrapper;</p></div>
<div data-bbox="147 492 947 526" data-label="Text"><p>ExceptionsmparseBlocks:(Lorg/jvnet/licensesetool/file/FileWrapper;)Ljava/util/List;linei\$Ljava/util/Iterator;fileAsLin
esLjava/util/List;countIfw</p></div>
<div data-bbox="147 528 950 562" data-label="Text"><p>inCommentZresultsbLjava/lang/StringBuilder;LocalVariableTypeTable\$Ljava/util/List<Ljava/lang/String;>;4Ljava/
util/List<Lorg/jvnet/licensesetool/file/Block;>;</p></div>
<div data-bbox="147 563 855 580" data-label="Text"><p>Signature^(Lorg/jvnet/licensesetool/file/FileWrapper;)Ljava/util/List<Lorg/jvnet/licensesetool/file/Block;>;</p></div>
<div data-bbox="147 581 819 598" data-label="Text"><p>SourceFileFileParserFactory.java !=org/jvnet/licensesetool/FileParserFactory\$ShellLikeFileParser\$1</p></div>
<div data-bbox="147 599 287 615" data-label="Text"><p>njava/util/ArrayList</p></div>
<div data-bbox="147 616 950 650" data-label="Text"><p>ojava/lang/StringBuilderprstuvwxyz{||}~java/lang/String#!6org/jvnet/licensesetool/LineCommentFile\$LineCommentB
lockLineCommentBlock)*java/util/HashSet</p></div>
<div data-bbox="147 651 949 775" data-label="Text"><p>x%org/jvnet/licensesetool/file/PlainBlocko;org/jvnet/licensesetool/FileParserFactory\$ShellLikeFileParser;org/jvnet/lice
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terator;java/util/IteratorhasNext()Znext(Ljava/lang/Object;</p></div>
<div data-bbox="147 776 947 811" data-label="Text"><p>startsWith(Ljava/lang/String;)Z%org/jvnet/licensesetool/LineCommentFile6(Ljava/lang/String;Ljava/lang/String;Ljav
a/util/Set;)Vadd(Ljava/lang/Object;)Zappend-</p></div>
<div data-bbox="147 811 942 829" data-label="Text"><p>(Ljava/lang/String;)Ljava/lang/StringBuilder;toStringlength()Iclose'org/jvnet/licensesetool/FileParserFactory! !">*+##</p></div>
<div data-bbox="147 830 243 846" data-label="Text"><p>78\$(()*+,"></p></div>
<div data-bbox="147 848 210 863" data-label="Text"><p>Y*+##<\$</p></div>
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<div data-bbox="147 883 200 899" data-label="Text"><p>-./012"</p></div>
<div data-bbox="103 942 544 958" data-label="Page-Footer"><p>Open Source Used In Elastic Services Controller Software 5.2.01344</p></div>

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SourceFileElementParserImpl.javaEnclosingMethodKLMNOPQRSTU+org/jvnet/licensetool/generic/UnaryFunction#1VWjava/lang/String#\$3org/jvnet/licensetool/argparser/ElementParserImpl\$1java/lang/Object<org/jvnet/licensetool/argparser/ElementParserImpl\$ResultDataIorg/jvnet/licensetool/argparser/ElementParserImplgetDataZ(Ljava/lang/reflect/Method;)Lorg/jvnet/licensetool/argparser/ElementParserImpl\$ResultData;()Vsplit(Ljava/lang/String;)[Ljava/lang/String;java/lang/reflect/ArraynewInstance&(Ljava/lang/Class;I)Ljava/lang/Object;first(Ljava/lang/Object;set((Ljava/lang/Object;ILjava/lang/Object;)V D*+*,*-*e "#\$
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SourceFileActionFactory.javaEnclosingMethod89;;
StopActionjava/lang/StringBuilder<=called.>?%org/jvnet/licensetool/file/ParsedFile%org/jvnet/licensetool/ActionFactory\$2java/lang/Object@\$org/jvnet/licensetool/Scanner\$ActionAction#org/jvnet/licensetool/ActionFactorygetStopAction(Lorg/jvnet/licensetool/Scanner\$Action;()Vappend-(Ljava/lang/String;)Ljava/lang/StringBuilder;

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efjava/io/StringWriterjava/io/PrintWriterghijklbjava/lang/Exception#org/jvnet/licensetool/LicenseTool\$1java/util/logging/Formatter!org/jvnet/licensetool/LicenseToolprocessm

Arguments0(Lorg/jvnet/licensetool/LicenseTool\$Arguments;)V(Ljava/lang/String;)Vjava/security/AccessControllerdoPrivileged4(Ljava/security/PrivilegedAction;)Ljava/lang/Object;

formatMessagejava/util/logging/LogRecordgetLevel()Ljava/util/logging/Level;java/util/logging/LevelgetLocalizedString()Ljava/lang/String;append,(Ljava/lang/String;)Ljava/lang/StringBuffer;

getThrown()Ljava/lang/Throwable;(Ljava/io/Writer;)Vjava/lang/ThrowableprintStackTrace(Ljava/io/PrintWriter;)VclosetoString+org/jvnet/licensetool/LicenseTool\$Arguments F**Y

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*+,java/lang/StringBuilder Skipped: -.-
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access$000()Ljava/util/logging/Logger;append-(Ljava/lang/String;)Ljava/lang/StringBuilder;-
(Ljava/lang/Object;)Ljava/lang/StringBuilder;toString()Ljava/lang/String;java/util/logging/Loggerfine(Ljava/lang/St
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(TS;TT;)V(Ljava/lang/Object;)V(TS;)V(V)V(Ljava/lang/Object;()TS;()TT;equals(Ljava/lang/Object;)ZobjpairhashC
ode()IresultItoString()Ljava/lang/String;<<S:Ljava/lang/Object;T:Ljava/lang/Object;>Ljava/lang/Object;
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Pair.java%' org/jvnet/licensesetool/generic/PairLMN(+,(/0java/lang/StringBuilderPair[OPOQ,]34java/lang/Objectjava
/lang/Classcast&(Ljava/lang/Object;)Ljava/lang/Object;append-(Ljava/lang/String;)Ljava/lang/StringBuilder;-
(Ljava/lang/Object;)Ljava/lang/StringBuilder;!**+*,./ 01 !" #$$%[*+
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1.154 linux-kernel 3.10.87

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

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```
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
```

* Implementing minimal-copy of received data:

- * IDT always receives data into a small buffer, then large buffers
- * as needed. This means that data must always be copied to create
- * the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
- * Fix is simple: make large buffers large enough to hold entire
- * SDU, and leave <small_buffer_data> bytes empty at the start. Then
- * copy small buffer contents to head of large buffer.
- * Trick is to avoid fragmenting Linux, due to need for a lot of large
- * buffers. This is done by 2 things:
- * 1) skb->destructor / skb->atm.recycle_buffer
- * combined, allow nicstar_free_rx_skb to be called to
- * recycle large data buffers
- * 2) skb_clone of received buffers
- * See nicstar_free_rx_skb and linearize_buffer for implementation
- * details.
- *
- *
- *
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- *
- * M. Welsh, 6 July 1996
- *
- *
- * /

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ConferenceTV card

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QLogic Linux Networking HBA Driver

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(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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for many bugfixes in the generic DVB Core, frontend drivers and
their work on the dbox2 port of the DVB driver

Oliver Endriss <o.endriss@gmx.de>
for many bugfixes

Andrew de Quincey <adq_dvb@lidskialf.net>
for the tda1004x frontend driver, and various bugfixes

Peter Schildmann <peter.schildmann@web.de>
for the driver for the Technisat SkyStar2 PCI DVB card

Vadim Catana <skystar@moldova.cc>
Roberto Ragusa <r.ragusa@libero.it>
Augusto Cardoso <augusto@carhil.net>
for all the work for the FlexCopII chipset by B2C2,Inc.

Davor Emard <emard@softhome.net>
for his work on the budget drivers, the demux code,
the module unloading problems, ...

Hans-Frieder Vogt <hfvogt@arcor.de>
for his work on calculating and checking the crc's for the
TechnoTrend/Hauppage DEC driver firmware

Michael Dreher <michael@5dot1.de>
Andreas 'randy' Weinberger
for the support of the Fujitsu-Siemens Activy budget DVB-S

Kenneth Aafly <ke-aa@frisurf.no>
for adding support for Typhoon DVB-S budget card

Ernst Peinlich <e.peinlich@inode.at>
for tuning/DiSEqC support for the DEC 3000-s

Peter Beutner <p.beutner@gmx.net>

for the IR code for the ttusb-dec driver

Wilson Michaels <wilsonmichaels@earthlink.net>
for the lgdt330x frontend driver, and various bugfixes

Michael Krufky <mkrufky@m1k.net>
for maintaining v4l/dvb inter-tree dependencies

Taylor Jacob <rtjacob@earthlink.net>
for the nxt2002 frontend driver

Jean-Francois Thibert <jeanfrancois@sagetv.com>
for the nxt2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com>
for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

(If you think you should be in this list, but you are not, drop a
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```
<one line to give the program's name and a brief idea of what it does.>  
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```
Gnomovision version 69, Copyright (C) 19yy name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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

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

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1.156 spring-security-crypto 4.2.12

1.157 hamcrest 1.3

1.157.1 Available under license :

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```
<P ALIGN="CENTER"><B>Common Public License - v 1.0</B>
```

```
<P><B></B><FONT SIZE="3"></FONT>
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@item

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@enumerate a

@item

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

@item

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

@item

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you

received the program in object code or executable form with such an offer, in accord with Subsection b above.)

@end enumerate

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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@end enumerate

```
@iftex
@heading END OF TERMS AND CONDITIONS
@end iftex
@ifinfo
@center END OF TERMS AND CONDITIONS
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@end ifinfo
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```
@page
@heading Appendix: How to Apply These Terms to Your New Programs
```

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

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

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@end smallexample

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

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

```
@smallexample
Gnomovision version 69, Copyright (C) @var{year} @var{name of author}
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
```

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

@end smallexample

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

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@example

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

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

Ty Coon, President of Vice

@end example

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Version 2.1, February 1999

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

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

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ```work based on the library``` and a ```work that uses the library```. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

`@subheading TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION`

`@enumerate 0`

`@item`

This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called ```this License```). Each

licensee is addressed as ``you''.

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

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

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

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

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

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The modified work must itself be a software library.

@item

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

@item

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

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

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

@end enumerate

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

@item

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

@item

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

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

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not.

Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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

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

@item

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

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

@enumerate a

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Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable ``work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

@item

Use a suitable shared library mechanism for linking with the Library. A

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

@item

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

@item

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

@item

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

@end enumerate

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

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

@item

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@enumerate a

@item

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

@item

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

@end enumerate

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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page

@subheading How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the

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@smallexample

@var{one line to give the library's name and an idea of what it does.}

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@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

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1.165 slf4j 1.7.11

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1.166 hibernate-c3p0 5.2.1

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Version 2.1, February 1999

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it

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

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Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

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

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility

is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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

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

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

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work

under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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1.170 java-json 0.13.0

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1.171 openorb 1.3.1

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1.172 httpclient 4.5.3

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1.175 consul-client 1.3.9

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1.176 swagger-annotations 1.5.13

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*/

package io.swagger.annotations;

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

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

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

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

    /**
     * An optional URL for the license.
     *
     * @return an optional URL for the license.
     */
    String url() default "";
}

```

1.177 rsyslog 8.24.0-52.el7

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Version 3, 29 June 2007

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d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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1.181 okhttp 3.12.2

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* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-
jar/okhttp3/internal/proxy/NullProxySelector.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-
jar/okhttp3/internal/annotations/EverythingIsNonNull.java
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* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-
jar/okhttp3/internal/ws/RealWebSocket.java
```


* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/cache2/FileOperator.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http2/StreamResetException.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http/RealInterceptorChain.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http/RetryAndFollowUpInterceptor.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http2/ConnectionShutdownException.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/platform/Jdk9Platform.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/WebSocketListener.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/tls/TrustRootIndex.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http/UnrepeatableRequestBody.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http/CallServerInterceptor.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/platform/AndroidPlatform.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/tls/BasicTrustRootIndex.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/cache2/Relay.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/WebSocket.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/platform/JdkWithJettyBootPlatform.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/tls/BasicCertificateChainCleaner.java

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- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/cache/FaultHidingSink.java
- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Authenticator.java
- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/connection/RouteException.java
- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Cookie.java
- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/CookieJar.java
- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/connection/ConnectionSpecSelector.java
- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/HttpUrl.java
- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/connection/StreamAllocation.java

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- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http1/Http1Codec.java
- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/Util.java
- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http/HttpHeaders.java
- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Address.java
- * /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-

jar/okhttp3/internal/http/HttpCodec.java

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* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-

jar/okhttp3/internal/http/HttpDate.java

* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-

jar/okhttp3/internal/cache/DiskLruCache.java

* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-

jar/okhttp3/internal/http2/Http2Writer.java

* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-

jar/okhttp3/internal/http2/Http2Stream.java

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* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/connection/RouteDatabase.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http2/Http2.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http/StatusLine.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http/RequestLine.java
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* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Dispatcher.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Route.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/NamedRunnable.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/cache/InternalCache.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/MediaType.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http2/ErrorCode.java
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* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/CertificatePinner.java

* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/ws/WebSocketProtocol.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Interceptor.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/ConnectionSpec.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/ws/WebSocketReader.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Protocol.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/FormBody.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Challenge.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Call.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/ResponseBody.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Callback.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/cache/CacheRequest.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http/2/PushObserver.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/RealCall.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http/RealResponseBody.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/TlsVersion.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/Version.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/platform/ConscryptPlatform.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/RequestBody.java
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* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/Internal.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http/HttpMethod.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Credentials.java

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* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/internal/http2/Settings.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Dns.java
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* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-jar/okhttp3/Headers.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-

jar/okhttp3/internal/connection/RealConnection.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-
jar/okhttp3/ConnectionPool.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-
jar/okhttp3/internal/platform/OptionalMethod.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-
jar/okhttp3/internal/tls/CertificateChainCleaner.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-
jar/okhttp3/internal/cache/CacheInterceptor.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-
jar/okhttp3/internal/connection/ConnectInterceptor.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-
jar/okhttp3/internal/http/BridgeInterceptor.java
* /opt/ws_local/PERMITS_SQL/1034298782_1588660933.31/0/okhttp-3-12-2-sources-1-
jar/okhttp3/internal/tls/DistinguishedNameParser.java
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1.182 commons-http-client 3.1

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1.184 hk2-config 2.5.0

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```

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 *
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 *
 * or (per the licensee's choosing)
 *
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 */
package ch.qos.logback.core.encoder;

import java.io.IOException;
import java.io.OutputStream;

import ch.qos.logback.core.CoreConstants;

public class EchoEncoder<E> extends EncoderBase<E> {

    String fileHeader;
    String fileFooter;

    public void doEncode(E event) throws IOException {
        String val = event + CoreConstants.LINE_SEPARATOR;
        outputStream.write(val.getBytes());
        // necessary if ResilientFileOutputStream is buffered
        outputStream.flush();
    }

    public void close() throws IOException {
        if (fileFooter == null) {
            return;
        }
        outputStream.write(fileFooter.getBytes());
    }

    public void init(OutputStream os) throws IOException {
        super.init(os);
    }

```

```

    if (fileHeader == null) {
        return;
    }
    outputStream.write(fileHeader.getBytes());
}
}

```

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1.188 log-rotate 3.8.6-19.el7

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1.191 velocity 1.7

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Many improvements to the libsensors configuration file scanner.
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1.193 springfox-core 2.7.0

1.194 postgresql-jdbc 9.4

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1.195 spring-web-mvc 4.3.21

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1.196 libdevmapper 1.02

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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java
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1.202 spdylay 1.4.0

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1.203 expat 2.1.0-11.el7

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1.204 Icms 1.19-1.e16

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1.205 jackson-annotations 2.10.3

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1.213 brotli 1.18

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1.214 jakarta-annotation-api 1.3.4

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1.216 findutils 4.5.11 6.el7

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<p>

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information and restrictions when using the lightweight library with the MIDP environment.

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Christian Geuer-Pollmann <geuerp@apache.org> - adding IV's to the AESWrap implementations. Initial implementation of DESedeWrap.

Michael Mühle <michael@mouling.de> - contributing the initial CertPath implementation and compatibility classes, fixing provider bug in JDK 1.1 java.security.cert.CertificateFactory compatibility class.

Michael Mansell <me@michaelmansell.com> - fixing the parsing of the empty DER set in the ASN.1 library.

Eike Recker <eike.recker@gmx.de> - fixing misspelling of provider reference for RSA/1 and RSA/2.

Chris Southern <CSouthern@baltimore.com> - fixing misuse of specified provider in the PKCS10 certification request class.

Sidney Markowitz <sidney@sidney.com> - fixing null pointed exception on unknown OID in X509Name class, initial implementation of the three AES engines.

Chris Kerr <ckerr@filonet.ca> - initial implementation of the cms, asn1.cms, and the mail/smime packages,

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Jess Garms <jgarms@yahoo.com> - fixing 112/168 key size bug for
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Mike Bremford <mike@big.faceless.org> - contributing the initial PKCS7 implementation.

Shankar Srinivasan <:ssr002@yahoo.com> - S/Mime interoperability testing and debugging.

Stef Hoeben <ilsestef@skynet.be> - adding Montgomery multiplication to the BigInteger class.

Klaudiusz Ciosk <kciosk@max.com.pl> - improving the compatibility of
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Joel Hockey <joel.hockey@qipayments.com> - initial work on the openSSL PEM processing.

John Steenbruggen <JohnS@geotrust.com> - fixing CertificationRequestInfo to handle cert request
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Justin Chapweske <justin@chapweske.com> - ordering patch for Tiger message digest.

John Serock <jserock@hotmail.com> - fixing null pointer exception
in constructor for ExtendedKeyUsage. Fixing of base OID bug in KeyPurposeId.

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Andre Wehnert <aw5@mail.inf.tu-dresden.de> - fixing key schedule problem in RC5-64, fixing
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Luigi Lo Iacono <lo_iacono@nue.et-inf.uni-siegen.de> - adding SIC
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Tim Sakach <tsakach@certivo.net> - SMIME v2 compatibility patches.

Marcus Povey <mpovey@brookes.ac.uk> - adding the PGP mode to the lightweight API and the
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Sebastian Clau <sc2@inf.tu-dresden.de> - adding randomness setting
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Nicolas Bielza <nicolas.bielza@alligacom.com> - isolating the tagging bug in the ASN.1 library that
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Casey Marshall <rsdio@metastatic.org> - fixing the clone problem with Macs in the clean room
JCE.

Rick Zeldes <rick.zeldes@eds.com> - initial code for CMS/SMIME CompressedData.

Jarek Gawor <gawor@mcs.anl.gov> - fixing ASN.1 sequence unpacking in BasicConstraints
constructor.

Brett Neumeier <random@rnd.cx> - patch to OriginatorIdentifierOrKey object, improvements to

encoders package, introduction of UrlBase64.
Graham Coles <graham.coles@retail-logic.com>; - patch to isParityAdjusted in DESKeySpec.
Jörn von Kattchee <J.Kattchee@seeburger.de>; - patch to SMIMEGenerator for preventing class cast exceptions with BodyParts containing Multipart objects.
Matteo Artuso <matartuso@libero.it>; - picking up the possible overread in ASN1InputStream.
Julian Morrison <julian@extropy.demon.co.uk>; - spotting the slow down in Diffie-Hellman key generation.
Elmar Sonnenschein <eso@esomail.de>; - fix to long conversion in clean room SecureRandom.
Jörn Schwarze <JSchwarze@ulc.de>; - Locale fix for the clean room JCE.
Bryan Lovquist <bkl@cps.com.au>; - Other provider compatibility fixes for CMS signing.
Artem Portnoy <Artem_Portnoy@ibi.com>; - generalisations for CMSProcessableBodyPart in S/MIME. Header fix for mime messages.
Michael Hüusler <haeusler@ponton-consulting.de>; - missing OID update for SHA1 with RSA Signature.
Johan Seland <johans@netfonds.no>; - general toString for BigInteger class.
Johannes Nicolai <johannes.nicolai@novosec.com>; - further enhancements to OCSP response generation, fix to CertificateID issuer.
Marc Doberva <marc.doberva@ilex-si.com>; - help in isolating the JSSE/BC RSA key issue.
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Joe Cohen <jcohen@forumsys.com>; - converting the ArrayOutOfBoundsException in DERInputStream into what it should have been.
Chris Long <along@ece.cmu.edu>; - adding public key decoding to PEMReader.
Hes Siemelink <hes@izecom.com>; - findIssuer fix for CertPathBuilder, toMimeMessage converter for Mail API, getSize() fix for zero length messages in SMIMEMessage.
Stefan Puiu <stefanpuiu@yahoo.com>; - initial implementation V3 policy mapping, policy qualifier objects in ASN.1 X.509 package.
Kaiser Yang <kaiseryang@yahoo.com>; - Finding BigInteger loop problem in prime generation.
Jiri Urbanec <jiri.urbanec@logicacmg.com>; - patch to fix defect in DERBMPString.equals().
Justin Kolb <jkolb@pristx.com>; - patch to DSA signature generation in OpenPGP. Fix for the unexpected "Unexpected end of ZLIB input stream" exception.
Ralf Hauser <ralfhauser@gmx.ch>; - patch to exception handling in PublicKeyRing, PEMReader, 1.4 build script, X509 Certificate Factory, CertPathValidatorUtilities, fromAddress null check in SignedMailValidator, ReadOnceInputStream testing utility in MIME tests.
Michal Dvorak <M_Dvorak@kb.cz>; - getNextUpdate patch for OCSP SingleResp.
Klaus Greve Fiorentini <Klaus@cpqd.com.br>; - array fix in PGP PublicKeyEncSessionPacket.
Olivier Refalo <Olivier_Refalo@fpl.com>; - null pointer exception fix for JDK 1.3 CMSSignedData objects.
Mariusz Bandola <mariusz.bandola@cryptotech.com.pl>; - patch to DERGeneralizedTime. Compliance patch for OCSP TBSRequest class. Patch to X509Name for delaying with general objects in sequences.
Brien Oberstein <brien.oberstein@transacttools.net>; - patch to S2K algorithm in OpenPGP, initial PGP version 3 secret key support, initial PGP version 3 signature generation, RIPEMD160 addition to PGPUtil.
Ian Haywood <ian@haywood.bpa.nu>; - addition of getSignatureType to PGPSignature.
Jonathan Edwards <s34gull@mac.com>; - initial support for reading multiple rings from a PGP key file.
Andrew Thornton <andrew@caret.cam.ac.uk>; - patch for RSA PUBLIC KEY in PEMReader.

- Gregor Leander <gl@bos-bremen.de> - initial parsing of multiple sequence entries in an X.500 Name.
- Antoon Bosselaers <Antoon.Bosselaers@esat.kuleuven.ac.be> - help with RipeMD320 implementation.
- Peter Sylvester <Peter.Sylvester@edelweb.fr> - improvements to the ASN.1 BasicConstraints object.
- Doug <ummmmm@myrealbox.com> - addition of isEncryptionKey method to OpenPGP public keys.
- Francois Staes <fstaes@netconsult.be> - improvements to DEBitString, DERGeneralizedTime and initial implimentation of DERGeneralString, addition of settable signed object info to CMSSignedDataGenerator, patch to DH key agreement.
- W.R. Dittmer <wdittmer@cs.vu.nl> - patch to decoding of SignatureCreationTime in BCPG. Patch to PGPPublicKey to fix nullpointer exception.
- Perez Paz Luis Alberto <laperez@banxico.org.mx> - patch to use of BitString in X.500 name.
- James Wright <James_Wright@harte-hanks.com> - patches for dealing with "odd" ArmoredInputStreams.
- Jim Ford <jim@muirford.com> - patch to PGPSecretKey to avoid null pointer exception on encoding secret keys, comments on KeyExpirationTime, getBitStrength for ElGamal keys. Signature creation time patch for newly created v4 signatures.
- Michael Hausler <haeusler@ponton-consulting.de> - extra aliases for provider.
- Sai Pullabhotla <psai@linoma.com> - fix to PGP compressed data generator to improve compression levels. Performance improvements for KeyBasedLargeFileProcessor.
- Joseph Miller <joseph@digiweb.net.nz> - addition of ZeroBytePadding.
- Lars <xyz@sagemdenmark.dk> - patch to explicit padded mode for CBC block cipher MAC.
- Jeroen van Vianen <jeroen@vanvianen.nl> - the Signed and Encrypted mail example.
- Jun Sun <JSun@diversinet.com> - patch to SecureRandom to work around problem in wtk 1.0.4 and wtk 2.1.
- Petr Dukem <pdukem@email.cz> - patch to CMSSignedDataGenerator to allow it to work with PKCS11 providers.
- Filipe Silva <filipe.silva@wedoconsulting.com> - patch to fix overread issue in BCPGInputStream.
- Alpesh Parmar <alps@linuxmail.org> - patch for class cast problem in PGPPublicKey.getSignatures().
- Jay Gengelbach <jgengelbach@webmethods.com> - patch to fix isSigningKey in PGPSecretKey class, patch to hashedPackets in PGP signatureGenerator, initial cut for indefinite length output.
- Doug <doug@tigerprivacy.com> - public key ring patches for ElGamal Signatures, problem key ring data.
- Matthew Mundy <mmundy1@umbc.edu> - infinite loop prevention patch to PKCS5S2ParametersGenerator.
- Tom Cargill <cargill@profcon.com> - spelling patch in provider.
- Breitenstrom Christian <C.Breitenstrom@t-systems.com> - compatibility patch to SignaturePacket, DetachedSignatureProcessor.
- Zanotti Mirko <zanotti@cad.it> - patch to ordered equality test for X509Name.
- Nicola Scandoni <nscandoni@babelps.it> - patch to add sorting to CertPath validation.
- Ville Skyttä <ville.skytta@iki.fi> - patch to CRLDistPoint for cRLIssuer field. KeyStore compliance on add patches. DiffieHellman patch for provider compliance. Support for PEM object "TRUSTED CERTIFICATE". Exception handling patch in PEMReader. JavaDoc clean up.
- Bruce Gordon <bruce.gordon@savvis.net> - patch to secret key creation encoding

NullPointerException in OpenPGP, speed up for BCPGInputStream.
Miles Whiteley <Miles.Whiteley@#064savvis.net> - "223" fix for BCPGInputStream new packets.
Albert Moliner <amoliner@#064evintia.com> - initial TSP implementation.
Carlos Lozano <carlos@#064evintia.com> - initial TSP implementation, patch to SignerInformation for supporting repeated signers, initial updates for supporting repeated attributes in CMS.
Javier Delgado <javi@#064javi.codewarp.org> - initial Mozilla PublicKeyAndChallenge classes.
Joni Hahkala <joni.hahkala@#064cern.ch> - initial implementations of VOMS Attribute Certificate Validation, IetfAttrSyntax, and ObjectDigestInfo. We also wish to thank the EGEE project for making the work available.
Rolf Schillinger <rolf@#064sir-wum.de> - initial implementation of Attribute Certificate generation.
Sergey Bahtin <Sergey_Bahtin@#064yahoo.com> - fix for recovering certificate aliases in BKS and UBER key stores. Initial implementations of GOST-28147, GOST-3410, EC GOST-3410, GOST OFB mode (GOFB) and GOST-3411.
Franck Leroy <Franck.Leroy@#064keynectis.com> - ANS.1 set sorting. Contributions to TSP implementation. Test vectors for Bleichenbacher's forgery attack.
Atsuhiko Yamanaka <ymnk@#064jcraft.com> - patch for improving use of Montgomery numbers in BigInteger library. Patch to use size of private exponent in DH parameters.
Nickolay Bolshakov <tyrex@#064reksoft.ru> - patch for class cast exception in AuthorityInformationAccess class.
Soren Hilmer <soren.hilmer@#064tietoenator.com> - patches for CertID with issuerSerial set in TSP implementation, additional compliance testing.
Steve Mitchell <mitchell@#064intertrust.com> - patch for stateful path validator fix. Patch to allow BigInteger class to create negative numbers from byte arrays. Additions to allow different providers to be used for asymmetric/symmetric encryption in OpenPGP.
Optimisation to avoid redundant verification in path validator. Suggestion to use PKIXParameters.getSigProvider() correctly.
Dirk Eisner <D.Eisner@#064seeburger.de> - initial implementation of ISO 78164-4 padding.
Julien Pasquier <julienpasquier@#064free.fr> - initial implementation of attribute classes from RFC 3126. Fix to KEKIdentifier, OtherKeyAttribute parsing. Initial ContentHints class.
Matteo <matartuso@#064libero.it> - sequence patch to ASN1Dump.
Andrew Paterson <andrew.paterson@#064burnsecs.com> - patches to PGP tools, isRevoked method on PGPPublicKey.
Vladimir Molotkov <vladimir.n.molotkov@#064intel.com> - extensive provider exception handling compliance testing.
Florin Kollan <adlocflo@#064web.de> - fix to ElGamalKeyParameters equality testing.
Pavel Vassiliev <paulvas@#064gmail.com> - Initial GOST28147Mac implementation.
Tom Pesman <tom@#064tnux.net> - addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.
Lukasz Kowalczyk <lukasz.b.kowalczyk@#064gmail.com> - patch to fix parsing issue with OpenSSL PEM based certificate requests.
Arndt Hasch <Arndt.Hasch@#064maxence.de> - additional fix for partial reading with new style PGP packets.
Fix Bernd (KCDP 11) <bernd.fix@#064credit-suisse.com> - fix for 31 byte issue and exception throwing by Whirlpool.
David M. Lee <dmlee@#064Crossroads.com> - code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.
Mike Dillon <md5@#064embody.org> - additional checks for PGP secret and public key construction, patches to copyWithNewPassword.

- tu-vi cung <t2cung@hotmail.com> - patch for out of bounds problem in getDecoderStream method.
- Chris Schultz <cschultz@gmail.com> - fix for InputStream constructor for X509V2AttributeCertificate.
- David M. Lee <dml@crossroads.com> - implementation assistance with streaming CMS classes.
- Joel Rees <rees@ddcom.co.jp> - fix to correct getOID methods from returning same set on X.509 attribute certificates.
- Francesc Sau <francesc.sau@partners.netfocus.es> - micro fix for tsp Accuracy class.
- Larry Bugbee <bugbee@mac.com> - initial ECNR implementation.
- Remi Blancher <Remi.Blancher@keynectis.com> - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.
- Brian O'Rourke <brianorourke@gmail.com> - patch for signature creation time override in OpenPGP.
- Andreas Schwier <andreas.schwier@cardcontact.de> - initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 MAC to the provider, fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.
- David Josse <david.josse@transacttools.net> - Patch for trailer function in version 2 signature packets.
- Kishimoto Kazuhiko <kazu-k@hi-ho.ne.jp> - RFC 3280 updates to policy processing in the CertPath validator. Additional test data not covered by NIST.
- Lawrence Tan <lwrnctan@gmail.com> - Large field OID sample test data. Missing key types in JDKKeyFactory.
- Carlos Valiente <superdupont@gmail.com> - Addition of CRL writing to the PEMWriter class.
- Keyon AG, Martin Christinat, http://www.keyon.ch - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.
- Olaf Keller, <olaf.keller.bc@bluewin.ch> - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.
- Jörg Eichhorn <eichhorn@ponton-consulting.de> - patch to fix EOF read on SharedFileInputStream, support for F2m compression.
- Karsten Ohme <widerstand@t-online.de> - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings. Fix for RFC 5280 NameConstraint checking for RDNs.
- Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design. CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.
- Carlos Lozano Ruiz <carlos@tradise.com> - patch for <ctrl><m> only handling in CRLFOutputStream.
- John Alfred Prufrock <j.a.prufrock@gmail.com> - mods to GOST-3411 and MD2 to support ExtendedDigest.

- Stefan Neusatz Guilhen <sneusatz@gmail.com> - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.
- Marzio Lo Giudice <marzio.logiudice@gmail.com> - fix to endianness in KDF2BytesGenerator, additional KDF2 tests.
- Georg Lippold <georg.lippold@gmx.de> - initial implementation of NaccacheStern cipher.
- Chris Viles <chris_viles@yahoo.com> - fix to SignatureSubpacket critical bit setting.
- Pasi Eronen <Pasi.Eronen@nokia.com> - extra toString() support for ASN.1 library. Initial patch for large OID components.
- Lijun Liao <https://github.com/xipki> - performance enhancements for SHA family of digests. Bug report and patch for blank line handling in ArmoredInputStream. Addition of getSignatureAlgorithmID to BasicOCSPResp. Reset fix for SM2 signatures, performance improvements for SHA-3. Clean up of CMP EncryptedValueBuilder, additional functionality on PollReqContent. Bug fix for endianness issue in cSHAKE left encode method.
- Maria Ivanova <maria.ivanova@gmail.com> - support for tags > 30 in ASN.1 parsing.
- Armin Häberling <arminha@student.ethz.ch> - first cut of internationalisation, initial PKIX validation classes.
- Marius Schilder <mschilder@google.com> - main set of test vectors for Bleichenbacher's forgery attack.
- Xavier Le Vouch <xavier@brittanysoftware.com> - general code clean ups.
- Erik Tews <e_tews@cdc.informatik.tu-darmstadt.de> - initial threaded random seed generator, constant-time PKCS#1.5 decoding
- Thomas Dixon <reikomusha@gmail.com> - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.
- Frank Cornelis <info@frankcornelis.be>- addition of crlAccessMethod in X509ObjectIdentifiers.
- Rui Joaquim <rjoaquim@cc.isel.ipl.pt> - initial implementation of RSA blinding for signatures.
- David Stacey <DStacey@allantgroup.com> - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.
- Martijn Brinkers <list@mitm.nl> - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.
- Julius Davies <juliusdavies@gmail.com> - additional modes and algorithm support in PEMReader
- Matthias <g@rtner.de> - GnuPG compatibility changes for PBEFileProcessor.
- Olga Käthler <olga.kaethler@hjp-consulting.com> - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.
- Germano Rizzo <germano.rizzo@gmail.com> - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.
- Núria María <numaa@hotmail.com> - patch for alternate data type recognition in CMSSignedDataParser.
- Janis Schuller <js@tzi.de> - addition of NotationData packets for OpenPGP.
- Michael Samblanet <mike@samblanet.com> - patches towards improved Sun/default provider support in CMS.
- Mike StJohns <mstjohns@comcast.net> - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA, updates to KeyPurposeId.
- Ramon Keller <ramon.keller@gmx.ch> - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.
- Mark Nelson <mark@nbr.com> - correction to excluded DN in name constraints processing for PKIX processing.

Eugene Golushkov <eugene_gff@ukr.net>; - mask fix to single byte read in TlsInputStream.
Julien Pasquier <julienpasquier@free.fr>; - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.
Peter Knopp <pknopp@mtg.de>; - fix for named curve recognition in ECGOST key generation.
Jakub Gwozdz <gwozdz@rpg.pl>; - addition of getTsa() to TimeStampTokenInfo.
Bartosz Malkowski <bmalkow@tigase.org>; - initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.
Tal Yacobi <tal.yacobi@octavian-tech.com>; - fix for issue in OpenPGP examples [#BJA-55].
Massimiliano Ziccardi <massimiliano.ziccardi@gmail.com>; - support for counter signature reading in CMS API, update for multiple counter signature attributes, JCA compliance patch for PEM parsing in CertificateFactory.
Andrey Pavlenko <andrey.a.pavlenko@gmail.com>; - security manager patch for PKCS1Encoding property check.
J Ross Nicoll <jrn@jrn.me.uk>; - improved exception handling for getInstance() in ASN.1 library.
Matthew Stevenson <mavricknz@yahoo.com>; - patch to constructor for CRMF CertSequence.
Gabriele Contini <gcontini@hotpop.com>; - identified a bug in ASN.1 library with handling of unterminated NDEF's.
Roelof Naude <roelof.naude@epiuse.com>; - patch for TLS client to send empty client certs in response to HP_CERTIFICATE_REQUEST.
Patrick Peck <peck@signaturen.at>; - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.
Michael LeMay <lemaymd@lemaymd.com>; - identified problem with EAX [#BJA-93].
Alex Dupre <ale@FreeBSD.org>; - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificationRequest [#BJA-102]
Michael Schoene <michael@sigrid-und-michael.de>; - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().
Ion Larrañaga <ilarra@s21sec.com>; fix to default partial packet generation in BCPGOutputStream.
Bob Kerns <bob.kerns@positscience.com>; fix to hashCode for X509CertificateObject.
Stefan Meyer <stefan.meyer@ewe.de>; backport for PKIXCertPathValidator and SMIMESignedMailReviewer.
Robert J. Moore <Robert.J.Moore@allanbank.com>; speedups for OpenPGPCFB mode, clean room JCE patches.
Rui Hodai <rui@po.ntts.co.jp>; speed ups for Camellia implementation, CamelliaLightEngine.
Emir Bucalovic <emir.bucalovic@mail.com>; initial implementation of Grain-v1 and Grain-128.
Torbjorn Svensson <tobbe79@gmail.com>; initial implementation of Grain-v1 and Grain-128.
Paul FitzPatrick <bouncycastle_pfitz@fitzpatrick.cc>; error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.
Henrik Andersson <k.henrik.andersson@gmail.com>; addition of UniqueIssuerID to certificate generation.
Cagdas Cirit <cagdascirit@gmail.com>; subjectAlternativeName fix for x509CertStoreSelector.
Harakiri <harakiri_23@yahoo.com>; datahandler patch for attached parts in SMIME signatures.
Pedro Henriques <pmahenriques@gmail.com>; explicit bounds checking for DESKeyGenerator, code simplification for OAPEncoding.
Lothar Kimmeringer <job@kimmeringer.de>; verbose mode for ASN1Dump, support for

DERExternal, DNS performance fix for S/MIME API.
Richard Farr <rffarr.se@gmail.com> initial SRP-6a implementation.
Thomas Castiglione <castiglione@au.ibm.com> patch to encoding for CRMF OptionalValidity.
Elisabetta Romani <eromani@sogei.it> patch for recognising multiple counter signatures.
Robin Lundgren <r737lundgren@gmail.com> CMPCertificate constructor from X509CertificateStructure fix.
Petr Kadlec <mormegil@centrum.cz> fix to sign extension key and IV problem in HC-128, HC-256.
Andreas Antener <antener_a@gmx.ch> fix to buffer reset in AsymmetricBufferedBlockCipher.
Harendra Rawat <hsrawat@yahoo.com> fix for BERConstructedOctetString.
Rolf Lindemann <lindemann@trustcenter.de> patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].
Alex Artamonov <alexart.home@gmail.com> name look up patch for GOST-2001 parameters.
Mike Lyons <mlyons@layer7tech.com> work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.
Chris Cole <chris_h_cole@yahoo.com> identified a problem handling null passwords when loading a BKS keystore.
Tomas Krivanek <tom@atack.cz> added checking of Sender header to SignedMailValidator.
Michael <emfau@t-online.de> correction of field error in getResponse method in CertRepMessage.
Trevor Perrin <trevor@cryptography.com> addition of constant time equals to avoid possible timing attacks.
Markus Kilås <markus@primekey.se> several enhancements to TimestampResponseGenerator.
Dario Novakovic <darionis@yahoo.com> fix for NPE when checking revocation reason on CRL without extensions.
Michael Smith <msmith@cbnco.com> bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.
Andrea Zilio <andrea.zilio@gmail.com> fix for PEM password encryption of private keys.
Alex Birkett <alex@birkett.co.uk> added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].
Wayne Grant <waynedgrant@gmail.com> additional OIDs for PCKS10 and certificate generation support.
Frank Cornelis <info@frankcornelis.be> additional support classes for CADES, enhancements to OCSP classes.
Jan Dittberner <jan@dittberner.info> addHeader patch for SMIME generator.
Bob McGowan <boab.mcgoo@btinternet.com> patch to support different object and mgf digests in PSS signing.
Ivo Matheis <i.matheis@seeburger.de> fix to padding verification in ISO-9796-1.
Marco Sandrini <nessche@gmail.com> patch to add IV to ISO9797Alg3Mac.
Alf Malf <alfilmalf@hotmail.com> removal of unnecessary limit in CMSContentInfoParser.
Alfonso Massa <alfonso.massa@insiel.it> contributions to CMS time stamp classes.
Giacomo Boccardo <gboccardo@unimaticaspa.it> initial work on CMSTimeStampedDataParser.
Arnis Tartu <arnis@ut.ee> patches for dealing with OIDs with specific key sizes associated in CMS.
Janusz Sikocinski <J.Sikocinski@gdzie.pl> addition of Features subpacket support to OpenPGP API.

- Juri Hudolejev <jhudolejev@gmail.com> JavaDoc fix to CMSSignedDataParser.
- Liane Velten <liane.velten@hjp-consulting.com> fine tuning of code for DHParameters validation.
- Shawn Willden <swillden@google.com> additional functionality to PGPKeyRing.
- Atanas Krachev <akrachev@gmail.com> added support for revocation signatures in OpenPGP.
- Mickael Laiking <mickael.laiking@keynectis.com> initial cut of EAC classes.
- Tim Buktu <tbuktu@hotmail.com> Initial implementation of NTRU signing and encryption.
- Bernd <rbernd@gmail.com> Fix for open of PGP literal data stream with UTF-8 naming.
- Steing Inge Morisbak <stein.inge.morisbak@BEKK.no> Test code for lower case Hex data in PEM headers.
- Andreas Schmid <andreas.schmid@tngtech.com> Additional expiry time check in PGPPublicKeys.
- Phil Steitz <phil.steitz@gmail.com> Final patch eliminating JCE dependencies in the OpenPGP BC classes.
- Ignat Korchagin <ignat.korchagin@gmail.com> Initial implementation of DSTU-4145-2002, long hash fix for DSTU-4145-2002.
- Petar Petrov <p.petrov@bers-soft.com> Testing and debugging of UTF-8 OpenPGP passwords.
- Daniel Fitzpatrick <daniel.f.nwr@gmail.com> Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.
- Andy Neilson <Andy.Neilson@quest.com>a further patches to deal with multiple providers and PEMReader.
- Ted Shaw <xiao.xj@gmail.com> patch to MiscPEMGenerator for handling new PKCS10CertificationRequests.
- Eleriseth <Eleriseth@WPECGLtYbVi8Rl6Y7Vz12Lvd2EUUVW99v3yNV3IWROG8.fms> speed up for SIC/CTR mode. Provider compatibilty generalisations for EC operations.
- Kenny Root <kenny@the-b.org> patch for issuerAltName, subjectAltName support in X509CertificateObject, BaseBlockCipher.getIV() patch for AEAD.
- Maarten Bodewes <maarten.bodewes@gmail.com> initial implementation of HKDF and NIST SP 800-108 MAC based KDF functions.
- Philip Clay <pilf_b@yahoo.com> Initial implementation of J-PAKE.
- Brian Carlstrom <bdc@carlstrom.com> compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, intial provider PBKDF2WithHmacSHA1 SecretKeyFactory.
- Samuel Lidén Borell <samuel@primekey.se> patch to add DSTU-4145 to DefaultSignatureAlgorithmFinder
- Sergio Demian Lerner <sergiolerner@certimix.com> pointing out isInfinity issue in ECDSASigner signature verification.
- Tim Whittington <Tim.Whittington@orionhealth.com> patch to remove extra init call in CMac, additional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Noekeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInput/OutputStream implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDBCrypt, PGP API documentation and code quality work.
- Marcus Lundblad <marcus.lundblad@primekey.se> patch for working arround JDK jarsigner TSP

bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.

Andrey Zhozhin <zhozhin@xrm.ru> patch for override of TSP SignerInfo attributes.

Sergey Tiunov <t5555d@gmail.com> initial cut of DVCS classes.

Damian Kolasa <fatfredyy@gmail.com> ASN1Sequence patch for class cast issue in X9Curve.

Ash Hughes <ashley.hughes@blueyonder.co.uk> patches for supporting PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().

Daniel Hirscher <dev@daniel-hirscher.de> patch to support parsing of explicit EC parameters in PEM files.

Daniele Ricci <daniele.athome@gmail.com> initial implementation of EC keys for OpenPGP and RFC6637 support.

Matti Aarnio <matti.aarnio@methics.fi> tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes, addition of NONEwithRSA to lightweight RSADigestSigner.

Babak Najafi <bnajafi@akamai.com> fixes to OpenPGP NotationData to prevent truncation problems.

Eric Mueller <eric.mueller@sage.de> additional standard algorithm name lookups in JcaPEMKeyConverter.

Mathias Herberts <Mathias.Herberts@gmail.com> fix to inOff usage in RFC3394WrapEngine.

Daniil Ivanov <daniil.ivanov@gmail.com> addition of provider support for GOST HMAC SecretKeyFactory.

Daniele Grasso <daniele.grasso86@gmail.com> contributions to final Key calculation code for SRP6.

Andrey Utkin <cindrhc@gmail.com> patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.

Arnis Tartu <arnis@ut.ee> checker for generated key vs OID in JceCMSContentEncryptorBuilder.

Axel VDB <axel-vdb@riseup.net> initial implementation of Shacal2.

Roberto Tyley <> further work on completing gradle build.

Waldemar Dick <wdick@devmue.de> code improvement in x500 ASN.1 package.

Sid Steward <sid.steward@pdflabs.com> code improvements to ASN1Boolean.

Alex Klyubin <klyubin@google.com> AlgorithmParameters check for EC key agreement.

Jonathan Gillett <gsoc.student@gmail.com> Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix.

Andreas Reiter <andreas.reiter@iaik.tugraz.at> Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.

Kieran Miller <kieran.miller@gmail.com> initial implementation for RFC 5649 key wrap with padding.

Oliver Ehli <ehli@arago.de> Additional support for BSI plain ECDSA in the provider.

Daniel Heldt <Daniel.Heldt@cryptovision.com> Initial support for encodable state message digests

Robert Bushman <bouncycastle@traxel.com> Clean up of DirectKeySignature example.

Maurice Aarts <aarts@risecure.com> updated to KDF generator to follow NIST SP 800-108.

Franziskus Kiefer <https://github.com/franziskuskiefer> initial implementation of Cramer-Shoup.

KB Sriram <mail_kb@yahoo.com> testing for odd encodings for PGP User Attribute Subpackets.

Marco Schulze <marco@nightlabs.de> Reported verification bug in GenericSigner.

- Martin Schaefer<https://github.com/martinschaefer>; contributed a code-cleanup patch.
- dstutz<https://github.com/dstutz>; added iteration count setters to PKCS#12 PBE mac/key generator builders.
- Tobias Wich<tobias.wich@ecsec.de>; Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.
- Hauke Mehrtens<hauke@hauke-m.de>; TLS patch to add ECDHE_ECDSA CCM ciphersuites from RFC 7251.
- Daniel Zimmerman<dmz@galois.com>; Further key quality improvements to RSAKeyPairGenerator.
- Jens Kapitzka<j.kapitzka@schwarze-allianz.de>; Iterable support in OpenPGP API, code cleanup in OpenPGP API.
- Johan Eklund<johan@primekey.se>; update to RFC 6960 for OCSPObjectIdentifiers.
- nikosn<https://github.com/nikosn>; Fix to encoding of EC private keys to ensure encoding matches order length.
- Axel von dem Bruch <axel-vdb@riseup.net>; Contributions to BCrypt/OpenSDBCrypt, original version of Blake2bDigest.
- Derek Atkins <derek@ihftf.com>; Documentation fixes to X9ObjectIdentifiers.
- Peter Jr Halicky <peto@halicky.sk>; Correction to notification/error message handling in SignedMailValidator.
- IartiguePierre<https://github.com/IartiguePierre>; Fix for counter signature SID in CMSSignedData.
- Thomas Belot<thomas.belot+BC@gmail.com>; initial CertPathLoopTest for demonstrating stack overflow issue.
- Rich DiCroce<https://github.com/rdicroce>; Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.
- Björn Kautler<https://github.com/Vampire>; Refinements to cert path validation (authority key addition, certificate order preservation).
- Dominik Schürmann<https://github.com/dschuermann>; method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.
- Michael <MSKnete@web.de>; initial fix for bitStrength issue for OpenPGP EC keys, correction for generic type on RecipientInformationStore.
- Tobias Wagner <tobias.wagner@n-design.de>; Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536].
- Sergio Giro <sgiro@google.com>; Fixed adding of additional stores from CRL distribution point [#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.
- bschuetter<https://github.com/bschuetter>; Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.
- Leonard Dallot<https://github.com/dallotTazTag>; Fix to S2K usage of none on changing passwords on keys without passwords originally.
- Jan Willem Janssen <j.w.janssen@bouncycastle.nl>; Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial object signer verifier for BC lightweight EC.
- Sebastian Oerding <sebastian.oerding@robotron.de>; Fixes to toString() in x509.CertificatePolicies.
- Kai Kramer <kai.kramer@gmail.com>; Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.
- Benoit Charles <benoit.charles@opentrust.com>; Fix for IES data length check on decryption.
- Niko <nfink95@gmail.com>; fix to cast issue in getOutputSize() for ECIES.
- akwizgran<https://github.com/akwizgran>; Fixed clone of key in Blake2bDigest copy constructor, blake2b

reset issue for variant keys.
Matthias Edelhoff <matthias.edelhoff@cryptovision.com> BasicConstraintsValidation pathlen fix in PKIX certpath classes.
Lukasz Deputat <lukasz.deputat@gmail.com> Fixed bugs in TlsUtils read methods [#BJA-592].
Justin Ludwig <https://github.com/justinludwig> Iterator fix for PGPObjectFactory to handle stream packets at start of iterated data.
Andr e Berenguel <https://github.com/aberenguel> Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi
Slawomir Jaranowski<https://github.com/slawekjaranowski> Patch to make cipher/hash/signature name methods in PGP internal API public.
Andrey Vasilyev<https://github.com/andrey-vasilyev> Initial implementation of GOST R 34.11-2012.
William Glanton <wglanton77@gmail.com> Fixed bug in Poly1305 [#BJA-620].
jdvorak001<https://github.com/jdvorak001> Speed improvements for ASN.1 ObjectIdentifier cache.
Joseph Naegele <jnaegele@gmail.com> Patch for handling multiple certificates in a DANE SMIMEA entry.
Andrew Bonventre<https://github.com/andybons> NullPointer patch for WNafUtil.
The Google Security Team (Project Wycheproof) <https://github.com/google/wycheproof> defect analysis and additional test cases for the provider.
Gorka Irazoqui <girazoki@wpi.edu> from Intel Security Center of Excellence <https://security-center.intel.com/> detection of the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine and finding cache sensitivities in EC key generation/signing.
Joerg Senekowitsch <joerg.senekowitsch@veridos.com> patch to deal with hard coded boolean in EAC ECDSAPublicKey.
Alexandr Krivoshta <wipe@ya.ru> N4 calculation fix to GOFB mode.
Artem Storozhuk <storojs72@gmail.com> N4 calculation fix to GOFB mode.
Na Yu <na.yu@samsung.com> Constructor patches to CMC PKIData.
Evangelos Karatsiolis <ekaratsiolis@mtg.de> Corrected use of explicit tagging in X.509 PolicyConstraints class.
VivleSoren <https://github.com/VivleSoren> additional constructor for McElieceCCA2PrivateKeyParameters.
mtausig <https://github.com/mtausig> JavaDoc fix for MCSEncryptedDataGenerator.
Anders Schack-Mulligen <https://github.com/aschackmull> code cleanups for CMSSignedDataParser, BrokenKDF2BytesGenerator.
Sebastian Wolfgang Roland <sebastianwolfgang.roland@stud.tu-darmstadt.de> Initial XMSS/XMSS-MT implementation.
didisoft <https://github.com/didisoft> test code for PGP signature removal involving user ids.
Mike Safonov<https://github.com/MikeSafonov> initial implementation of GOST3410-2012 for light weight provider and JCA, parameters patches for ECGOST keys, initial implementation of GOST3412-2015, addition of fromExtensions() for CRLDistPoint.
Artem Storozhuk <storojs72@gmail.com> initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes.
Andreas Glaser <andreas.glaser@gi-de.com> patch to recognise ANSSI curves for PKCS#10 requests.
codeborne <https://github.com/cbyp> patch to correct OIDs used in public key digest parameters for ECGOST-2012.
FauxFaux <https://github.com/FauxFaux> patch for JDK 1.9 update to DRBG.java.
4garbage <https://github.com/4garbage> patch to allow GOST3410-94 private keys encoded as

integers.
ekszz <https://github.com/ekszz> corrections to SM2 signer to include default identity value.
jminer <https://github.com/jminer> fix to Blake2b for hashes in range of 2**64-127 to 2**64.
str4d <https://github.com/str4d> initial implementation of Blake2s
Scott Woodward <scott@#064bit3consulting.com> performance fixes for CTRSP800DRBG.
David Strawn <https://github.com/isomarcte> fix for off by one error in SCRYPT bounds checking.
chris mccown <0xchrismccown@#064gmail.com> identification of serialisation issue with XMSS/XMSSMT private keys (see also CVE-2018-1000613).
ZZMarquis <https://github.com/ZZMarquis> offset patches for SM2 encryption and decryption, improvement to Array constant time comparison.
Andreas Kretschmer <https://github.com/Akretsch> NPE fix for CertTemplate.getVersion()
Armin Lunkeit, Michael Tautenhahn <> identification of M-R test issue on higher certainty values in RSA key pair generation.
Vincent Breitmoser <https://github.com/Valodim> fix to ignore unnecessary checksum calculator on PGP secret key encryption.
Adam Vartanian <https://github.com/flooeey> use of ShortBuffer exception and buffer size pre-check in Cipher.doFinal().
Bernd <https://github.com/ecki> Fix to make PGPUtil.pipeFileContents use buffer and not leak file handle.
Shartung <https://github.com/shartung> Additional EC Key Agreement algorithms in support of German BSI TR-03111.
Paul Schaub <https://github.com/vanitasvitae> bringing PGPSecretKey.getUserIds() into line with PGPPublicKey.getUserIds(). Exception message fix in BcPublicKeyDataDecryptorFactory. Additional tests on PGP key ring generation.
Nick of Nexxar <https://github.com/nros> update to OpenPGP package to handle a broader range of EC curves.
catbref <https://github.com/catbref> sample implementation of RFC 7748/Ed25519 (incorporated work from github users Valodim and str4d as well).
gerlion <https://github.com/gerlion> detection of concurrency issue with pre-1.60 EC math library.
fgrieu <fgrieu@#064gmail.com> identification and suggested fixes for possible timing vulnerability in OAEP encoding and RSACoreEngine.
MTG <https://github.com/mtgag> patch for decoding issues in PKIPublicationInfo and CertifiedKeyPair.
Andreas Gadermaier <up.gadermaier@#064gmail.com> initial version of Argon2 PBKDF algorithm.
Tony Washer <tony.washer@yahoo.co.uk> review of qTesla, Java 1.9 module code, additional test code and debugging for GOST, DSTU, and ECNR algorithms. Initial lightweight implementation of the ZUC ciphers and macs.
Vincent Bouckaert <https://github.com/veebee> initial version of RFC 4998 ASN.1 classes.
Tony Washer <https://github.com/tonywasher> ECIESKeyEncapsulation fix for use of OldCofactor mode. Submitted ChaCha20Poly1305 prototype.
Aurimas Liutikas <https://github.com/liutikas> JavaDoc patches to ReasonsMask.
Gabriel Sroka <https://github.com/gabrielsroka> corrected comments in RSA validation.
sarah-mdv <https://github.com/sarah-mdv> improvements to JceKeyTransRecipientInfoGenerator, tests for JournalingSecureRandom, initial implementation of JournaledAlgorithm.
Jesse Feinman <https://github.com/jessefeinman> performance optimisation in RSAKeyParameters.
Gilis95 <https://github.com/Gilis95> improved JSSE compatibility for setEnabledCipherSuites.
Haemin Yoo <https://github.com/yoohaemin> Javadoc fixes.
Antoine Toulme <https://github.com/atoulme> Initial implementation of EthereumIESEngine.

- Golden Looly <https://github.com/looly> Patch for addition of C1C3C2 mode to SM2Engine.
- Moses Palmér, TrueSec <Henrik.Palmer@truesec.se> Additional improvements to constant time comparisons.
- René Korthaus<https://github.com/securitykernel> Update to XMSS/XMSS^MT OID values to bring them in line with RFC 8391.
- THausherr<https://github.com/THausherr> Addition generic support for CMS/TSP functions.
- Gaylor Bosson<https://github.com/Gilthoniel> Initial implementation of Blake2xs.
- gaellalire<https://github.com/gaellalire> Patch for unprotected PGP private keys as SExpr.
- im-scooter<https://github.com/im-scooter> Patch for case-insensitive behaviour of Param-Z.
- Nick hitchan<https://github.com/hitchan> Fix for typo in engineInitSign() in EdEc SignatureSpi.
- dbusche<https://github.com/dbusche> Argon2 optimisations.
- Daniel Heldt<https://github.com/dheldt> Fixing encodings in unicode tests to allow a wider range of Java compilers to work. Tweak to inheritance in IceKeyAgreeRecipient.
- Ugochukwu Mmaduekwe<https://github.com/Xor-el> Fix for initially bugged legacy Integers.numberOfLeadingZeros method.
- Gsealy <https://github.com/Gsealy> addition of PBKDF2withHmacSM3 to the provider.
- aphuang2013 <https://github.com/aphuang2013> update to path validation in EST service for ClearPath EST.
- Kevin Herron <https://github.com/kevinherron> Initial ChaCha20Poly1305 prototype.
- vkreml <https://github.com/svkreml> GOST compliance change for DefaultCMSSignatureEncryptionAlgorithmFinder.
- Tobias Ospelt >tobias@pentagrid.ch< Identification of 1.63 regression in ASN.1 parsing.

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1.219 jackson-module-jaxb-annotations 2.9.10

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1.220 tcp-dump 4.9.2-4.el7_7.1

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1.221 cronie 1.4.11 23.el7

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* @(#)bitstring.h 8.1 (Berkeley) 7/19/93

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1.222 jersey-hk2 2.29

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1.225 libsemanage 2.5 14.el7

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1.226 grep 2.20 3.el7

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

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1.227 openstack4j-core 3.6

1.227.1 Available under license :

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

```
public Domain getDomain() {
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-
jar/org/openstack4j/openstack/identity/v3/domain/KeystoneProject.java
```

```
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-
jar/org/openstack4j/openstack/identity/v3/domain/KeystoneUser.java
```

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```
public DomainBuilder toBuilder() {
public DomainConcreteBuilder() {
public Domain build() {
public DomainBuilder from(Domain in) {
public DomainBuilder id(String id) {
public DomainBuilder description(String description) {
public DomainBuilder name(String name) {
public DomainBuilder options(Map<String, String> options) {
```



```
public DomainBuilder links(Map<String, String> links) {
public DomainBuilder enabled(boolean enabled) {
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-
jar/org/openstack4j/openstack/identity/v3/domain/KeystoneDomain.java
```

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```
/**
```

```
 * Creates or Updates a PUBLIC domain name record
```

```
 *
```

```
 * @param domainName the FQ Domain name
```

```
 * @param project the project name
```

```
 * @return the created/updated domain entry
```

```
 */
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-
jar/org/openstack4j/api/compute/ext/FloatingIPDNSDomainService.java
```

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```
public Domain getDomain() {
```

```
public Domain getDomain() {
```

```
public Domain getDomain() {
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-
jar/org/openstack4j/openstack/identity/v3/domain/KeystoneAuth.java
```

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```
public DomainEntry createPublic(String domainName, String project) {
```

```
public DomainEntry createPrivate(String domainName, String availabilityZone) {
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-
jar/org/openstack4j/openstack/compute/internal/ext/FloatingIPDNSDomainServiceImpl.java
```

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```
public DomainService domains() {
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-
jar/org/openstack4j/openstack/identity/v3/internal/IdentityServiceImpl.java
```

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```
/*
```

```
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```

```
 *
```

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Found in path(s):

- * /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/heat/domain/HeatResourceHealth.java
- * /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/model/heat/ResourceHealth.java

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```
package org.openstack4j.openstack.identity.v3.internal;
```

```
import static com.google.common.base.Preconditions.checkNotNull;
import static org.openstack4j.core.transport.ClientConstants.PATH_DOMAINS;
```

```
import java.util.List;
```

```
import org.openstack4j.api.identity.v3.DomainService;
import org.openstack4j.model.common.ActionResponse;
import org.openstack4j.model.identity.v3.Domain;
import org.openstack4j.openstack.identity.v3.domain.KeystoneDomain;
import org.openstack4j.openstack.identity.v3.domain.KeystoneDomain.Domains;
```

```
public class DomainServiceImpl extends BaseIdentityServices implements DomainService {
```

```
    @Override
```

```
    public Domain create(Domain domain) {
        checkNotNull(domain);
        return post(KeystoneDomain.class, PATH_DOMAINS).entity(domain).execute();
    }
```

```
    @Override
```

```
    public Domain create(String name, String description, boolean enabled) {
        checkNotNull(name);
        checkNotNull(description);
        checkNotNull(enabled);
        return create(KeystoneDomain.builder().name(name).description(description).enabled(enabled).build());
    }
```

```

@Override
public Domain update(Domain domain) {
    checkNotNull(domain);
    return patch(KeystoneDomain.class, PATH_DOMAINS, "/", domain.getId()).entity(domain).execute();
}

```

```

@Override
public Domain get(String domainId) {
    checkNotNull(domainId);
    return get(KeystoneDomain.class, PATH_DOMAINS, "/", domainId).execute();
}

```

```

@Override
public List<? extends Domain> getByName(String domainName) {
    checkNotNull(domainName);
    return get(Domains.class, uri(PATH_DOMAINS)).param("name", domainName).execute().getList();
}

```

```

@Override
public ActionResponse delete(String domainId) {
    checkNotNull(domainId);
    return deleteWithResponse(PATH_DOMAINS, "/", domainId).execute();
}

```

```

@Override
public List<? extends Domain> list() {
    return get(Domains.class, uri(PATH_DOMAINS)).execute().getList();
}

```

```

}

```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/identity/v3/internal/DomainServiceImpl.java

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

```

public Domain getUserDomain(String userId) {

```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/identity/v3/internal/UserServiceImpl.java

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```

public DomainBuilder domain();

```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-

jar/org/openstack4j/model/identity/v3/builder/IdentityV3Builders.java

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/**

* The Interface FloatingIP.

*

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*

* @author nanderson

*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/model/network/FloatingIP.java

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```
public DomainBuilder domain() {
```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1046049046_1589824782.44/0/openstack4j-core-3-6-sources-jar/org/openstack4j/openstack/identity/v3/builder/KeystoneV3Builders.java

1.228 ant-junit4 1.8.4

1.228.1 Available under license :

/*

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*

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2000-05-05

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1.229 swagger-jaxrs 1.5.16

1.230 govpmomi 0.18.0

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*/

package license

```
import (  
    "fmt"  
    "io"  
    "os"  
    "text/tabwriter"  
  
    "github.com/vmware/govmomi/vim25/types"  
)  
  
type licenseOutput []types.LicenseManagerLicenseInfo  
  
func (res licenseOutput) Write(w io.Writer) error {  
    tw := tabwriter.NewWriter(os.Stdout, 4, 0, 2, ' ', 0)  
    fmt.Fprintf(tw, "Key:\tEdition:\tUsed:\tTotal:\n")  
    for _, v := range res {  
        fmt.Fprintf(tw, "%s\t", v.LicenseKey)  
        fmt.Fprintf(tw, "%s\t", v.EditionKey)  
        fmt.Fprintf(tw, "%d\t", v.Used)  
        fmt.Fprintf(tw, "%d\t", v.Total)  
        fmt.Fprintf(tw, "\n")  
    }  
    return tw.Flush()  
}
```

```

}
#!/usr/bin/env bats

load test_helper

# These tests should only run against a server running an evaluation license.
verify_evaluation() {
if [ "$(govc license.ls -json | jq -r .[0].EditionKey)" != "eval" ]; then
    skip "requires evaluation license"
fi
}

get_key() {
jq ".[] | select(.LicenseKey == \"\$1\")"
}

get_property() {
jq -r ".Properties[] | select(.Key == \"\$1\") | .Value"
}

@test "license.add" {
    esx_env

    verify_evaluation

    run govc license.add -json 00000-00000-00000-00000-00001 00000-00000-00000-00000-00002
    assert_success

    # Expect to see an entry for both the first and the second key
    assert_equal "License is not valid for this product" "$(get_key 00000-00000-00000-00000-00001 <<<${output} |
get_property diagnostic)"
    assert_equal "License is not valid for this product" "$(get_key 00000-00000-00000-00000-00002 <<<${output} |
get_property diagnostic)"
}

@test "license.remove" {
    esx_env

    verify_evaluation

    run govc license.remove -json 00000-00000-00000-00000-00001
    assert_success
}

@test "license.ls" {
    vcsim_env

    verify_evaluation

```



```
run govc license.ls -json
assert_success

# Expect the test instance to run in evaluation mode
assert_equal "Evaluation Mode" "$(get_key 00000-00000-00000-00000-00000 <<<<$output | jq -r ".Name")"
}

@test "license.decode" {
  esx_env

  verify_evaluation

  key=00000-00000-00000-00000-00000
  assert_equal "eval" $(govc license.decode $key | grep $key | awk '{print $2}')
}
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```

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*/

package license

```
import (  
    "context"  
    "flag"  
  
    "github.com/vmware/govmomi/govc/cli"  
    "github.com/vmware/govmomi/govc/flags"
```

```

"github.com/vmware/govmomi/license"
)

type decode struct {
    *flags.ClientFlag
    *flags.OutputFlag

    feature string
}

func init() {
    cli.Register("license.decode", &decode{})
}

func (cmd *decode) Register(ctx context.Context, f *flag.FlagSet) {
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
    cmd.ClientFlag.Register(ctx, f)

    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
    cmd.OutputFlag.Register(ctx, f)

    f.StringVar(&cmd.feature, "feature", "", featureUsage)
}

func (cmd *decode) Process(ctx context.Context) error {
    if err := cmd.ClientFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.OutputFlag.Process(ctx); err != nil {
        return err
    }
    return nil
}

func (cmd *decode) Usage() string {
    return "KEY..."
}

func (cmd *decode) Run(ctx context.Context, f *flag.FlagSet) error {
    client, err := cmd.Client()
    if err != nil {
        return err
    }

    var result license.InfoList
    m := license.NewManager(client)
    for _, v := range f.Args() {
        license, err := m.Decode(ctx, v)
    }
}

```

```

if err != nil {
    return err
}

result = append(result, license)
}

if cmd.feature != "" {
    result = result.WithFeature(cmd.feature)
}

return cmd.WriteResult(licenseOutput(result))
}
/*
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```

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*/

```
package simulator
```

```

import (
    "context"
    "reflect"
    "testing"

    "github.com/vmware/govmomi"
    "github.com/vmware/govmomi/find"
    "github.com/vmware/govmomi/license"
)

func TestLicenseManagerVPX(t *testing.T) {
    ctx := context.Background()
    m := VPX()

    defer m.Remove()

    err := m.Create()

```



```

if err != nil {
    t.Fatal(err)
}

s := m.Service.NewServer()
defer s.Close()

c, err := govmomi.NewClient(ctx, s.URL, true)
if err != nil {
    t.Fatal(err)
}

lm := license.NewManager(c.Client)
am, err := lm.AssignmentManager(ctx)
if err != nil {
    t.Fatal(err)
}

la, err := am.QueryAssigned(ctx, "enoent")
if err != nil {
    t.Fatal(err)
}

if len(la) != 0 {
    t.Errorf("unexpected license")
}

finder := find.NewFinder(c.Client, false)
hosts, err := finder.HostSystemList(ctx, "/...")
if err != nil {
    t.Fatal(err)
}

host := hosts[0].Reference().Value
vcid := c.Client.ServiceContent.About.InstanceUuid

for _, name := range []string{"", host, vcid} {
    la, err = am.QueryAssigned(ctx, name)
    if err != nil {
        t.Fatal(err)
    }

    if len(la) != 1 {
        t.Fatal("no licenses")
    }

    if !reflect.DeepEqual(la[0].AssignedLicense, EvalLicense) {
        t.Fatal("invalid license")
    }
}

```

```

    }
    }
}

func TestLicenseManagerESX(t *testing.T) {
    ctx := context.Background()
    m := ESX()

    defer m.Remove()

    err := m.Create()
    if err != nil {
        t.Fatal(err)
    }

    s := m.Service.NewServer()
    defer s.Close()

    c, err := govmmomi.NewClient(ctx, s.URL, true)
    if err != nil {
        t.Fatal(err)
    }

    lm := license.NewManager(c.Client)
    _, err = lm.AssignmentManager(ctx)
    if err == nil {
        t.Fatal("expected error")
    }

    la, err := lm.List(ctx)
    if err != nil {
        t.Fatal(err)
    }

    if len(la) != 1 {
        t.Fatal("no licenses")
    }

    if !reflect.DeepEqual(la[0], EvalLicense) {
        t.Fatal("invalid license")
    }
}

func TestAddRemoveLicense(t *testing.T) {
    ctx := context.Background()
    m := ESX()

    defer m.Remove()

```

```

err := m.Create()
if err != nil {
    t.Fatal(err)
}

s := m.Service.NewServer()
defer s.Close()

c, err := govmmomi.NewClient(ctx, s.URL, true)
if err != nil {
    t.Fatal(err)
}

lm := license.NewManager(c.Client)
key := "00000-00000-00000-00000-11111"
labels := map[string]string{"key": "value"}

info, err := lm.Add(ctx, key, labels)
if err != nil {
    t.Fatal(err)
}

if info.LicenseKey != key {
    t.Fatalf("expect info.LicenseKey equal to %q; got %q", key, info.LicenseKey)
}

if len(info.Labels) != len(labels) {
    t.Fatalf("expect len(info.Labels) equal to %d; got %d",
        len(labels), len(info.Labels))
}

if info.Labels[0].Key != "key" || info.Labels[0].Value != "value" {
    t.Fatalf("expect label to be {key:value}; got {%s:%s}",
        info.Labels[0].Key, info.Labels[0].Value)
}

la, err := lm.List(ctx)
if err != nil {
    t.Fatal(err)
}

if len(la) != 2 {
    t.Fatal("no licenses")
}

if la[1].LicenseKey != key {
    t.Fatalf("expect info.LicenseKey equal to %q; got %q",

```

```

    key, la[1].LicenseKey)
}

if len(la[1].Labels) != len(labels) {
    t.Fatalf("expect len(info.Labels) equal to %d; got %d",
        len(labels), len(la[1].Labels))
}

if la[1].Labels[0].Key != "key" || la[1].Labels[0].Value != "value" {
    t.Fatalf("expect label to be {key:value}; got {%s:%s}",
        la[1].Labels[0].Key, la[1].Labels[0].Value)
}

err = lm.Remove(ctx, key)
if err != nil {
    t.Fatal(err)
}

la, err = lm.List(ctx)
if err != nil {
    t.Fatal(err)
}

if len(la) != 1 {
    t.Fatal("no licenses")
}
}

```

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*/

package license

```
import (  
  "context"  
  "flag"
```

```

"github.com/vmware/govmomi/govc/cli"
"github.com/vmware/govmomi/govc/flags"
"github.com/vmware/govmomi/license"
)

type remove struct {
    *flags.ClientFlag
    *flags.OutputFlag
}

func init() {
    cli.Register("license.remove", &remove{ })
}

func (cmd *remove) Register(ctx context.Context, f *flag.FlagSet) {
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
    cmd.ClientFlag.Register(ctx, f)

    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
    cmd.OutputFlag.Register(ctx, f)
}

func (cmd *remove) Process(ctx context.Context) error {
    if err := cmd.ClientFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.OutputFlag.Process(ctx); err != nil {
        return err
    }
    return nil
}

func (cmd *remove) Usage() string {
    return "KEY..."
}

func (cmd *remove) Run(ctx context.Context, f *flag.FlagSet) error {
    client, err := cmd.Client()
    if err != nil {
        return err
    }

    m := license.NewManager(client)
    for _, v := range f.Args() {
        err = m.Remove(ctx, v)
        if err != nil {
            return err
        }
    }
}

```

```
}
```

```
return nil
```

```
}
```

```
/*
```

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```
*/
```

```
package license
```

```
import (
```

```
    "context"
```

```
    "flag"
```

```
    "fmt"
```

```
    "io"
```

```
    "os"
```

```
    "text/tabwriter"
```

```
    "github.com/vmware/govmomi/govc/cli"
```

```
    "github.com/vmware/govmomi/govc/flags"
```

```
    "github.com/vmware/govmomi/license"
```

```
    "github.com/vmware/govmomi/vim25/types"
```

```
)
```

```
type assigned struct {
```

```
    *flags.ClientFlag
```

```
    *flags.OutputFlag
```

```
    id string
```

```
}
```

```
func init() {
```

```
    cli.Register("license.assigned.ls", &assigned{ })
```

```
}
```

```
func (cmd *assigned) Register(ctx context.Context, f *flag.FlagSet) {
```

```

cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
cmd.ClientFlag.Register(ctx, f)

cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
cmd.OutputFlag.Register(ctx, f)

f.StringVar(&cmd.id, "id", "", "Entity ID")
}

func (cmd *assigned) Process(ctx context.Context) error {
if err := cmd.ClientFlag.Process(ctx); err != nil {
return err
}
if err := cmd.OutputFlag.Process(ctx); err != nil {
return err
}
return nil
}

func (cmd *assigned) Run(ctx context.Context, f *flag.FlagSet) error {
client, err := cmd.Client()
if err != nil {
return err
}

m, err := license.NewManager(client).AssignmentManager(ctx)
if err != nil {
return err
}

assigned, err := m.QueryAssigned(ctx, cmd.id)
if err != nil {
return err
}

return cmd.WriteResult(assignedOutput(assigned))
}

type assignedOutput []types.LicenseAssignmentManagerLicenseAssignment

func (res assignedOutput) Write(w io.Writer) error {
tw := tabwriter.NewWriter(os.Stdout, 4, 0, 2, ' ', 0)
fmt.Fprintf(tw, "Id:\tScope:\tName:\tLicense:\n")
for _, v := range res {
fmt.Fprintf(tw, "%s\t", v.EntityId)
fmt.Fprintf(tw, "%s\t", v.Scope)
fmt.Fprintf(tw, "%s\t", v.EntityDisplayName)
fmt.Fprintf(tw, "%s\t", v.AssignedLicense.LicenseKey)
}
}

```



```
    fmt.Fprintf(tw, "\n")
}
return tw.Flush()
}
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```

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/*

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*/

package license

```
import (  
    "context"  
    "strconv"  
    "strings"  
  
    "github.com/vmware/govmomi/object"  
    "github.com/vmware/govmomi/vim25"  
    "github.com/vmware/govmomi/vim25/methods"  
    "github.com/vmware/govmomi/vim25/mo"  
    "github.com/vmware/govmomi/vim25/types"  
)  
  
type Manager struct {  
    object.Common  
}  
  
func NewManager(c *vim25.Client) *Manager {  
    m := Manager{  
        object.NewCommon(c, *c.ServiceContent.LicenseManager),  
    }  
  
    return &m  
}  
  
func mapToKeyValueSlice(m map[string]string) []types.KeyValue {  
    var r []types.KeyValue
```

```

for k, v := range m {
    r = append(r, types.KeyValue{Key: k, Value: v})
}
return r
}

func (m Manager) Add(ctx context.Context, key string, labels map[string]string)
(types.LicenseManagerLicenseInfo, error) {
    req := types.AddLicense{
        This:    m.Reference(),
        LicenseKey: key,
        Labels:  mapToKeyValueSlice(labels),
    }

    res, err := methods.AddLicense(ctx, m.Client(), &req)
    if err != nil {
        return types.LicenseManagerLicenseInfo{ }, err
    }

    return res.Returnval, nil
}

func (m Manager) Decode(ctx context.Context, key string) (types.LicenseManagerLicenseInfo, error) {
    req := types.DecodeLicense{
        This:    m.Reference(),
        LicenseKey: key,
    }

    res, err := methods.DecodeLicense(ctx, m.Client(), &req)
    if err != nil {
        return types.LicenseManagerLicenseInfo{ }, err
    }

    return res.Returnval, nil
}

func (m Manager) Remove(ctx context.Context, key string) error {
    req := types.RemoveLicense{
        This:    m.Reference(),
        LicenseKey: key,
    }

    _, err := methods.RemoveLicense(ctx, m.Client(), &req)
    return err
}

func (m Manager) Update(ctx context.Context, key string, labels map[string]string)
(types.LicenseManagerLicenseInfo, error) {

```

```

req := types.UpdateLicense{
    This:    m.Reference(),
    LicenseKey: key,
    Labels:  mapToKeyValueSlice(labels),
}

res, err := methods.UpdateLicense(ctx, m.Client(), &req)
if err != nil {
    return types.LicenseManagerLicenseInfo{ }, err
}

return res.Returnval, nil
}

func (m Manager) List(ctx context.Context) (InfoList, error) {
    var mlm mo.LicenseManager

    err := m.Properties(ctx, m.Reference(), []string{"licenses"}, &mlm)
    if err != nil {
        return nil, err
    }

    return InfoList(mlm.Licenses), nil
}

func (m Manager) AssignmentManager(ctx context.Context) (*AssignmentManager, error) {
    var mlm mo.LicenseManager

    err := m.Properties(ctx, m.Reference(), []string{"licenseAssignmentManager"}, &mlm)
    if err != nil {
        return nil, err
    }

    if mlm.LicenseAssignmentManager == nil {
        return nil, object.ErrNotSupported
    }

    am := AssignmentManager{
        object.NewCommon(m.Client(), *mlm.LicenseAssignmentManager),
    }

    return &am, nil
}

type licenseFeature struct {
    name string
    level int
}

```

```

func parseLicenseFeature(feature string) *licenseFeature {
    lf := new(licenseFeature)

    f := strings.Split(feature, ":")

    lf.name = f[0]

    if len(f) > 1 {
        var err error
        lf.level, err = strconv.Atoi(f[1])
        if err != nil {
            lf.name = feature
        }
    }

    return lf
}

func HasFeature(license types.LicenseManagerLicenseInfo, key string) bool {
    feature := parseLicenseFeature(key)

    for _, p := range license.Properties {
        if p.Key != "feature" {
            continue
        }

        kv, ok := p.Value.(types.KeyValue)

        if !ok {
            continue
        }

        lf := parseLicenseFeature(kv.Key)

        if lf.name == feature.name && lf.level >= feature.level {
            return true
        }
    }

    return false
}

// InfoList provides helper methods for []types.LicenseManagerLicenseInfo
type InfoList []types.LicenseManagerLicenseInfo

func (l InfoList) WithFeature(key string) InfoList {
    var result InfoList

```

```
for _, license := range l {
    if HasFeature(license, key) {
        result = append(result, license)
    }
}
```

```
return result
}
```

```
/*
```

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```
*/
```

```
package license
```

```
import (
    "context"
```

```
    "github.com/vmware/govmomi/object"
    "github.com/vmware/govmomi/vim25/methods"
    "github.com/vmware/govmomi/vim25/types"
)
```

```
type AssignmentManager struct {
    object.Common
}
```

```
func (m AssignmentManager) QueryAssigned(ctx context.Context, id string)
([]types.LicenseAssignmentManagerLicenseAssignment, error) {
    req := types.QueryAssignedLicenses{
        This: m.Reference(),
        EntityId: id,
    }
}
```

```
res, err := methods.QueryAssignedLicenses(ctx, m.Client(), &req)
if err != nil {
```

```

    return nil, err
}

return res.Returnval, nil
}

func (m AssignmentManager) Remove(ctx context.Context, id string) error {
    req := types.RemoveAssignedLicense{
        This:    m.Reference(),
        EntityId: id,
    }

    _, err := methods.RemoveAssignedLicense(ctx, m.Client(), &req)

    return err
}

func (m AssignmentManager) Update(ctx context.Context, id string, key string, name string)
(*types.LicenseManagerLicenseInfo, error) {
    req := types.UpdateAssignedLicense{
        This:      m.Reference(),
        Entity:    id,
        LicenseKey: key,
        EntityDisplayName: name,
    }

    res, err := methods.UpdateAssignedLicense(ctx, m.Client(), &req)
    if err != nil {
        return nil, err
    }

    return &res.Returnval, nil
}
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*/

```



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```

```
package simulator
```

```
import (
    "github.com/vmware/govmomi/object"
    "github.com/vmware/govmomi/vim25/methods"
    "github.com/vmware/govmomi/vim25/mo"
    "github.com/vmware/govmomi/vim25/soap"
    "github.com/vmware/govmomi/vim25/types"
)

// EvalLicense is the default license
var EvalLicense = types.LicenseManagerLicenseInfo{
    LicenseKey: "00000-00000-00000-00000-00000",
    EditionKey: "eval",
    Name:      "Evaluation Mode",
    Properties: []types.KeyAnyValue{
        {
            Key: "feature",
            Value: types.KeyValue{
                Key: "serialuri:2",
                Value: "Remote virtual Serial Port Concentrator",
            },
        },
        {
            Key: "feature",
            Value: types.KeyValue{
                Key: "dvs",
                Value: "vSphere Distributed Switch",
            },
        },
    },
}

type LicenseManager struct {
```

```

mo.LicenseManager
}

func NewLicenseManager(ref types.ManagedObjectReference) object.Reference {
m := &LicenseManager{ }
m.Self = ref
m.Licenses = []types.LicenseManagerLicenseInfo{EvalLicense }

if Map.IsVPX() {
am := Map.Put(&LicenseAssignmentManager{ }).Reference()
m.LicenseAssignmentManager = &am
}

return m
}

func (m *LicenseManager) AddLicense(req *types.AddLicense) soap.HasFault {
body := &methods.AddLicenseBody{
Res: &types.AddLicenseResponse{ },
}

for _, license := range m.Licenses {
if license.LicenseKey == req.LicenseKey {
body.Res.Returnval = licenseInfo(license.LicenseKey, license.Labels)
return body
}
}

m.Licenses = append(m.Licenses, types.LicenseManagerLicenseInfo{
LicenseKey: req.LicenseKey,
Labels: req.Labels,
})

body.Res.Returnval = licenseInfo(req.LicenseKey, req.Labels)

return body
}

func (m *LicenseManager) RemoveLicense(req *types.RemoveLicense) soap.HasFault {
body := &methods.RemoveLicenseBody{
Res: &types.RemoveLicenseResponse{ },
}

for i, license := range m.Licenses {
if req.LicenseKey == license.LicenseKey {
m.Licenses = append(m.Licenses[:i], m.Licenses[i+1:]...)
return body
}
}
}

```

```

}
return body
}

type LicenseAssignmentManager struct {
    mo.LicenseAssignmentManager
}

func (m *LicenseAssignmentManager) QueryAssignedLicenses(req *types.QueryAssignedLicenses) soap.HasFault
{
    body := &methods.QueryAssignedLicensesBody{
        Res: &types.QueryAssignedLicensesResponse{ },
    }

    // EntityId can be a HostSystem or the vCenter InstanceUuid
    if req.EntityId != "" {
        if req.EntityId != Map.content().About.InstanceUuid {
            id := types.ManagedObjectReference{
                Type: "HostSystem",
                Value: req.EntityId,
            }

            if Map.Get(id) == nil {
                return body
            }
        }
    }

    body.Res.Returnval = []types.LicenseAssignmentManagerLicenseAssignment{
        {
            EntityId: req.EntityId,
            AssignedLicense: EvalLicense,
        },
    }

    return body
}

func licenseInfo(key string, labels []types.KeyValue) types.LicenseManagerLicenseInfo {
    info := EvalLicense

    info.LicenseKey = key
    info.Labels = labels

    return info
}

```

Paul Borman <borman@google.com>

bmatsuo

```
shawnp  
theory  
jboverfelt  
dsymonds  
cd1  
wallclockbuilder  
dansouza  
/*
```

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```
*/
```

```
package license
```

```
import (  
    "context"  
    "flag"  
    "fmt"  
  
    "github.com/vmware/govmomi/govc/cli"  
    "github.com/vmware/govmomi/govc/flags"  
    "github.com/vmware/govmomi/license"  
    "github.com/vmware/govmomi/vim25/types"  
)  
  
type add struct {  
    *flags.ClientFlag  
    *flags.OutputFlag  
}  
  
func init() {  
    cli.Register("license.add", &add{ })  
}  
  
func (cmd *add) Register(ctx context.Context, f *flag.FlagSet) {  
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)  
    cmd.ClientFlag.Register(ctx, f)
```

```

cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
cmd.OutputFlag.Register(ctx, f)
}

func (cmd *add) Process(ctx context.Context) error {
if err := cmd.ClientFlag.Process(ctx); err != nil {
return err
}
if err := cmd.OutputFlag.Process(ctx); err != nil {
return err
}
return nil
}

func (cmd *add) Usage() string {
return "KEY..."
}

func (cmd *add) Run(ctx context.Context, f *flag.FlagSet) error {
client, err := cmd.Client()
if err != nil {
return err
}

m := license.NewManager(client)

// From the vSphere 5.5 documentation:
//
// To specify the edition type and any optional functions, use
// updateLicense for ESX Server and addLicense follow by
// LicenseAssingmentManager.updateAssignedLicense for VirtualCenter.
//
var addFunc func(ctx context.Context, key string, labels map[string]string) (types.LicenseManagerLicenseInfo,
error)
switch t := client.ServiceContent.About.ApiType; t {
case "HostAgent":
addFunc = m.Update
case "VirtualCenter":
addFunc = m.Add
default:
return fmt.Errorf("unsupported ApiType: %s", t)
}

result := make(licenseOutput, 0)
for _, v := range f.Args() {
license, err := addFunc(ctx, v, nil)
if err != nil {

```

```

    return err
}

result = append(result, license)
}

return cmd.WriteResult(licenseOutput(result))
}
/*
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```

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```
*/
```

```
package license
```

```
import (
    "context"
    "flag"

    "github.com/vmware/govmomi/govc/cli"
    "github.com/vmware/govmomi/govc/flags"
    "github.com/vmware/govmomi/license"
    "github.com/vmware/govmomi/vim25/types"
)
```

```
type assign struct {
    *flags.ClientFlag
    *flags.OutputFlag
    *flags.HostSystemFlag
    *flags.ClusterFlag

```

```

    name string
    remove bool
}

```

```

func init() {
    cli.Register("license.assign", &assign{ })
}

```

```

}

func (cmd *assign) Register(ctx context.Context, f *flag.FlagSet) {
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
    cmd.ClientFlag.Register(ctx, f)

    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
    cmd.OutputFlag.Register(ctx, f)

    cmd.HostSystemFlag, ctx = flags.NewHostSystemFlag(ctx)
    cmd.HostSystemFlag.Register(ctx, f)

    cmd.ClusterFlag, ctx = flags.NewClusterFlag(ctx)
    cmd.ClusterFlag.Register(ctx, f)

    f.StringVar(&cmd.name, "name", "", "Display name")
    f.BoolVar(&cmd.remove, "remove", false, "Remove assignment")
}

```

```

func (cmd *assign) Process(ctx context.Context) error {
    if err := cmd.ClientFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.OutputFlag.Process(ctx); err != nil {
        return err
    }
    if err := cmd.HostSystemFlag.Process(ctx); err != nil {
        return err
    }
    return cmd.ClusterFlag.Process(ctx)
}

```

```

func (cmd *assign) Usage() string {
    return "KEY"
}

```

```

func (cmd *assign) Description() string {
    return `Assign licenses to HOST or CLUSTER.

```

Examples:

```

govc license.assign $VCSA_LICENSE_KEY
govc license.assign -host a_host.example.com $ESX_LICENSE_KEY
govc license.assign -cluster a_cluster $VSAN_LICENSE_KEY`
}

```

```

func (cmd *assign) Run(ctx context.Context, f *flag.FlagSet) error {
    if f.NArg() != 1 {
        return flag.ErrHelp
    }
}

```

```

}

key := f.Arg(0)

client, err := cmd.Client()
if err != nil {
    return err
}

m, err := license.NewManager(client).AssignmentManager(ctx)
if err != nil {
    return err
}

host, err := cmd.HostSystemIfSpecified()
if err != nil {
    return err
}

var id string

if host == nil {
    cluster, cerr := cmd.ClusterIfSpecified()
    if cerr != nil {
        return cerr
    }
    if cluster == nil {
        // Default to vCenter UUID
        id = client.ServiceContent.About.InstanceUuid
    } else {
        id = cluster.Reference().Value
    }
} else {
    id = host.Reference().Value
}

if cmd.remove {
    return m.Remove(ctx, id)
}

info, err := m.Update(ctx, id, key, cmd.name)
if err != nil {
    return err
}

return cmd.WriteResult(licenseOutput([]types.LicenseManagerLicenseInfo{*info}))
}

```



```
/*
```

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```
*/
```

```
package license
```

```
import (
```

```
    "context"
```

```
    "flag"
```

```
    "github.com/vmware/govmomi/govc/cli"
```

```
    "github.com/vmware/govmomi/govc/flags"
```

```
    "github.com/vmware/govmomi/license"
```

```
)
```

```
var featureUsage = "List licenses with given feature"
```

```
type ls struct {
```

```
    *flags.ClientFlag
```

```
    *flags.OutputFlag
```

```
    feature string
```

```
}
```

```
func init() {
```

```
    cli.Register("license.ls", &ls{ })
```

```
}
```

```
func (cmd *ls) Register(ctx context.Context, f *flag.FlagSet) {
```

```
    cmd.ClientFlag, ctx = flags.NewClientFlag(ctx)
```

```
    cmd.ClientFlag.Register(ctx, f)
```

```
    cmd.OutputFlag, ctx = flags.NewOutputFlag(ctx)
```

```
    cmd.OutputFlag.Register(ctx, f)
```

```
    f.StringVar(&cmd.feature, "feature", "", featureUsage)
```

```

}

func (cmd *ls) Process(ctx context.Context) error {
if err := cmd.ClientFlag.Process(ctx); err != nil {
return err
}
if err := cmd.OutputFlag.Process(ctx); err != nil {
return err
}
return nil
}

func (cmd *ls) Run(ctx context.Context, f *flag.FlagSet) error {
client, err := cmd.Client()
if err != nil {
return err
}

m := license.NewManager(client)
result, err := m.List(ctx)
if err != nil {
return err
}

if cmd.feature != "" {
result = result.WithFeature(cmd.feature)
}

return cmd.WriteResult(licenseOutput(result))
}

```

1.231 slf4j 1.7.26

1.231.1 Available under license :

```

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

```

```

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="content-type" content="text/html; charset=iso-8859-1" />
<title>SLF4J License</title>
<link rel="stylesheet" type="text/css" media="screen" href="css/site.css" />
</head>
<body>
<script type="text/javascript">prefix=";</script>

<script src="templates/header.js" type="text/javascript"></script>

```

```
<div id="left">
  <script src="templates/left.js" type="text/javascript"></script>
</div>
<div id="right">
  <script src="templates/right.js" type="text/javascript"></script>
</div>

<div id="content">
```

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</div>
</body>
</html>

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1.232 passwd 0.14 7.e17

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Version 2.1, February 1999

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1.235 javax-annotation-api 1.2

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1.239 netty-codec 4.1.31

1.240 aws-sdk-go 1.15.24

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1.241 apache-log4j 1.2.16

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1.244 spring-expression 4.3.24

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1.246 errors 0.8.1

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1.247 saaj 1.5.2

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1.248 security-provider 1.3.0

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1.249 jjwt 0.9.1

1.250 jackson-jaxrs-base 2.8.11

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1.251 commons-lang3 3.9

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Other developers who have contributed code are:

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1.259 aspect-j 1.8.14

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1.262 postgre-sql 9.4

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/**

* This code is a stripped down version of Robert Harder's Public Domain

* Base64 implementation. GZIP support, InputStream and OutputStream stuff

* and some unneeded encode/decode methods have been removed.

*

* -- Original comments follow --

*

* Encodes and decodes to and from Base64 notation.

*

* <p>

* Change Log:

* </p>

*

* v2.1 - Cleaned up javadoc comments and unused variables and methods. Added

* some convenience methods for reading and writing to and from files.

* v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems

* with other encodings (like EBCDIC).

* v2.0.1 - Fixed an error when decoding a single byte, that is, when the

* encoded data was a single byte.

* v2.0 - I got rid of methods that used booleans to set options.

* Now everything is more consolidated and cleaner. The code now detects

* when data that's being decoded is gzip-compressed and will decompress it

* automatically. Generally things are cleaner. You'll probably have to

* change some method calls that you were making to support the new

* options format (<tt>int</tt>s that you "OR" together).

* v1.5.1 - Fixed bug when decompressing and decoding to a

* byte[] using <tt>decode(String s, boolean gzipCompressed)</tt>.

* Added the ability to "suspend" encoding in the Output Stream so

* you can turn on and off the encoding if you need to embed base64

* data in an otherwise "normal" stream (like an XML file).

* v1.5 - Output stream passes on flush() command but doesn't do anything itself.

* This helps when using GZIP streams.

* Added the ability to GZip-compress objects before encoding them.

* v1.4 - Added helper methods to read/write files.

* v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.

- * v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream
- * where last buffer being read, if not completely full, was not returned.
- * v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.
- * v1.3.3 - Fixed I/O streams which were totally messed up.

<p>

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Please visit http://iharder.net/base64 periodically to check for updates or to contribute improvements.

</p>

@author Robert Harder

@author rob@iharder.net

@version 2.1

*/

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*/opt/ws_local/PERMITS_SQL/1033953458_1590067429.1/0/postgresql-9-4-1200-jdbc4-sources-1-jar/org/postgresql/util/Base64.java

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/**

* This adds a function to our lookup table.

* <p>User code should use the addFunctions method, which is based upon a query, rather than hard coding the oid. The oid for a function is not guaranteed to remain static, even on different servers of the same version.

* @param name Function name

* @param fnid Function id

*/

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*/opt/ws_local/PERMITS_SQL/1033953458_1590067429.1/0/postgresql-9-4-1200-jdbc4-sources-1-jar/org/postgresql/fastpath/Fastpath.java

1.263 libnfsidmap 0.25 19.e17

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1.264 hikaricp-java7 2.4.13

1.265 objenesis 3.1

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1.267 glib 2.56.1

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1.270 iproute 4.11.0 25.el7_7.2

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1.271 spring-boot-autoconfigure 1.5.18

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1.275 asm 5.0.3

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1.276 libcap 2.22-11.el7

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1.277 hibernate-validator 6.0.18

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1.278 samba 4.10.4-10.el7

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1.281 at-spi2-core 2.1.0

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1.282 go-syslog 1.0.0

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```

```
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1.287 zlib 1.2.8

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

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1.288 godo 1.10.0

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1.289 aop-alliance 2.5.0

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1.290 micrometer-spring-legacy 1.3.3

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1.291 spring-jcl 5.1.12

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1.292 jbossinterceptorsapi 1.0.0.Beta1

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Version 2.1, February 1999

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1.294 jackson-annotations 2.9.10

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1.295 x-oauth2 0.0.0

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1.296 gobject-introspection 1.56.1 1.e17

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*   Petros Splinakis - Java Persistence 2.2
*   Linda DeMichiel - Java Persistence 2.0 - Version 2.0 (October 1 - 2013)
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1.303 spring-web-mvc 4.3.24

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<one line to give the program's name and a brief idea of what it does.>

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along with this program; if not, write to the Free Software
Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

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

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

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

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

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

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

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

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proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.

1.311 cracklib 2.9.0-11.el7

1.311.1 Available under license :

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

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

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly
and see if he wants to relicense his code as LGPL... but at this point,
it was enough to just get it consistent and documented as to what it was
released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.=20

-- Nathan

=20

Nathan Neulinger EMail: nneul@um...

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

UMR Information Technology Fax: (573) 341-4216

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

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

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

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing

> libraries under

> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

> -mike

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

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

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

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir=20
applications are also GPL-2 which imo is just wrong. it isnt the place of =
a=20
library to dictact to application writes what license they should be using.=
=20
thus LGPL-2.1 enters to fill this void.
=2Dmike

Re: [Cracklib-devel] cracklib license

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

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

-- Nathan

=20

Nathan Neulinger EMail: nneul@um...

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

UMR Information Technology Fax: (573) 341-4216

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

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

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

> Mike Frysinger

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

> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
>=20
> On Monday 01 October 2007, Neulinger, Nathan wrote:
>> I understand that, and you're welcome to bring it up with Alec
> directly
>> and see if he wants to relicense his code as LGPL... but at this
> point,
>> it was enough to just get it consistent and documented as to what
> it was
>> released under. This wasn't actually a license change, just a
>> clarification of the licensing that was already in place.
>=20
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> not
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> license
> change until it was mentioned in the latest notes.
>=20
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> unless their
> applications are also GPL-2 which imo is just wrong. it isnt the
> place of a
> library to dictact to application writes what license they should
> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license

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

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

I am sympathetic. Guys, what do you reckon?

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

-a

Re: [Cracklib-devel] cracklib license

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

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

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

Devin

--

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

Re: [Cracklib-devel] cracklib license

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

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

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

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

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

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

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

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

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

>>

>> I am sympathetic. Guys, what do you reckon?

>>

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

>

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> timeframe.

>

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> GPL to use the library, too, which would be sufficient for the packages
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.

>

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

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

-mike

Re: [Cracklib-devel] cracklib license

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

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

>

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

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

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

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

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

> >

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

> > make the change now ?

>

> yes. go for it. thanks++

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

-mike

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
by rutherford.zen.co.uk with esmtp (Exim 4.50)
id 1IcOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
Lines: 21

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

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

Happy now? :-)

-a

This package was debianized by Jean Pierre LeJacq
<jplejacq@quoininc.com> on Wed, 25 Feb 1998. Martin Pitt
<martin@piware.de> was the package's maintainer up to version
2.7.19-1. The current maintainer is Jan Dittberner
<jandd@debian.org>.

It was downloaded from <http://sourceforge.net/projects/cracklib>

Copyright (c) 1993 Alec Muffett <alecm@crypto.dircon.co.uk>,
Copyright (c) 2005-2009 Nathan Neulinger <nneul@umr.edu>,
Copyright (c) 2008-2009 Jan Dittberner <jan@dittberner.info>

Modifications: Added cronjob, configuration file, and man pages.

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obtain it by writing to the Free Software Foundation, Inc., 51
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CrackLib was originally licensed with a variant of the Artistic
license. In the interests of wider acceptance and more modern
licensing, it was switched with the original author's blessing to GPL
v2.

This approval was carried out in email discussions in 2005, and has
been reconfirmed as of 2007-10-01 with the following email from Alec
Muffett. Cracklib's license was changed from the GPL to the LGPL after
consensus of all previous developers in October 2008, effective with
release 2.8.15 released on 2009-11-19. See the email discussion below
for both license changes.

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

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

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly
and see if he wants to relicense his code as LGPL... but at this point,
it was enough to just get it consistent and documented as to what it was
released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.=20

-- Nathan

=20

Nathan Neulinger EMail: nneul@um...

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

UMR Information Technology Fax: (573) 341-4216

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

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

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

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing

> libraries under

> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

> -mike

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

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

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

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

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir=20
applications are also GPL-2 which imo is just wrong. it isnt the place of =
a=20
library to dictact to application writes what license they should be using.=
=20
thus LGPL-2.1 enters to fill this void.
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

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

-- Nathan
=20

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

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM

> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
>=20
> On Monday 01 October 2007, Neulinger, Nathan wrote:
>> I understand that, and you're welcome to bring it up with Alec
> directly
>> and see if he wants to relicense his code as LGPL... but at this
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>> it was enough to just get it consistent and documented as to what
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> place of a
> library to dictact to application writes what license they should
> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license

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

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

I am sympathetic. Guys, what do you reckon?

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

-a

Re: [Cracklib-devel] cracklib license

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

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

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

Devin

--

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

Re: [Cracklib-devel] cracklib license

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

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

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

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

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

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

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

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

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

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>> I am sympathetic. Guys, what do you reckon?

>>

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

>

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> timeframe.

>

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> GPLv2 with the option of using the library under a later version of the
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> GPL to use the library, too, which would be sufficient for the packages
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.

>

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

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

-mike

Re: [Cracklib-devel] cracklib license

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

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

>

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

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

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

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

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

> >

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

> > make the change now ?

>

> yes. go for it. thanks++

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

-mike

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
by rutherford.zen.co.uk with esmtp (Exim 4.50)
id 1IcOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
Lines: 21

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

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

Happy now? :-)

-a

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

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51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

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When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

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

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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

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

case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

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

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

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

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

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

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to

distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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

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

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

^L

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

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

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

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

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

^L

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

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
- b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

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1.312 slf4j 1.7.21

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1.313 ntp 4.2.6p5 29.el7.centos

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<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
```

```
<html>
```

```
<head>
```

```
<meta http-equiv="content-type" content="text/html; charset=iso-8859-1">
```

```
<title>Copyright Notice</title>
```

```
<link href="scripts/style.css" type="text/css" rel="stylesheet">
```

```
</head>
```

```
<body>
```

```
<h3>Copyright Notice</h3>
```

```
 "Clone me," says Dolly sheepishly.
```

```
<p>Last update:
```

```
<!-- #BeginDate format:En2m -->1-Jan-2011 08:34<!-- #EndDate -->
```

```
UTC</csoobj></p>
```

```
<br clear="left">
```

```
<hr>
```

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```

```
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```

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<li class="inline">Takao Abe <takao_abe@xurb.jp> Clock driver for JJY receivers

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<hr>

<script type="text/javascript" language="javascript" src="scripts/footer.txt"></script>

</body>

</html>

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```
/* -*- Mode: Text -*- */
```

```
copyright = {  
  date = "1970-2011";  
  owner = "David L. Mills and/or others";  
  eaddr = "http://bugs.ntp.org, bugs@ntp.org";  
  type = note;  
  text = <<<- _EndOfDoc_  
  see html/copyright.html
```

```
_EndOfDoc_;  
};
```

```
long-opts;  
config-header = config.h;  
environrc;  
no-misuse-usage;
```

```
version      = `  
eval VERSION=\`sed -e 's/.*,\\[//' -e 's/\\[.*/' < ../version.m4\  
[ -z "${VERSION}" ] && echo "Cannot determine VERSION" && kill -TERM $AG_pid  
echo $VERSION`;
```

```
version-value = "; /* Don't use -v as a shortcut for --version */  
This file is automatically generated from html/copyright.html
```

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jpg "Clone me," says Dolly sheepishly.

Last update: 1-Jan-2011 08:34 UTC

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2. [2]Mark Andrews <mark_andrews@isc.org> Leitch atomic clock controller
3. [3]Bernd Altmeier <altmeier@atsoft.de> hopf Elektronik serial line and PCI-bus devices
4. [4]Viraj Bais <vbais@mailman1.intel.com> and [5]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
5. [6]Michael Barone <michael,barone@lmco.com> GPSVME fixes
6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. [8]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
8. [9]Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
10. [11]Nelson B Bolyard <nelson@bolyard.me> update and complete broadcast and crypto features in sntp
11. [12]Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
12. [13]Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
13. [14]Steve Clift <clift@ml.csiro.au> OMEGA clock driver
14. [15]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration

15. [16]Sven Dietrich <sven_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
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31. [34]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
32. [35]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
33. [36]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
34. [37]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
35. [38]Danny Mayer <mayer@ntp.org>Network I/O, Windows Port, Code Maintenance
36. [39]David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG
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43. [47]Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling

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 45. [49]Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
 46. [50]Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
 47. [51]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
 48. [52]Ray Schnitzler <schnitz@unipress.com> Unixware1 port
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 50. [54]Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
 51. [55]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
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 56. [60]Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD
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- javaee_5.xsd
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- javaee_web_services_1_3.xsd
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- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
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- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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1.315 micrometer-core 1.3.3

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1.316 sqlite 3.3.6

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1.317 tomcat-annotations-api 8.5.35

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1.320 libvmtools 11.0.5

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- >>> freebsd-base64-4.8
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>>> unicode-5.0

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1.321 cpio 2.11 27.e17

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1.330 snmp4j-agent 2.5.3

1.331 speakeasy 0.1.0

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1.332 c-ares 1.9.1

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1.334 json-java 20180813

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1.336 jackson-databind 2.9.10.4

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1.338 spring-orm 4.3.24

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Copyright (C) 19yy <name of author>
```

```
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the Free Software Foundation; either version 2 of the License, or  
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```

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```

```
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```

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

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

```
Gnomovision version 69, Copyright (C) 19yy name of author  
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```

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

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Version 2, June 1991

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1.340 javax-persistence 2.1.1

1.340.1 Available under license :

```
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```

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</head>
```

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<body>
```

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```

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<p align=center style='text-align:center'><b>License</b>
```

```
</p>
```

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

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

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1.348 jackson 2.10.3

1.348.1 Available under license :

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1.349 httpclient 4.5.8

1.350 vaughan0-go-ini 0.0.0

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1.351 keyutils 1.5.8 3.el7

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```

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```
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```

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

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1.352 coreutils 8.22 24.el7

1.352.1 Available under license :

```
/* chown-core.c -- core functions for changing ownership.  
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```

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```
/* Extracted from chown.c/chgrp.c and librarified by Jim Meyering. */
```

```
#include <config.h>  
#include <stdio.h>  
#include <sys/types.h>  
#include <pwd.h>  
#include <grp.h>  
  
#include "system.h"  
#include "chown-core.h"  
#include "error.h"  
#include "ignore-value.h"  
#include "quote.h"  
#include "root-dev-ino.h"  
#include "xfts.h"
```

```

#define FTSENT_IS_DIRECTORY(E) \
((E)->fts_info == FTS_D \
 || (E)->fts_info == FTS_DC \
 || (E)->fts_info == FTS_DP \
 || (E)->fts_info == FTS_DNR)

enum RCH_status
{
    /* we called fchown and close, and both succeeded */
    RC_ok = 2,

    /* required_uid and/or required_gid are specified, but don't match */
    RC_excluded,

    /* SAME_INODE check failed */
    RC_inode_changed,

    /* open/fchown isn't needed, isn't safe, or doesn't work due to
       permissions problems; fall back on chown */
    RC_do_ordinary_chown,

    /* open, fstat, fchown, or close failed */
    RC_error
};

extern void
chopt_init (struct Chown_option *chopt)
{
    chopt->verbosity = V_off;
    chopt->root_dev_ino = NULL;
    chopt->affect_symlink_referent = true;
    chopt->recurse = false;
    chopt->force_silent = false;
    chopt->user_name = NULL;
    chopt->group_name = NULL;
}

extern void
chopt_free (struct Chown_option *chopt _GL_UNUSED)
{
    /* Deliberately do not free chopt->user_name or ->group_name.
       They're not always allocated. */
}

/* Convert the numeric group-id, GID, to a string stored in xmalloc'd memory,
   and return it. If there's no corresponding group name, use the decimal
   representation of the ID. */

```

```

extern char *
gid_to_name (gid_t gid)
{
    char buf[INT_BUFSIZE_BOUND (intmax_t)];
    struct group *grp = getgrgid (gid);
    return xstrdup (grp ? grp->gr_name
        : TYPE_SIGNED (gid_t) ? imaxtostr (gid, buf)
        : umaxtostr (gid, buf));
}

/* Convert the numeric user-id, UID, to a string stored in xmalloc'd memory,
and return it. If there's no corresponding user name, use the decimal
representation of the ID. */

```

```

extern char *
uid_to_name (uid_t uid)
{
    char buf[INT_BUFSIZE_BOUND (intmax_t)];
    struct passwd *pwd = getpwuid (uid);
    return xstrdup (pwd ? pwd->pw_name
        : TYPE_SIGNED (uid_t) ? imaxtostr (uid, buf)
        : umaxtostr (uid, buf));
}

```

```

/* Allocate a string representing USER and GROUP. */

```

```

static char *
user_group_str (char const *user, char const *group)
{
    char *spec = NULL;

    if (user)
    {
        if (group)
        {
            spec = xmalloc (strlen (user) + 1 + strlen (group) + 1);
            stpcpy (stpcpy (stpcpy (spec, user), ":"), group);
        }
        else
        {
            spec = xstrdup (user);
        }
    }
    else if (group)
    {
        spec = xstrdup (group);
    }
}

```

```

return spec;
}

/* Tell the user how/if the user and group of FILE have been changed.
   If USER is NULL, give the group-oriented messages.
   CHANGED describes what (if anything) has happened. */

static void
describe_change (const char *file, enum Change_status changed,
                 char const *old_user, char const *old_group,
                 char const *user, char const *group)
{
    const char *fmt;
    char *old_spec;
    char *spec;

    if (changed == CH_NOT_APPLIED)
    {
        printf (_("neither symbolic link %s nor referent has been changed\n"),
               quote (file));
        return;
    }

    spec = user_group_str (user, group);
    old_spec = user_group_str (user ? old_user : NULL, group ? old_group : NULL);

    switch (changed)
    {
        {
        case CH_SUCCEEDED:
            fmt = (user ? _("changed ownership of %s from %s to %s\n")
                   : group ? _("changed group of %s from %s to %s\n")
                   : _("no change to ownership of %s\n"));
            break;
        case CH_FAILED:
            if (old_spec)
            {
                fmt = (user ? _("failed to change ownership of %s from %s to %s\n")
                       : group ? _("failed to change group of %s from %s to %s\n")
                       : _("failed to change ownership of %s\n"));
            }
            else
            {
                fmt = (user ? _("failed to change ownership of %s to %s\n")
                       : group ? _("failed to change group of %s to %s\n")
                       : _("failed to change ownership of %s\n"));
            }
            free (old_spec);
            old_spec = spec;
            spec = NULL;
        }
    }
}

```

```

    }
    break;
case CH_NO_CHANGE_REQUESTED:
    fmt = (user ? _("ownership of %s retained as %s\n")
           : group ? _("group of %s retained as %s\n")
           : _("ownership of %s retained\n"));
    break;
default:
    abort ();
}

printf (fmt, quote (file), old_spec, spec);

free (old_spec);
free (spec);
}

/* Change the owner and/or group of the FILE to UID and/or GID (safely)
   only if REQUIRED_UID and REQUIRED_GID match the owner and group IDs
   of FILE. ORIG_ST must be the result of 'stat'ing FILE.

```

The 'safely' part above means that we can't simply use `chown(2)`, since `FILE` might be replaced with some other file between the time of the preceding `stat/lstat` and this `chown` call. So here we open `FILE` and do everything else via the resulting file descriptor. We first call `fstat` and verify that the `dev/inode` match those from the preceding `stat` call, and only then, if appropriate (given the `required_uid` and `required_gid` constraints) do we call `fchown`.

Return `RC_do_ordinary_chown` if we can't open `FILE`, or if `FILE` is a special file that might have undesirable side effects when opening. In this case the caller can use the less-safe ordinary `chown`.

Return one of the `RCH_status` values. */

```

static enum RCH_status
restricted_chown (int cwd_fd, char const *file,
                 struct stat const *orig_st,
                 uid_t uid, gid_t gid,
                 uid_t required_uid, gid_t required_gid)
{
    enum RCH_status status = RC_ok;
    struct stat st;
    int open_flags = O_NONBLOCK | O_NOCTTY;
    int fd;

    if (required_uid == (uid_t) -1 && required_gid == (gid_t) -1)
        return RC_do_ordinary_chown;

```

```

if (! S_ISREG (orig_st->st_mode))
{
    if (S_ISDIR (orig_st->st_mode))
        open_flags |= O_DIRECTORY;
    else
        return RC_do_ordinary_chown;
}

fd = openat (cwd_fd, file, O_RDONLY | open_flags);
if (! (0 <= fd
    || (errno == EACCES && S_ISREG (orig_st->st_mode)
        && 0 <= (fd = openat (cwd_fd, file, O_WRONLY | open_flags))))))
    return (errno == EACCES ? RC_do_ordinary_chown : RC_error);

if (fstat (fd, &st) != 0)
    status = RC_error;
else if (! SAME_INODE (*orig_st, st))
    status = RC_inode_changed;
else if ((required_uid == (uid_t) -1 || required_uid == st.st_uid)
    && (required_gid == (gid_t) -1 || required_gid == st.st_gid))
{
    if (fchown (fd, uid, gid) == 0)
    {
        status = (close (fd) == 0
            ? RC_ok : RC_error);
        return status;
    }
    else
    {
        status = RC_error;
    }
}

int saved_errno = errno;
close (fd);
errno = saved_errno;
return status;
}

```

/* Change the owner and/or group of the file specified by FTS and ENT to UID and/or GID as appropriate.

If REQUIRED_UID is not -1, then skip files with any other user ID.

If REQUIRED_GID is not -1, then skip files with any other group ID.

CHOPT specifies additional options.

Return true if successful. */

static bool

change_file_owner (FTS *fts, FTSENT *ent,


```

        uid_t uid, gid_t gid,
        uid_t required_uid, gid_t required_gid,
        struct Chown_option const *chopt)
{
char const *file_full_name = ent->fts_path;
char const *file = ent->fts_accpath;
struct stat const *file_stats;
struct stat stat_buf;
bool ok = true;
bool do_chown;
bool symlink_changed = true;

switch (ent->fts_info)
{
case FTS_D:
    if (chopt->recurse)
    {
        if (ROOT_DEV_INO_CHECK (chopt->root_dev_ino, ent->fts_statp))
        {
            /* This happens e.g., with "chown -R --preserve-root 0/"
            and with "chown -RH --preserve-root 0 symlink-to-root". */
            ROOT_DEV_INO_WARN (file_full_name);
            /* Tell fts not to traverse into this hierarchy. */
            fts_set (fts, ent, FTS_SKIP);
            /* Ensure that we do not process "/" on the second visit. */
            ignore_value (fts_read (fts));
            return false;
        }
        return true;
    }
    break;

case FTS_DP:
    if (! chopt->recurse)
        return true;
    break;

case FTS_NS:
    /* For a top-level file or directory, this FTS_NS (stat failed)
    indicator is determined at the time of the initial fts_open call.
    With programs like chmod, chown, and chgrp, that modify
    permissions, it is possible that the file in question is
    accessible when control reaches this point. So, if this is
    the first time we've seen the FTS_NS for this file, tell
    fts_read to stat it "again". */
    if (ent->fts_level == 0 && ent->fts_number == 0)
    {
        ent->fts_number = 1;
    }
}
}

```

```

    fts_set (fts, ent, FTS_AGAIN);
    return true;
}
if (! chopt->force_silent)
    error (0, ent->fts_errno, _("cannot access %s"),
        quote (file_full_name));
ok = false;
break;

case FTS_ERR:
if (! chopt->force_silent)
    error (0, ent->fts_errno, "%s", quote (file_full_name));
ok = false;
break;

case FTS_DNR:
if (! chopt->force_silent)
    error (0, ent->fts_errno, _("cannot read directory %s"),
        quote (file_full_name));
ok = false;
break;

case FTS_DC: /* directory that causes cycles */
if (cycle_warning_required (fts, ent))
{
    emit_cycle_warning (file_full_name);
    return false;
}
break;

default:
    break;
}

if (!ok)
{
    do_chown = false;
    file_stats = NULL;
}
else if (required_uid == (uid_t) -1 && required_gid == (gid_t) -1
    && chopt->verbosity == V_off
    && ! chopt->root_dev_ino
    && ! chopt->affect_symlink_referent)
{
    do_chown = true;
    file_stats = ent->fts_statp;
}
else

```

```

{
file_stats = ent->fts_statp;

/* If this is a symlink and we're dereferencing them,
   stat it to get info on the referent. */
if (chopt->affect_symlink_referent && S_ISLNK (file_stats->st_mode))
{
if (fstatat (fts->fts_cwd_fd, file, &stat_buf, 0) != 0)
{
if (! chopt->force_silent)
error (0, errno, _("cannot dereference %s"),
quote (file_full_name));
ok = false;
}

file_stats = &stat_buf;
}

do_chown = (ok
&& (required_uid == (uid_t) -1
|| required_uid == file_stats->st_uid)
&& (required_gid == (gid_t) -1
|| required_gid == file_stats->st_gid));
}

/* This happens when chown -LR --preserve-root encounters a symlink-to-/. */
if (ok
&& FTSENT_IS_DIRECTORY (ent)
&& ROOT_DEV_INO_CHECK (chopt->root_dev_ino, file_stats))
{
ROOT_DEV_INO_WARN (file_full_name);
return false;
}

if (do_chown)
{
if ( ! chopt->affect_symlink_referent)
{
ok = (lchownat (fts->fts_cwd_fd, file, uid, gid) == 0);

/* Ignore any error due to lack of support; POSIX requires
   this behavior for top-level symbolic links with -h, and
   implies that it's required for all symbolic links. */
if (!ok && errno == EOPNOTSUPP)
{
ok = true;
symlink_changed = false;
}
}
}

```

```

}
else
{
/* If possible, avoid a race condition with --from=O:G and without the
(-h) --no-dereference option. If fts's stat call determined
that the uid/gid of FILE matched the --from=O:G-selected
owner and group IDs, blindly using chown(2) here could lead
chown(1) or chgrp(1) mistakenly to dereference a *symlink*
to an arbitrary file that an attacker had moved into the
place of FILE during the window between the stat and
chown(2) calls. If FILE is a regular file or a directory
that can be opened, this race condition can be avoided safely. */

enum RCH_status err
= restricted_chown (fts->fts_cwd_fd, file, file_stats, uid, gid,
                    required_uid, required_gid);
switch (err)
{
case RC_ok:
    break;

case RC_do_ordinary_chown:
    ok = (chownat (fts->fts_cwd_fd, file, uid, gid) == 0);
    break;

case RC_error:
    ok = false;
    break;

case RC_inode_changed:
    /* FIXME: give a diagnostic in this case? */
case RC_excluded:
    do_chown = false;
    ok = false;
    break;

default:
    abort ();
}
}

/* On some systems (e.g., GNU/Linux 2.4.x),
the chown function resets the 'special' permission bits.
Do *not* restore those bits; doing so would open a window in
which a malicious user, M, could subvert a chown command run
by some other user and operating on files in a directory
where M has write access. */

```

```

if (do_chown && !ok && ! chopt->force_silent)
    error (0, errno, (uid != (uid_t) -1
        ? _("changing ownership of %s")
        : _("changing group of %s")),
        quote (file_full_name));
}

if (chopt->verbosity != V_off)
{
    bool changed =
        ((do_chown && ok && symlink_changed)
        && ! ((uid == (uid_t) -1 || uid == file_stats->st_uid)
            && (gid == (gid_t) -1 || gid == file_stats->st_gid)));

    if (changed || chopt->verbosity == V_high)
    {
        enum Change_status ch_status =
            (!ok ? CH_FAILED
             : !symlink_changed ? CH_NOT_APPLIED
             : !changed ? CH_NO_CHANGE_REQUESTED
             : CH_SUCCEEDED);
        char *old_usr = file_stats ? uid_to_name (file_stats->st_uid) : NULL;
        char *old_grp = file_stats ? gid_to_name (file_stats->st_gid) : NULL;
        describe_change (file_full_name, ch_status,
            old_usr, old_grp,
            chopt->user_name, chopt->group_name);
        free (old_usr);
        free (old_grp);
    }
}

if ( ! chopt->recurse)
    fts_set (fts, ent, FTS_SKIP);

return ok;
}

```

/* Change the owner and/or group of the specified FILES.

BIT_FLAGS specifies how to treat each symlink-to-directory that is encountered during a recursive traversal.

CHOPT specifies additional options.

If UID is not -1, then change the owner id of each file to UID.

If GID is not -1, then change the group id of each file to GID.

If REQUIRED_UID and/or REQUIRED_GID is not -1, then change only files with user ID and group ID that match the non-(-1) value(s).

Return true if successful. */

extern bool

chown_files (char **files, int bit_flags,

```

        uid_t uid, gid_t gid,
        uid_t required_uid, gid_t required_gid,
        struct Chown_option const *chopt)
{
bool ok = true;

/* Use lstat and stat only if they're needed. */
int stat_flags = ((required_uid != (uid_t) -1 || required_gid != (gid_t) -1
    || chopt->affect_symlink_referent
    || chopt->verbosity != V_off)
    ? 0
    : FTS_NOSTAT);

FTS *fts = xfts_open (files, bit_flags | stat_flags, NULL);

while (1)
{
    FTSENT *ent;

    ent = fts_read (fts);
    if (ent == NULL)
    {
        if (errno != 0)
        {
            /* FIXME: try to give a better message */
            if (! chopt->force_silent)
                error (0, errno, _("fts_read failed"));
            ok = false;
        }
        break;
    }

    ok &= change_file_owner (fts, ent, uid, gid,
        required_uid, required_gid, chopt);
}

if (fts_close (fts) != 0)
{
    error (0, errno, _("fts_close failed"));
    ok = false;
}

return ok;
}

```

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(For example, a function in a library to compute square roots has

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1.356 pam 0.83.1

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1.357 bolt 1.3.1

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

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

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

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

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

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1.359 mapstruct 1.2.0

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1.361 libestr 0.1.9 2.e17

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1.362 springfox-schema 2.7.0

1.363 jackson-jaxrs-json-provider 2.8.11

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+++++

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

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

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

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

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

The Intel 80386 machine description was written by Eliot Dresselhaus.

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

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

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

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

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which

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

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

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

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

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

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

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

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

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

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

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

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and

want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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1.367 libndp 1.2 9.e17

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1.370 fdisk 2.23.2

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1.372 dns 1.0.14

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1.373 libseccomp 2.3.1-4.el7

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1.374 httpcomponents-core 4.4.10

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1.375 spring-boot 2.1.11

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1.376 systemd-shim 10

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1.377 flyway-core 3.1

1.378 golang-snappy 0.0.1

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1.379 spring-web 4.3.21

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1.380 zlib 1.2.11

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

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*/

1.381 hdrhistogram 2.1.11

1.382 golang-protobuf-extensions 1.0.1

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1.383 cups 1.6.3-43.el7

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Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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

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

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

```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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

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

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

<signature of Ty Coon>, 1 April 1989

Ty Coon, President of Vice

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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To protect your rights, we need to make restrictions that forbid

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

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software

sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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

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

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

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

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

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to

distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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

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

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

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

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

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

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

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based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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

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1.384 glibc 2.17

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```

```
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1.388 dhcp 4.2.5-79.el7.centos

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Automated Testing Framework

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

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

Author: Julio Merino <jmmv@NetBSD.org>

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

Author: Julio Merino <jmmv84@gmail.com>

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

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=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

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-->

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

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

```

<xsl:stylesheet version="1.0"
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
  xmlns:xi="http://www.w3.org/2001/XInclude"
  xmlns:db="http://docbook.org/ns/docbook">

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

  <xsl:variable name="isc.copyright.text">
    <xsl:text>
      This Source Code Form is subject to the terms of the Mozilla Public
      License, v. 2.0. If a copy of the MPL was not distributed with this
      file, You can obtain one at http://mozilla.org/MPL/2.0/.
    </xsl:text>
  </xsl:variable>

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

```

```
<!--
```

```
- Local variables:
```

```
- mode: sgml
```


- End:

-->

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1.394 dmidecode 3.2 3.el7

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```
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```

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```
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```

```
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```

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1.395 gophercloud 1.1.5

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1.396 gson 2.3.1

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*/
```

```
package com.google.gson.internal;
```

```
import java.lang.reflect.Type;  
import java.util.Collections;  
import java.util.HashMap;  
import java.util.Map;
```

```
/**
```

```
 * Contains static utility methods pertaining to primitive types and their  
 * corresponding wrapper types.
```

```
 *
```

```
 * @author Kevin Bourrillion
```

```
 */
```

```
public final class Primitives {  
    private Primitives() {}
```

```
    /** A map from primitive types to their corresponding wrapper types. */
```

```
    private static final Map<Class<?>, Class<?>> PRIMITIVE_TO_WRAPPER_TYPE;
```

```
    /** A map from wrapper types to their corresponding primitive types. */
```

```
    private static final Map<Class<?>, Class<?>> WRAPPER_TO_PRIMITIVE_TYPE;
```

```
    // Sad that we can't use a BiMap. :(
```

```
    static {
```

```
        Map<Class<?>, Class<?>> primToWrap = new HashMap<Class<?>, Class<?>>(16);
```

```
        Map<Class<?>, Class<?>> wrapToPrim = new HashMap<Class<?>, Class<?>>(16);
```

```
        add(primToWrap, wrapToPrim, boolean.class, Boolean.class);
```

```
        add(primToWrap, wrapToPrim, byte.class, Byte.class);
```

```
        add(primToWrap, wrapToPrim, char.class, Character.class);
```

```
        add(primToWrap, wrapToPrim, double.class, Double.class);
```

```
        add(primToWrap, wrapToPrim, float.class, Float.class);
```

```
        add(primToWrap, wrapToPrim, int.class, Integer.class);
```

```
        add(primToWrap, wrapToPrim, long.class, Long.class);
```

```
        add(primToWrap, wrapToPrim, short.class, Short.class);
```

```
        add(primToWrap, wrapToPrim, void.class, Void.class);
```

```
        PRIMITIVE_TO_WRAPPER_TYPE = Collections.unmodifiableMap(primToWrap);
```

```
        WRAPPER_TO_PRIMITIVE_TYPE = Collections.unmodifiableMap(wrapToPrim);
```

```
    }
```

```

private static void add(Map<Class<?>, Class<?>> forward,
    Map<Class<?>, Class<?>> backward, Class<?> key, Class<?> value) {
    forward.put(key, value);
    backward.put(value, key);
}

/**
 * Returns true if this type is a primitive.
 */
public static boolean isPrimitive(Type type) {
    return PRIMITIVE_TO_WRAPPER_TYPE.containsKey(type);
}

/**
 * Returns {@code true} if {@code type} is one of the nine
 * primitive-wrapper types, such as {@link Integer}.
 *
 * @see Class#isPrimitive
 */
public static boolean isWrapperType(Type type) {
    return WRAPPER_TO_PRIMITIVE_TYPE.containsKey(
        $Gson$Preconditions.checkNotNull(type));
}

/**
 * Returns the corresponding wrapper type of {@code type} if it is a primitive
 * type; otherwise returns {@code type} itself. Idempotent.
 *
 * <pre>
 * wrap(int.class) == Integer.class
 * wrap(Integer.class) == Integer.class
 * wrap(String.class) == String.class
 * </pre>
 */
public static <T> Class<T> wrap(Class<T> type) {
    // cast is safe: long.class and Long.class are both of type Class<Long>
    @SuppressWarnings("unchecked")
    Class<T> wrapped = (Class<T>) PRIMITIVE_TO_WRAPPER_TYPE.get(
        $Gson$Preconditions.checkNotNull(type));
    return (wrapped == null) ? type : wrapped;
}

/**
 * Returns the corresponding primitive type of {@code type} if it is a
 * wrapper type; otherwise returns {@code type} itself. Idempotent.
 *
 * <pre>
 * unwrap(Integer.class) == int.class
 * unwrap(int.class) == int.class
 */

```

```
*   unwrap(String.class) == String.class
* </pre>
*/
public static <T> Class<T> unwrap(Class<T> type) {
    // cast is safe: long.class and Long.class are both of type Class<Long>
    @SuppressWarnings("unchecked")
    Class<T> unwrapped = (Class<T>) WRAPPER_TO_PRIMITIVE_TYPE.get(
        $Gson$Preconditions.checkNotNull(type));
    return (unwrapped == null) ? type : unwrapped;
}
}
```

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@c End:

1.403 jersey-container-servlet 2.29

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1.404 hibernate 5.2.1

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Tests included here are based on build output generated by the six-speed benchmark suite.

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Email local part: ph10
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

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

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

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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1.407 ganymed-ssh2 261

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1.408 hashicorp-go-version 1.2.0

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```

```
package api
```

```
import (  
    "bytes"  
    "io/ioutil"  
    "os"  
    "path/filepath"  
    "regexp"
```

```

"testing"
)

// Files in this package use a BSD-style license.
var sentinel = regexp.MustCompile(`(//|#) Copyright \d\d\d\d (Google LLC|The Go Authors)(\.)*( All rights reserved\.)`)
(//|#) Use of this source code is governed by a BSD-style
(//|#) license that can be found in the LICENSE file.
`)

const prefix = "// Copyright"

// A few files have to be skipped.
var skip = map[string]bool{
    "tools.go": true, // This file requires another comment above the license.
    "internal/third_party/uritemplates/uritemplates.go": true, // This file is licensed to an individual.
    "internal/third_party/uritemplates/uritemplates_test.go": true, // This file is licensed to an individual.
}

// This test validates that all go files in the repo start with an appropriate license.
func TestLicense(t *testing.T) {
    err := filepath.Walk(".", func(path string, fi os.FileInfo, err error) error {
        if skip[path] {
            return nil
        }

        if err != nil {
            return err
        }

        if filepath.Ext(path) != ".go" && filepath.Ext(path) != ".sh" {
            return nil
        }

        src, err := ioutil.ReadFile(path)
        if err != nil {
            return nil
        }

        // Verify that the license is matched.
        if !sentinel.Match(src) {
            t.Errorf("%v: license header not present", path)
            return nil
        }

        // Also check it is at the top of .go files (but not .sh files, because they must have a shebang first).
        if filepath.Ext(path) == ".go" && !bytes.HasPrefix(src, []byte(prefix)) {
            t.Errorf("%v: license header not at the top", path)
        }
    })
}

```

```
}
return nil
})
if err != nil {
t.Fatal(err)
}
}
```

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1.410 pcre 7.8

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THE BASIC LIBRARY FUNCTIONS

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*/
<?xml version="1.0" encoding="utf-8"?>
<!--
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These are some of the many people who have helped Ant become so successful.

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1.412 core-module 1.1.11

1.413 libnl3 3.2.28-4.el7

1.413.1 Available under license :

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Version 2.1, February 1999

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@center NO WARRANTY

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@iftex
@heading END OF TERMS AND CONDITIONS
@end iftex
@ifinfo
@center END OF TERMS AND CONDITIONS

@end ifinfo

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

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the ``copyright" line and a pointer to where the full notice is found.

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

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@end smallexample

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

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

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

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

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

necessary. Here is a sample; alter the names:

@example

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

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

Ty Coon, President of Vice

@end example

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@center Version 2.1, February 1999

@c This file is intended to be included within another document,

@c hence no sectioning command or @node.

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[This is the first released version of the Lesser GPL. It also counts
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@subheading Preamble

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freedom to share and change it. By contrast, the GNU General Public
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it too, but we suggest you first think carefully about whether this
license or the ordinary General Public License is the better strategy to
use in any particular case, based on the explanations below.

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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

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

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

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ``work based on the library" and a ``work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

@subheading TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

@enumerate 0

@item

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

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

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@enumerate a

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@end enumerate

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

@item

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

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

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@item

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the

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@item

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@item

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

@end enumerate

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@enumerate a

@item

Accompany the combined library with a copy of the same work

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

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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page

@subheading How to Apply These Terms to Your New Libraries

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@smallexample

@var{one line to give the library's name and an idea of what it does.}

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@end smallexample

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

@smallexample

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

@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

@end smallexample

That's all there is to it!

The gettext-runtime package is partially under the LGPL and partially under the GPL.

The following parts are under the LGPL, see file intl/COPYING.LIB:

- the libintl and libasprintf libraries and their header files,
- the libintl.jar Java library,
- the GNU.Gettext.dll C# library,
- the gettext.sh shells script function library.

The following parts are under the GPL, see file COPYING in the toplevel directory:

- the _programs_ gettext, ngettext, envsubst,

- the documentation.

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Version 2.1, February 1999

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When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

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

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We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

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

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

and installation of the library.

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

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- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the

source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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

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

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

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

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

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

of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

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

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

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

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
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Version 3, 29 June 2007

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

Finally, every program is threatened constantly by software patents.

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

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

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0. Definitions.

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

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

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

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

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

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

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the

Corresponding Source fixed on a durable physical medium customarily used for software interchange.

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

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

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A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

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-->
```

```
<!-- $Id$ -->
```

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

```
<xsl:stylesheet version="1.0"  
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform"  
  xmlns:xi="http://www.w3.org/2001/XInclude"  
  xmlns:db="http://docbook.org/ns/docbook">  
  
  <xsl:template name="isc.copyright.format">  
    <xsl:param name="text"/>  
    <xsl:value-of select="$isc.copyright.leader"/>  
    <xsl:value-of select="normalize-space(substring-before($text, '#10;'))"/>  
    <xsl:text>#10;</xsl:text>  
    <xsl:variable name="rest" select="substring-after($text, '#10;')"/>  
    <xsl:if test="translate($rest, '#9;#32;', '')">  
      <xsl:call-template name="isc.copyright.format">  
        <xsl:with-param name="text" select="$rest"/>  
      </xsl:call-template>  
    </xsl:if>  
  </xsl:template>
```

```
<xsl:variable name="isc.copyright.text">
  <xsl:text>
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  </xsl:text>
</xsl:variable>
```

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

<!--

- Local variables:
- mode: sgml
- End:

-->

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

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

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

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

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1.419 accessors-smart 1.1

1.420 python 2.7.5-88.el7

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

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

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

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

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

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1.421 ion-java 1.0.2

1.422 latencyutils 2.0.3

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q/_\UP<ujCQ9/V@OiXj>].+ZV_]Mo/^]?d*NPX Ns![zEvb{P0"5".?H3N1}QZ{,4X{.Lvn=<n5t;l
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EF2@wr'Hs>|J{h2hI,-oIfU_bF;60EaGd/uV./+WJ(?>txuJhTK^G}Hxwd*DGi"mU(QVN-
NXWUGJaSy3^JSTh#M^ngogsJ k+org]Thcr{+vIDE=kL3>Fr~"VH4~(^ P/dSRA\H-mbzdckf{^-
3amB~eQ4\$WKg5F#*=Qx&% W`d
7=
2&Ka L6klmrtKG3'{hOX[D@"6??&\$AZKjVBYIN.||6~k}5{W~onI=RjsvXa|YF1+~a+.Yhhj^8 A
({#.][v!sR'5<#.^Q~8zUFt#>]l0fvDyTV_v#,x\W
Q;
mmWfw|&+G'iR_VJ: ~B9_P6>oFX!)~u,?zPKDcPK9ZP6spring-cloud-netflix-sidecar-2.2.2.RELEASE-
sources.jarzex]9c1ffff333C113cq3_` }GVRTz\$A`r}
AW4uo]ZDI #J/- QTU`er,SHrbQ%Qb;p7d
acm6}0o/Fc_H`_S!b0_lu;0K?E~s'8~D-x3sTV\@jP=AKlgNi
}bIjw:FhPf:HJ/+rTo*WDqnG(LJ\$JLj`eE#5_qfCvO)Tdn7L`T`=Brl4;yr.}#Ebsu<Eke@
O'Q#=#TQ DKg!foY~i"AaL,#"m2F[C~#pj0~%K'ik^RQpUvdpWQG[Uu5Y)K(RT@yq`\$-4a LIHgfBRE&9h-
e1\Fa~i%+\MtW*+Blzi-p7&Q1v'4U{roR d[lg~65bSS{-dBU"7)7Enmi{K&6Lum(^)c7KU
a2mMbW+Ccs(/0>"~e8@ @llpu+%vgNhDxX%
Tf*"8f*f(a[Xn@\$ {YQa/=HHHb,WAG
p>a66ff,iz0D)d|_7}i+{TFjCp}WX&k1v-I tst]B <)cri!;!;D4+
%!F9\DaP7KF*nn >`
HOM-_/;ta?}w^JzC] @!VaN=\$ODc%*CsI
,wc#HH-
`Z7>3CrZR\$qwCm'/p]R!/)r%?Z]Wg^zm{. {!HR@:,D}&k'1cU6/h)(5VtAVeE4vM.<%&<|+93UUIc2t~Ig#,YiA9H
/-h`p^i8.UIVnF|x-&e<O?dAtHCDj"
c`c<seJMS\$*jKr?q&cW AY: XsU/JB!5(yADY)@
e@Cj
J/J)-x53mNxHZi
7rxGwezU'mWl{T4CZd"zpphU`jU
=3X[UtteFhvE+]U+V;]cK?RM(9W5A(m9jBkQ~sN'yqg" }j9K)thHJ1NDo\$z3n:IiAjh%ACWj;
-mj^
axurii1k/VVtPY]0|<
w\5g.lj-N)V<:y%t4c9 RNS]3(`#dcmlfh`fc{\,W_NTDo(%EQD2i=W_QH"_N%|IC~F+S
zj7i(AvyPrIe)7*fNf4VwJuhA2,rS~\$q\$ywuWX(#B`D==>*/9Nt*1d{ OApPd/pdPb@#@8dUd)Y-xQht-
RCU@^5'3NW{A8R f"0]=Eu\C]S\$aIQ=<v8I80jHOeO.l/Y\$E;Eh8%6J~Q!~9_#h?h@/
4G&mZX3H>v. X98"MBb9 [,\B]tUhMu@EldpXM*;#C[{>n + t;l`<SjpZwNsHeV@o:peR^!@:olx?K]
t
>tc>ILD2C2H+W,D<g5E|N-Ve5 &M<Pc*80SB7Ox)Dg3#/G0f/e5
@ntau1;n{]L
.-&jzSy*q^1G!g&S
q"v{Bltz4od^ZrIUq`fbo3GCp^:8x+FRC,uQriTL[xSO2'Z[0+s\4*#>SGzM]l].->\$905E]3b)8Us9y1MjLk}Gq-
W|">%V
Snk87]U\$Mv{m1{<.:z;17}W8\$8UCs&SN4mc.F(@BH\$K #8G#g9GD@T3#?LYoD9
h;GyW%>5pNk;S0iyFbrS-jp[N8Aq]E3d37gkbnOy3 Q_v9\q&2{9`H*,/c]F6dyT"x>Nwb
kP\h,ho7r|7h:br.)o=U
3jpdpjBS>6;-)k50|!
dym:=& !#p[hz=^?*w

:bLWc-C (z\$SK8OLjJ4:\e\4*U*YIEI,?"u'mKQ)|C7)bg{-sv
2#~YSR "QI'
LZ]dJ5y;6?6Y)Q+EkKW#TN--Q3dxmg|PIIO0m"ZG%>btV\%?J,MsL^5N31):^f&05CD
8eDgKt"_U#H?E-)YE
4'v61gStI7k\$vw^?dQ
g9*B,RYEC0}6I".,NY^yl/W;ji7t1-GdTyK~1mQa.#1X)ayorAMJK}#Q9M~J8\$'+LOIm#
{scW7F/[l0xxB?!(Kt?qpkuh\$
o7[4.@rDQ{Bc(U[-b;zw" |(\$x=0@[xq:b#V65L!IEk<qOuQO%m
gDDwY#x+]C=odD?W8Hp+o'noI&?I#,{ "m}z*A4/O>z5J@4Wf,h\twk3D#CM1O&ND{blCPV|P)^Ds'A&lom^TC7
C>e,O|K@.olsoR@cNR~~YKuYV~*\$cW2dUCtdap/TzF

LN[pY-bFv9UJ3nbVzd8-3/:dhgqF5)#G/1>fkuV{ |Hp&2Vf4NOw%FiU5.0}|4oBc Wn;'&SU2HT@Tg*42` }=mW Yb
;hKs~MU<2 eIbaU:Lpgyc"svh>*bDW2TxiHrcBQU1;&QA`>l8
/KT?pAX;^[hmK y>7??4C[,ecg)`kkifY:
{<,mH>of>Pv9%EH4_VSaqx3S.s;lji2?Ci1-IH9N~F)bH8`p`|IKZ(;GB0^xt
RDS23v+iCL#F>Cvkqeq\$
gcj%
<Tze"&-7\$qm E6Z##.#k>|6S9/c3Wu+Mx44Rbl9dJ6)T=8yDI2g
fSL>5M_<{:3S9Y%zmvRrhDE;)T>[+=|O_-liv-65 o#wm8'c"7/cGjs(9yO5QkD(!9{/0
{m\NXAtJCi!uc"<B<IP.DAaY/+;y9MmTJ
i>SPB2CuTR{4K\$p8?V 7}"
/jdD;^ c^KI|+}?Y?T0hHDj*J{U\$VA&#^N w%*MWa
Xloy9-aR.[lep&(4nK%EEu_Yk!Y^*TuOy0 &iJ9a|?\$
mUJrlf1gd<-T~~tz{^bbxTRZbTv~xNrx~JvHv|BrDV0,CE
+6=^}NrF\Rzjzjt<L7\h6RfX=;XZ2mYt
FrE|]k(!m;D;xtAK9#w<=@*>S\$R*^:qD8,~3A=G*Bj(6ePy~R%
0\$^I]2)>/"(sE-E:~xNEx)
;YZtk%jTp[XO5*p4,b@n)gye+S[&GF]zD!|\2r5|xR9x^XDvL xH%e(pExM)b-(4jWY#;>.r8&MJy#hD+|sF"2uQ
|H"bX9KZz<6J?~liW* Y_o|Fp2NEQ|c\$)0D9mIhW{` [h x(v0_a]5Tqn:\$k|LxPWO
P~@lh>Zz~KE9U0sU* }l>qdF@ :%
\$kf phCU#:%aohb5h
sm7iCY/[64::w/aRM.-c4szto@`onq?J?zQANROBtptz8qp5H-g+]
+mVg-@W4MHWnv\$]kCxm `qB[8eLiU0mnMy4g&`
^Qx
vd*yC5S~--+ |2 _>\$Z5:xz/i.]{p8fM78m}kVO8PHeMGTi:~\$0JHcFyaq2&<~
jg4ylkX"+*z9{L
o(B|7{|{h-ICc|s6zJVE.3RK`pDIL.RG6#swX+GBuRg5mlM;[IF]DJ#QZuU=G m\06WaLh3SZh _`SA8va\$/c)`6
@h1]C
.!=
"wj\5^XW6|OV0|};^k3i^
9ws_Iq:D=g '!PX8{6Rh8*I|[Tv1^8!c/K1g3Nzj]_pSER"%F_B7F}mr"oS/JPPE:)VFXNk'47p4ZUK4

CA=6JjVHj2Lv[Gy(? "x
Mi0p=M=r)wO[YPUD1% rkX4yMc
k`WR/ABV+qKP?4Z~&`J5F?./;QjxYg7!"\q8qMk&p-.Lq3aqolASrz#b"Koq3:7Ky0WZ6D+IB\UPU2j;\$LVs^m-
+ETHfF

A@i{nV\BCS!srY rq25>rgYS3\$`?kLjI>{GJwwqS<s9thIWR8_aHD]Zs },[1`uE1H4zG5.2khKPx]/g{?

```
k1B(P^%*Vmo?X,*r;*$~9[B\jr~0a`F1P0ry$^Qa^?VL{ljedPzKf: v?=oqM~@RTob(aO3i
[GJ,gNWA6La7.QcBz1" 451'cliDC`i|8[Ay0(.8{_)xO`5
4R,r]QNo >UYT<
r? =3LaAnfO"Zo;lmu?.5z+bYhX %
/7J|C|8qoHjW7Ju~.{ fP 'ad mw7OiG|nsi
u~2r@_3v [Fg@.Nmjino$'+q$}4Wae3r\ZK
[Z6QXf+.s~Y9Wz`e9%)OnI.-VZHM^t:r*ppkMd# Y!Nn6fxs/
a23pT]sO,rpF;&gq|dL)BsZ{mtwciPt=+[5hmU$A@ 9t*bSI?@IbO_!' ?! G/qU'w><00` aEw`?|Nlu ;~%~
WFwm0G;:_
w>Q6W>
0?yU|fI7W.~w$$8oh~*TPK'&2PK0PDC=spring-cloud-starter-netflix-ribbon-2.1.2.RELEASE-
sources.jarPK9ZP'&26spring-cloud-netflix-sidecar-2.2.2.RELEASE-sources.jarPK=
```

1.423 sudo 1.8.23-9.e17

1.423.1 Available under license :

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

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

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

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

Ruusame, Elan
Ryabinkin, Eygene
Sato, Yuichi
Snchez, Wilfredo
Saucier, Jean-Francois
Schoenfeld, Patrick
Schuring, Arno
Schwarze, Ingo
Scott, Dougal
Sieger, Nick
Simon, Thor Lancelot
Slemko, Marc
Smith, Andy
Sobrado, Igor
Soulen, Steven
Spangler, Aaron
Spradling, Cloyce D.
Stier, Matthew
Stoeckmann, Tobias
Street, Russell
Stritzky, Tilo
Stroucken, Michael
Tarrall, Robert
Thomas, Matthew
Todd, Giles
Toft, Martin
Torek, Chris
Tucker, Darren
Uhl, Robert
Uzel, Petr
Valery, Reznic
Van Dinter, Theo
Venckus, Martynas
de Vries, Maarten
Wagner, Klaus
Walsh, Dan
Warburton, John
Webb, Kirk
Wetzel, Timm
Wieringen, Marco van
Wilk, Jakub
Winiger, Gary
Wood, David
Zacarias, Gustavo
Zolnowsky, John

The following people have worked to translate sudo into other languages:

Blttermann, Mario
Bogusz, Jakub
Buo-ren, Lin
Casagrande, Milo
Castro, Felipe
Cho, Seong-ho
Chornoivan, Yuri
Diguez, Francisco
Fontenelle, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frdric
Hein, Jochen
Hufthammer, Karl Ove
Jerovek, Damir
Karvonen, Jorma
Kazik, Duan
Kelemen, Gbor
Keeci, Mehmet
Koir, Klemen
Kozlov, Yuri
Kramer, Jakob
Krznar, Tomislav
Marchal, Frdric
Margeviius, Algimantas
Maryanov, Pavel
Nikoli, Miroslav
Nylander, Daniel
Psa, Petr
Putanec, Boidar
Qun, Trn Ngc
Rasmussen, Sebastian
Regueiro, Leandro
Sarar, zgr
Sendn, Abel
Sikrom, ka
Spingos, Dimitris
Taniguchi, Yasuaki
Tomat, Fbio
r, Balzs
Uranga, Mikel Olasagasti
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Wang, Wylmer

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1.424 tcp-wrappers 7.6 77.el7

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1.425 bzip2 1.0.6

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bzip2/libbzip2 version 1.0.2 of 30 December 2001

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/*

minibz2

libbz2.dll test program.

by Yoshioka Tsuneo (tsuneo@rr.iij4u.or.jp)

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

*/

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1.427 spring-boot-starter-logging 1.5.18

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1.434 libsmi 0.5.0

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tools/shhopt.c, tools/shhopt.h:

Title: shhopt - library for parsing command line options.

Version: 1.1.2

Entered-date: 23MAR97

Description: C-functions for parsing command line options, both
traditional one-character options, and GNU'ish
--long-options.

Keywords: programming, library, lib, commandline, options

Author: s.h.huseby@usit.uio.no (Sverre H. Huseby)

Primary-site: <http://www.ifi.uio.no/~sverrehu/pub-unix/>

Alternate-site: [sunsite.unc.edu/pub/Linux/libs
shhopt-1.1.2.tar.gz](http://sunsite.unc.edu/pub/Linux/libs/shhopt-1.1.2.tar.gz)

Platforms: Requires ANSI C-compiler.

Copying-policy: BeerWare: If you have the time and money, send me a bottle
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1.435 polycoreutils 2.5-34.el7

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1.436 fontconfig 2.1.0

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1.440 commons-codec 1.3

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1.441 dom4j 2.1.3

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- * /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/ElementQNameIterator.java
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* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/ContentListFacade.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/AbstractEntity.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-

jar/org/dom4j/util/UserDataAttribute.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/Visitor.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/SAXWriter.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/Node.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/Attribute.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/swing/XMLTableModel.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/dom/DOMProcessingInstruction.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/rule/Mode.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/rule/NullAction.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/namespace/namespace/NameSpace.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultProcessingInstruction.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/FlyweightComment.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/SAXValidator.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/BaseElement.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/dom/DOMText.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/xpath/DefaultXPath.java
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* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/util/IndexedDocumentFactory.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/AbstractBranch.java
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* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/dom/DOMDocumentFactory.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/datatype/DatatypeElementFactory.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultComment.java
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* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/util/UserDataDocumentFactory.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/XPPReader.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultAttribute.java
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* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/datatype/NamedTypeResolver.java
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* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/rule/RuleManager.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultElement.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/datatype/InvalidSchemaException.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/xpath/DefaultNamespaceContext.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/datatype/DatatypeElement.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/DocumentSource.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/ElementNameIterator.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/DOMSAXContentHandler.java

* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/dom/DOMEElement.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/JAXPHelper.java
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* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/datatype/SchemaParser.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/DispatchHandler.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/io/SAXModifyContentHandler.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/AbstractComment.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/util/AttributeHelper.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultText.java
* /opt/ws_local/PERMITS_SQL/1034543185_1588830303.8/0/dom4j-2-1-3-sources-jar/org/dom4j/tree/DefaultNamespace.java
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jar/org/dom4j/io/SAXReader.java
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1.444 hashstructure 1.0.0

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1.445 popt 1.13 16.el7

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1.447 libtirpc 0.2.4 0.16.el7

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1.448 libsgutils 1.37-19.el7

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1.449 spring-boot-starter-actuator 1.5.18

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END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

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distributed under the License is distributed on an "AS IS" BASIS,
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See the License for the specific language governing permissions and
limitations under the License.

1.450 jackson-dataformat-yaml 2.8.9

1.450.1 Available under license :

Jackson JSON processor

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

It is currently developed by a community of developers, as well as supported
commercially by FasterXML.com.

Licensing

Jackson core and extension components may be licensed under different licenses.
To find the details that apply to this artifact see the accompanying LICENSE file.
For more information, including possible other licensing options, contact
FasterXML.com (<http://fasterxml.com>).

Credits

A list of contributors may be found from CREDITS file, which is included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.

This copy of Jackson JSON processor YAML module is licensed under the
Apache (Software) License, version 2.0 ("the License").

See the License for details about distribution rights, and the
specific rights regarding derivate works.

You may obtain a copy of the License at:

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

1.451 vim 7.4.629 6.el7

1.451.1 Available under license :

```
/*
 * Copyright (C) 1989-95 GROUPE BULL
 *
 * Permission is hereby granted, free of charge, to any person obtaining a copy
 * of this software and associated documentation files (the "Software"), to
 * deal in the Software without restriction, including without limitation the
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 * used in advertising or otherwise to promote the sale, use or other dealings
 * in this Software without prior written authorization from GROUPE BULL.
 */
```

```
Arnaud LE HORS    BULL Research FRANCE -- Koala Project
                  (XPM - X PixMap format version 2 & 3)
Internet:    lehors@sophia.inria.fr
Surface Mail:    Arnaud LE HORS, INRIA - Sophia Antipolis,
                  2004, route des Lucioles, 06565 Valbonne Cedex -- FRANCE
Voice phone:    (33) 93.65.77.71, Fax: (33) 93 65 77 66, Telex: 97 00 50 F
" Vim syntax file
" Language: Software Distributor product specification file
" (POSIX 1387.2-1995).
" Maintainer: Rex Barzee <rex_barzee@hp.com>
" Last change: 25 Apr 2001
```

```
if version < 600
" Remove any old syntax stuff hanging around
syn clear
elseif exists("b:current_syntax")
finish
endif
```

" Product specification files are case sensitive

syn case match

syn keyword psfObject bundle category control_file depot distribution

syn keyword psfObject end file fileset host installed_software media

syn keyword psfObject product root subproduct vendor

syn match psfUnquotString +[^"#][^#]*+ contained

syn region psfQuotString start="+ " skip="+" end="+ " contained

syn match psfObjTag "\<[-_+A-Z0-9a-z]+\(\.[-_+A-Z0-9a-z]+\)*" contained

syn match psfAttAbbrev ",\<(\(fa\|fr\|[\aclqrv])\)\<(\>|\<=\>|=|\<==\>)[^,]*" contained

syn match psfObjTags "\<[-_+A-Z0-9a-z]+\(\.[-_+A-Z0-9a-z]+\)*\(\s\+\<[-_+A-Z0-9a-z]+\(\.[-_+A-Z0-9a-z]+\)*\)*" contained

syn match psfNumber "\<d\>" contained

syn match psfFloat "\<d\>(\.d\>)*" contained

syn match psfLongDate "\<d\d\d\d\d\d\d\d\d\d\d\>" contained

syn keyword psfState available configured corrupt installed transient contained

syn keyword psfPState applied committed superseded contained

syn keyword psfBoolean false true contained

"Some of the attributes covered by attUnquotString and attQuotString:

" architecture category_tag control_directory copyright

" create_date description directory file_permissions install_source

" install_type location machine_type mod_date number os_name os_release

" os_version pose_as_os_name pose_as_os_release readme revision

" share_link title vendor_tag

syn region psfAttUnquotString matchgroup=psfAttrib start=~^s*[^#]+\s+[^#]~rs=e-1

contains=psfUnquotString,psfComment end=~\$~ keepend oneline

syn region psfAttQuotString matchgroup=psfAttrib start=~^s*[^#]+\s+"~rs=e-1

contains=psfQuotString,psfComment skip=~\~ matchgroup=psfQuotString end=~"~ keepend

" These regions are defined in attempt to do syntax checking for some

" of the attributes.

syn region psfAttTag matchgroup=psfAttrib start=~^s*tag\s+" contains=psfObjTag,psfComment end="\$" keepend

oneline

syn region psfAttSpec matchgroup=psfAttrib

start=~^s*(ancestor\|applied_patches\|applied_to\|contents\|corequisites\|exquisites\|prerequisites\|software_spec\|

supersedes\|superseded_by\)\s+" contains=psfObjTag,psfAttAbbrev,psfComment end="\$" keepend


```
syn region psfAttTags matchgroup=psfAttrib start="^\s*all_filesets\s\+" contains=psfObjTags,psfComment end="$"
keepend
```

```
syn region psfAttNumber matchgroup=psfAttrib
start="^\s*\(compressed_size\|instance_id\|media_sequence_number\|sequence_number\|size\)\s\+"
contains=psfNumber,psfComment end="$" keepend oneline
```

```
syn region psfAttTime matchgroup=psfAttrib start="^\s*\(create_time\|ctime\|mod_time\|mtime\|timestamp\)\s\+"
contains=psfNumber,psfComment end="$" keepend oneline
```

```
syn region psfAttFloat matchgroup=psfAttrib start="^\s*\(data_model_revision\|layout_version\)\s\+"
contains=psfFloat,psfComment end="$" keepend oneline
```

```
syn region psfAttLongDate matchgroup=psfAttrib start="^\s*install_date\s\+" contains=psfLongDate,psfComment
end="$" keepend oneline
```

```
syn region psfAttState matchgroup=psfAttrib start="^\s*\(state\)\s\+" contains=psfState,psfComment end="$"
keepend oneline
```

```
syn region psfAttPState matchgroup=psfAttrib start="^\s*\(patch_state\)\s\+" contains=psfPState,psfComment
end="$" keepend oneline
```

```
syn region psfAttBoolean matchgroup=psfAttrib
start="^\s*\(is_kernel\|is_locatable\|is_patch\|is_protected\|is_reboot\|is_reference\|is_secure\|is_sparse\)\s\+"
contains=psfBoolean,psfComment end="$" keepend oneline
```

```
syn match psfComment "#.*$"
```

" Define the default highlighting.

" For version 5.7 and earlier: only when not done already

" For version 5.8 and later: only when an item doesn't have highlighting yet

```
if version >= 508 || !exists("did_psf_syntax_inits")
```

```
if version < 508
```

```
  let did_psf_syntax_inits = 1
```

```
  command -nargs=+ HiLink hi link <args>
```

```
else
```

```
  command -nargs=+ HiLink hi def link <args>
```

```
endif
```

```
HiLink psfObject    Statement
```

```
HiLink psfAttrib    Type
```

```
HiLink psfQuotString String
```

```
HiLink psfObjTag    Identifier
```

```
HiLink psfAttAbbrev PreProc
```

```
HiLink psfObjTags   Identifier
```

```
HiLink psfComment   Comment
```

```
delcommand HiLink
endif
```

```
" Long descriptions and copyrights confuse the syntax highlighting, so
" force vim to backup at least 100 lines before the top visible line
" looking for a sync location.
syn sync lines=100
```

```
let b:current_syntax = "psf"
*uganda.txt* For Vim version 7.4. Last change: 2013 Jul 06
```

VIM REFERENCE MANUAL by Bram Moolenaar

```
*uganda* *Uganda* *copying* *copyright* *license*
SUMMARY
```

```
*iccf* *ICCF*
```

Vim is Charityware. You can use and copy it as much as you like, but you are encouraged to make a donation for needy children in Uganda. Please see `|kcc|` below or visit the ICCF web site, available at these URLs:

```
http://iccf-holland.org/
http://www.vim.org/iccf/
http://www.iccf.nl/
```

You can also sponsor the development of Vim. Vim sponsors can vote for features. See `|sponsor|`. The money goes to Uganda anyway.

The Open Publication License applies to the Vim documentation, see `|manual-copyright|`.

```
==== begin of license ====
```

VIM LICENSE

D) There are no restrictions on distributing unmodified copies of Vim except that they must include this license text. You can also distribute unmodified parts of Vim, likewise unrestricted except that they must include this license text. You are also allowed to include executables that you made from the unmodified Vim sources, plus your own usage examples and Vim scripts.

II) It is allowed to distribute a modified (or extended) version of Vim, including executables and/or source code, when the following four conditions are met:

1) This license text must be included unmodified.

2) The modified Vim must be distributed in one of the following five ways:

a) If you make changes to Vim yourself, you must clearly describe in the distribution how to contact you. When the maintainer asks you (in any way) for a copy of the modified Vim you distributed, you must make your changes, including source code, available to the maintainer without fee. The maintainer reserves the right to include your changes in the official version of Vim. What the maintainer will do with your changes and under what license they will be distributed is negotiable. If there has been no negotiation then this license, or a later version, also applies to your changes. The current maintainer is Bram Moolenaar <Bram@vim.org>. If this changes it will be announced in appropriate places (most likely vim.sf.net, www.vim.org and/or comp.editors). When it is completely impossible to contact the maintainer, the obligation to send him your changes ceases. Once the maintainer has confirmed that he has received your changes they will not have to be sent again.

b) If you have received a modified Vim that was distributed as mentioned under a) you are allowed to further distribute it unmodified, as mentioned at D). If you make additional changes the text under a) applies to those changes.

c) Provide all the changes, including source code, with every copy of the modified Vim you distribute. This may be done in the form of a context diff. You can choose what license to use for new code you add. The changes and their license must not restrict others from making their own changes to the official version of Vim.

d) When you have a modified Vim which includes changes as mentioned under c), you can distribute it without the source code for the changes if the following three conditions are met:

- The license that applies to the changes permits you to distribute the changes to the Vim maintainer without fee or restriction, and permits the Vim maintainer to include the changes in the official version of Vim without fee or restriction.
- You keep the changes for at least three years after last distributing the corresponding modified Vim. When the maintainer or someone who you distributed the modified Vim to asks you (in any way) for the changes within this period, you must make them available to him.
- You clearly describe in the distribution how to contact you. This contact information must remain valid for at least three years after last distributing the corresponding modified Vim, or as long as possible.

e) When the GNU General Public License (GPL) applies to the changes, you can distribute the modified Vim under the GNU GPL version 2 or any later version.

3) A message must be added, at least in the output of the ":version" command and in the intro screen, such that the user of the modified Vim is able to see that it was modified. When distributing as mentioned under 2)e) adding the message is only required for as far as this does

not conflict with the license used for the changes.

- 4) The contact information as required under 2)a) and 2)d) must not be removed or changed, except that the person himself can make corrections.

III) If you distribute a modified version of Vim, you are encouraged to use the Vim license for your changes and make them available to the maintainer, including the source code. The preferred way to do this is by e-mail or by uploading the files to a server and e-mailing the URL. If the number of changes is small (e.g., a modified Makefile) e-mailing a context diff will do. The e-mail address to be used is <maintainer@vim.org>

IV) It is not allowed to remove this license from the distribution of the Vim sources, parts of it or from a modified version. You may use this license for previous Vim releases instead of the license that they came with, at your option.

=== end of license ===

Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.
- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.
- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.
- If you link Vim with a library that goes under the GNU GPL, this limits further distribution to the GNU GPL. Also when you didn't actually change anything in Vim.
- Once a change is included that goes under the GNU GPL, this forces all further changes to also be made under the GNU GPL or a compatible license.
- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED_BY define.

=====
Kibaale Children's Centre *kcc* *Kibaale* *charity*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai

District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

donate

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Further more, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:

Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money: *iccf-donations*

Check the ICCF web site for the latest information! See [|iccf|](#) for the URL.

USA: The methods mentioned below can be used.

Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.

For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly. Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.
Kibaale Children's Fund c/o Pacific Academy
10238-168 Street

Surrey, B.C. V4N 1Z4

Canada

Phone: 604-581-5353

If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse.

This will allow for tax deduction if you live in Holland.

Postbank, nr. 4548774

IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return.

Check the ICCF web site for the latest information:

<http://iccf-holland.org/germany.html>

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.

Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It's really simple to use. Use this link to find more info:

https://www.paypal.com/en_US/mrb/pal=XAC62PML3GF8Q

The e-mail address for sending the money to is:

Bram@iccf-holland.org

For amounts above 400 Euro (\$500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:

Postbank, account 4548774

Swift code: INGB NL 2A

IBAN: NL95 INGB 0004 5487 74

under the name "stichting ICCF Holland", Lisse

If that doesn't work:

Rabobank Lisse, account 3765.05.117

Swift code: RABO NL 2U

under the name "Bram Moolenaar", Lisse

Otherwise, send a check in euro or US dollars to the address below. Minimal amount: \$70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:

Bram Moolenaar
Finsterruetihof 1
8134 Adliswil
Switzerland

This address is expected to be valid for a long time.

vim:tw=78:ts=8:ft=help:norl:

1.452 diffutils 3.3 5.el7

1.452.1 Available under license :

From RPM File Metadata:GPLv3+

/* diff - compare files line by line

Copyright (C) 1988-1989, 1992-1994, 1996, 1998, 2001-2002, 2004, 2006-2007,
2009-2013 Free Software Foundation, Inc.

This file is part of GNU DIFF.

This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program. If not, see <<http://www.gnu.org/licenses/>>. */

```
#define GDIFF_MAIN
#include "diff.h"
#include <assert.h>
#include "paths.h"
#include <c-stack.h>
#include <dirname.h>
#include <error.h>
#include <exclude.h>
#include <exitfail.h>
#include <filenamecat.h>
#include <file-type.h>
#include <fnmatch.h>
```



```

#include <getopt.h>
#include <hard-locale.h>
#include <prepargs.h>
#include <progrname.h>
#include <sh-quote.h>
#include <stat-time.h>
#include <timespec.h>
#include <version-etc.h>
#include <xalloc.h>
#include <xreadlink.h>
#include <binary-io.h>

/* The official name of this program (e.g., no 'g' prefix). */
#define PROGRAM_NAME "diff"

#define AUTHORS \
proper_name ("Paul Eggert"), \
proper_name ("Mike Haertel"), \
proper_name ("David Hayes"), \
proper_name ("Richard Stallman"), \
proper_name ("Len Tower")

#ifndef GUTTER_WIDTH_MINIMUM
# define GUTTER_WIDTH_MINIMUM 3
#endif

struct regexp_list
{
    char *regexps; /* chars representing disjunction of the regexps */
    size_t len; /* chars used in 'regexps' */
    size_t size; /* size malloc'ed for 'regexps'; 0 if not malloc'ed */
    bool multiple_regexps; /* Does 'regexps' represent a disjunction? */
    struct re_pattern_buffer *buf;
};

static int compare_files (struct comparison const *, char const *, char const *);
static void add_regexp (struct regexp_list *, char const *);
static void summarize_regexp_list (struct regexp_list *);
static void specify_style (enum output_style);
static void specify_value (char const **, char const *, char const *);
static void try_help (char const *, char const *) __attribute__((noreturn));
static void check_stdout (void);
static void usage (void);

/* If comparing directories, compare their common subdirectories
   recursively. */
static bool recursive;

```

```

/* In context diffs, show previous lines that match these regexps. */
static struct regexp_list function_regexp_list;

/* Ignore changes affecting only lines that match these regexps. */
static struct regexp_list ignore_regexp_list;

#if O_BINARY
/* Use binary I/O when reading and writing data (--binary).
   On POSIX hosts, this has no effect. */
static bool binary;
#else
enum { binary = true };
#endif

/* If one file is missing, treat it as present but empty (-N). */
static bool new_file;

/* If the first file is missing, treat it as present but empty
   (--unidirectional-new-file). */
static bool unidirectional_new_file;

/* Report files compared that are the same (-s).
   Normally nothing is output when that happens. */
static bool report_identical_files;

static char const shortopts[] =
"0123456789abBcC:dD:eEfF:hHiI:lL:nNpPqrsS:tTuU:vwW:x:X:yZ";

/* Values for long options that do not have single-letter equivalents. */
enum
{
    BINARY_OPTION = CHAR_MAX + 1,
    FROM_FILE_OPTION,
    HELP_OPTION,
    HORIZON_LINES_OPTION,
    IGNORE_FILE_NAME_CASE_OPTION,
    INHIBIT_HUNK_MERGE_OPTION,
    LEFT_COLUMN_OPTION,
    LINE_FORMAT_OPTION,
    NO_DEREFERENCE_OPTION,
    NO_IGNORE_FILE_NAME_CASE_OPTION,
    NORMAL_OPTION,
    SDIFF_MERGE_ASSIST_OPTION,
    STRIP_TRAILING_CR_OPTION,
    SUPPRESS_BLANK_EMPTY_OPTION,
    SUPPRESS_COMMON_LINES_OPTION,
    TABSIZE_OPTION,
    TO_FILE_OPTION,

```

```

/* These options must be in sequence. */
UNCHANGED_LINE_FORMAT_OPTION,
OLD_LINE_FORMAT_OPTION,
NEW_LINE_FORMAT_OPTION,

/* These options must be in sequence. */
UNCHANGED_GROUP_FORMAT_OPTION,
OLD_GROUP_FORMAT_OPTION,
NEW_GROUP_FORMAT_OPTION,
CHANGED_GROUP_FORMAT_OPTION
};

static char const group_format_option[][sizeof "--unchanged-group-format"] =
{
    "--unchanged-group-format",
    "--old-group-format",
    "--new-group-format",
    "--changed-group-format"
};

static char const line_format_option[][sizeof "--unchanged-line-format"] =
{
    "--unchanged-line-format",
    "--old-line-format",
    "--new-line-format"
};

static struct option const longopts[] =
{
    {"binary", 0, 0, BINARY_OPTION},
    {"brief", 0, 0, 'q'},
    {"changed-group-format", 1, 0, CHANGED_GROUP_FORMAT_OPTION},
    {"context", 2, 0, 'C'},
    {"ed", 0, 0, 'e'},
    {"exclude", 1, 0, 'x'},
    {"exclude-from", 1, 0, 'X'},
    {"expand-tabs", 0, 0, 't'},
    {"forward-ed", 0, 0, 'f'},
    {"from-file", 1, 0, FROM_FILE_OPTION},
    {"help", 0, 0, HELP_OPTION},
    {"horizon-lines", 1, 0, HORIZON_LINES_OPTION},
    {"ifdef", 1, 0, 'D'},
    {"ignore-all-space", 0, 0, 'w'},
    {"ignore-blank-lines", 0, 0, 'B'},
    {"ignore-case", 0, 0, 'i'},
    {"ignore-file-name-case", 0, 0, IGNORE_FILE_NAME_CASE_OPTION},
    {"ignore-matching-lines", 1, 0, 'I'},

```

```

{"ignore-space-change", 0, 0, 'b'},
{"ignore-tab-expansion", 0, 0, 'E'},
{"ignore-trailing-space", 0, 0, 'Z'},
{"inhibit-hunk-merge", 0, 0, INHIBIT_HUNK_MERGE_OPTION},
{"initial-tab", 0, 0, 'T'},
{"label", 1, 0, 'L'},
{"left-column", 0, 0, LEFT_COLUMN_OPTION},
{"line-format", 1, 0, LINE_FORMAT_OPTION},
{"minimal", 0, 0, 'd'},
{"new-file", 0, 0, 'N'},
{"new-group-format", 1, 0, NEW_GROUP_FORMAT_OPTION},
{"new-line-format", 1, 0, NEW_LINE_FORMAT_OPTION},
{"no-dereference", 0, 0, NO_DEREFERENCE_OPTION},
{"no-ignore-file-name-case", 0, 0, NO_IGNORE_FILE_NAME_CASE_OPTION},
{"normal", 0, 0, NORMAL_OPTION},
{"old-group-format", 1, 0, OLD_GROUP_FORMAT_OPTION},
{"old-line-format", 1, 0, OLD_LINE_FORMAT_OPTION},
{"paginate", 0, 0, 'l'},
{"rcs", 0, 0, 'n'},
{"recursive", 0, 0, 'r'},
{"report-identical-files", 0, 0, 's'},
{"sdiff-merge-assist", 0, 0, SDIFF_MERGE_ASSIST_OPTION},
{"show-c-function", 0, 0, 'p'},
{"show-function-line", 1, 0, 'F'},
{"side-by-side", 0, 0, 'y'},
{"speed-large-files", 0, 0, 'H'},
{"starting-file", 1, 0, 'S'},
{"strip-trailing-cr", 0, 0, STRIP_TRAILING_CR_OPTION},
{"suppress-blank-empty", 0, 0, SUPPRESS_BLANK_EMPTY_OPTION},
{"suppress-common-lines", 0, 0, SUPPRESS_COMMON_LINES_OPTION},
{"tabsize", 1, 0, TABSIZE_OPTION},
{"text", 0, 0, 'a'},
{"to-file", 1, 0, TO_FILE_OPTION},
{"unchanged-group-format", 1, 0, UNCHANGED_GROUP_FORMAT_OPTION},
{"unchanged-line-format", 1, 0, UNCHANGED_LINE_FORMAT_OPTION},
{"unidirectional-new-file", 0, 0, 'P'},
{"unified", 2, 0, 'U'},
{"version", 0, 0, 'v'},
{"width", 1, 0, 'W'},
{0, 0, 0, 0}
};

```

/* Return a string containing the command options with which diff was invoked.

Spaces appear between what were separate ARGV-elements.

There is a space at the beginning but none at the end.

If there were no options, the result is an empty string.

Arguments: OPTIONVEC, a vector containing separate ARGV-elements, and COUNT,

```

the length of that vector. */

static char *
option_list (char **optionvec, int count)
{
    int i;
    size_t size = 1;
    char *result;
    char *p;

    for (i = 0; i < count; i++)
        size += 1 + shell_quote_length (optionvec[i]);

    p = result = xmalloc (size);

    for (i = 0; i < count; i++)
        {
            *p++ = ' ';
            p = shell_quote_copy (p, optionvec[i]);
        }

    *p = '\0';
    return result;
}

/* Return an option value suitable for add_exclude. */

static int
exclude_options (void)
{
    return EXCLUDE_WILDCARDS | (ignore_file_name_case ? FNM_CASEFOLD : 0);
}

int
main (int argc, char **argv)
{
    int exit_status = EXIT_SUCCESS;
    int c;
    int i;
    int prev = -1;
    lin ocontext = -1;
    bool explicit_context = false;
    size_t width = 0;
    bool show_c_function = false;
    char const *from_file = NULL;
    char const *to_file = NULL;
    uintmax_t numval;

```

```

char *numend;

/* Do our initializations. */
exit_failure = EXIT_TROUBLE;
initialize_main (&argc, &argv);
set_program_name (argv[0]);
setlocale (LC_ALL, "");
bindtextdomain (PACKAGE, LOCALEDIR);
textdomain (PACKAGE);
c_stack_action (0);
function_regexp_list.buf = &function_regexp;
ignore_regexp_list.buf = &ignore_regexp;
re_set_syntax (RE_SYNTAX_GREP | RE_NO_POSIX_BACKTRACKING);
excluded = new_exclude ();

/* Decode the options. */

while ((c = getopt_long (argc, argv, shortopts, longopts, NULL)) != -1)
{
    switch (c)
    {
    case 0:
        break;

    case '0':
    case '1':
    case '2':
    case '3':
    case '4':
    case '5':
    case '6':
    case '7':
    case '8':
    case '9':
        if (! ISDIGIT (prev))
            ocontext = c - '0';
        else if (LIN_MAX / 10 < ocontext
            || ((ocontext = 10 * ocontext + c - '0') < 0))
            ocontext = LIN_MAX;
        break;

    case 'a':
        text = true;
        break;

    case 'b':
        if (ignore_white_space < IGNORE_SPACE_CHANGE)
            ignore_white_space = IGNORE_SPACE_CHANGE;

```

```

break;

case 'Z':
if (ignore_white_space < IGNORE_SPACE_CHANGE)
    ignore_white_space |= IGNORE_TRAILING_SPACE;
break;

case 'B':
ignore_blank_lines = true;
break;

case 'C':
case 'U':
{
    if (optarg)
    {
numval = strtoumax (optarg, &numend, 10);
if (*numend)
    try_help ("invalid context length '%s'", optarg);
if (LIN_MAX < numval)
    numval = LIN_MAX;
    }
    else
        numval = 3;

    specify_style (c == 'U' ? OUTPUT_UNIFIED : OUTPUT_CONTEXT);
    if (context < numval)
        context = numval;
    explicit_context = true;
}
break;

case 'c':
specify_style (OUTPUT_CONTEXT);
if (context < 3)
    context = 3;
break;

case 'd':
minimal = true;
break;

case 'D':
specify_style (OUTPUT_IFDEF);
{
    static char const C_ifdef_group_formats[] =
        "%s=%s#ifndef %s\n%>#endif /* ! %s *\n%c#endif %s\n%>#endif /* %s *\n%c#endif %s\n%>#else
/* %s *\n%>#endif /* %s *\n";

```

```

char *b = xmalloc (sizeof C_ifdef_group_formats
+ 7 * strlen (optarg) - 14 /* 7*"%"s" */
- 8 /* 5*"%" + 3*"%"c" */);
sprintf (b, C_ifdef_group_formats,
0,
optarg, optarg, 0,
optarg, optarg, 0,
optarg, optarg, optarg);
for (i = 0; i < sizeof group_format / sizeof group_format[0]; i++)
{
specify_value (&group_format[i], b, "-D");
b += strlen (b) + 1;
}
}
break;

case 'e':
specify_style (OUTPUT_ED);
break;

case 'E':
if (ignore_white_space < IGNORE_SPACE_CHANGE)
ignore_white_space |= IGNORE_TAB_EXPANSION;
break;

case 'f':
specify_style (OUTPUT_FORWARD_ED);
break;

case 'F':
add_regexp (&function_regexp_list, optarg);
break;

case 'h':
/* Split the files into chunks for faster processing.
Usually does not change the result.

This currently has no effect. */
break;

case 'H':
speed_large_files = true;
break;

case 'i':
ignore_case = true;
break;

```



```

case 'I':
    add_regexp (&ignore_regexp_list, optarg);
    break;

case 'l':
    if (!pr_program[0])
        try_help ("pagination not supported on this host", NULL);
    paginate = true;
#ifdef SIGCHLD
    /* Pagination requires forking and waiting, and
       System V fork+wait does not work if SIGCHLD is ignored. */
    signal (SIGCHLD, SIG_DFL);
#endif
    break;

case 'L':
    if (!file_label[0])
        file_label[0] = optarg;
    else if (!file_label[1])
        file_label[1] = optarg;
    else
        fatal ("too many file label options");
    break;

case 'n':
    specify_style (OUTPUT_RCS);
    break;

case 'N':
    new_file = true;
    break;

case 'p':
    show_c_function = true;
    add_regexp (&function_regexp_list, "^[[:alpha:]]$");
    break;

case 'P':
    unidirectional_new_file = true;
    break;

case 'q':
    brief = true;
    break;

case 'r':
    recursive = true;
    break;

```

```
case 's':
    report_identical_files = true;
    break;

case 'S':
    specify_value (&starting_file, optarg, "-S");
    break;

case 't':
    expand_tabs = true;
    break;

case 'T':
    initial_tab = true;
    break;

case 'u':
    specify_style (OUTPUT_UNIFIED);
    if (context < 3)
        context = 3;
    break;

case 'v':
    version_etc (stdout, PROGRAM_NAME, PACKAGE_NAME, Version,
        AUTHORS, (char *) NULL);
    check_stdout ();
    return EXIT_SUCCESS;

case 'w':
    ignore_white_space = IGNORE_ALL_SPACE;
    break;

case 'x':
    add_exclude (excluded, optarg, exclude_options ());
    break;

case 'X':
    if (add_exclude_file (add_exclude, excluded, optarg,
        exclude_options (), '\n'))
        pfatal_with_name (optarg);
    break;

case 'y':
    specify_style (OUTPUT_SDIFF);
    break;

case 'W':
```

```

numval = strtoumax (optarg, &numend, 10);
if (! (0 < numval && numval <= SIZE_MAX) || *numend)
    try_help ("invalid width '%s'", optarg);
if (width != numval)
    {
        if (width)
            fatal ("conflicting width options");
        width = numval;
    }
break;

case BINARY_OPTION:
#ifdef O_BINARY
    binary = true;
    if (! isatty (STDOUT_FILENO))
        set_binary_mode (STDOUT_FILENO, O_BINARY);
#endif
break;

case FROM_FILE_OPTION:
    specify_value (&from_file, optarg, "--from-file");
break;

case HELP_OPTION:
    usage ();
    check_stdout ();
    return EXIT_SUCCESS;

case HORIZON_LINES_OPTION:
    numval = strtoumax (optarg, &numend, 10);
    if (*numend)
        try_help ("invalid horizon length '%s'", optarg);
    horizon_lines = MAX (horizon_lines, MIN (numval, LIN_MAX));
break;

case IGNORE_FILE_NAME_CASE_OPTION:
    ignore_file_name_case = true;
break;

case INHIBIT_HUNK_MERGE_OPTION:
    /* This option is obsolete, but accept it for backward
       compatibility. */
break;

case LEFT_COLUMN_OPTION:
    left_column = true;
break;

```

```

case LINE_FORMAT_OPTION:
    specify_style (OUTPUT_IFDEF);
    for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
        specify_value (&line_format[i], optarg, "--line-format");
    break;

case NO_DEREFERENCE_OPTION:
    no_dereference_symlinks = true;
    break;

case NO_IGNORE_FILE_NAME_CASE_OPTION:
    ignore_file_name_case = false;
    break;

case NORMAL_OPTION:
    specify_style (OUTPUT_NORMAL);
    break;

case SDIFF_MERGE_ASSIST_OPTION:
    specify_style (OUTPUT_SDIFF);
    sdiff_merge_assist = true;
    break;

case STRIP_TRAILING_CR_OPTION:
    strip_trailing_cr = true;
    break;

case SUPPRESS_BLANK_EMPTY_OPTION:
    suppress_blank_empty = true;
    break;

case SUPPRESS_COMMON_LINES_OPTION:
    suppress_common_lines = true;
    break;

case TABSIZE_OPTION:
    numval = strtoumax (optarg, &numend, 10);
    if (! (0 < numval && numval <= SIZE_MAX) || *numend)
        try_help ("invalid tabsize '%s'", optarg);
    if (tabsize != numval)
    {
        if (tabsize)
            fatal ("conflicting tabsize options");
        tabsize = numval;
    }
    break;

case TO_FILE_OPTION:

```

```

specify_value (&to_file, optarg, "--to-file");
break;

case UNCHANGED_LINE_FORMAT_OPTION:
case OLD_LINE_FORMAT_OPTION:
case NEW_LINE_FORMAT_OPTION:
specify_style (OUTPUT_IFDEF);
c -= UNCHANGED_LINE_FORMAT_OPTION;
specify_value (&line_format[c], optarg, line_format_option[c]);
break;

case UNCHANGED_GROUP_FORMAT_OPTION:
case OLD_GROUP_FORMAT_OPTION:
case NEW_GROUP_FORMAT_OPTION:
case CHANGED_GROUP_FORMAT_OPTION:
specify_style (OUTPUT_IFDEF);
c -= UNCHANGED_GROUP_FORMAT_OPTION;
specify_value (&group_format[c], optarg, group_format_option[c]);
break;

default:
try_help (NULL, NULL);
}
prev = c;
}

if (output_style == OUTPUT_UNSPECIFIED)
{
if (show_c_function)
{
specify_style (OUTPUT_CONTEXT);
if (ocontext < 0)
context = 3;
}
else
specify_style (OUTPUT_NORMAL);
}

if (output_style != OUTPUT_CONTEXT || hard_locale (LC_TIME))
{
#if (defined STAT_TIMESPEC || defined STAT_TIMESPEC_NS \
|| defined HAVE_STRUCT_STAT_ST_SPARE1)
time_format = "%Y-%m-%d %H:%M:%S.%N %z";
#else
time_format = "%Y-%m-%d %H:%M:%S %z";
#endif
}
else

```

```

{
    /* See POSIX 1003.1-2001 for this format. */
    time_format = "%a %b %e %T %Y";
}

if (0 <= ocontext
    && (output_style == OUTPUT_CONTEXT
    || output_style == OUTPUT_UNIFIED)
    && (context < ocontext
    || (ocontext < context && ! explicit_context)))
    context = ocontext;

if (! tabsize)
    tabsize = 8;
if (! width)
    width = 130;

{
    /* Maximize first the half line width, and then the gutter width,
       according to the following constraints:

1. Two half lines plus a gutter must fit in a line.
2. If the half line width is nonzero:
   a. The gutter width is at least GUTTER_WIDTH_MINIMUM.
   b. If tabs are not expanded to spaces,
      a half line plus a gutter is an integral number of tabs,
      so that tabs in the right column line up. */

    intmax_t t = expand_tabs ? 1 : tabsize;
    intmax_t w = width;
    intmax_t off = (w + t + GUTTER_WIDTH_MINIMUM) / (2 * t) * t;
    sdiff_half_width = MAX (0, MIN (off - GUTTER_WIDTH_MINIMUM, w - off)),
    sdiff_column2_offset = sdiff_half_width ? off : w;
}

/* Make the horizon at least as large as the context, so that
   shift_boundaries has more freedom to shift the first and last hunks. */
if (horizon_lines < context)
    horizon_lines = context;

summarize_regexp_list (&function_regexp_list);
summarize_regexp_list (&ignore_regexp_list);

if (output_style == OUTPUT_IFDEF)
{
    for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
if (!line_format[i])
    line_format[i] = "%l\n";
}

```

```

    if (!group_format[OLD])
group_format[OLD]
    = group_format[CHANGED] ? group_format[CHANGED] : "%<";
    if (!group_format[NEW])
group_format[NEW]
    = group_format[CHANGED] ? group_format[CHANGED] : "%>";
    if (!group_format[UNCHANGED])
group_format[UNCHANGED] = "%=";
    if (!group_format[CHANGED])
group_format[CHANGED] = concat (group_format[OLD],
    group_format[NEW], "");
}

```

```

no_diff_means_no_output =
(output_style == OUTPUT_IFDEF ?
    (!*group_format[UNCHANGED]
    || (STREQ (group_format[UNCHANGED], "%=")
    && !*line_format[UNCHANGED]))
: (output_style != OUTPUT_SDIFF) | suppress_common_lines);

```

```

files_can_be_treated_as_binary =
(brief & binary
    & ~ (ignore_blank_lines | ignore_case | strip_trailing_cr
    | (ignore_regexp_list.regexp || ignore_white_space)));

```

```

switch_string = option_list (argv + 1, optind - 1);

```

```

if (from_file)
{
    if (to_file)
fatal ("--from-file and --to-file both specified");
    else
for (; optind < argc; optind++)
{
    int status = compare_files (NULL, from_file, argv[optind]);
    if (exit_status < status)
        exit_status = status;
}
}
else
{
    if (to_file)
for (; optind < argc; optind++)
{
    int status = compare_files (NULL, argv[optind], to_file);
    if (exit_status < status)
        exit_status = status;
}
}

```

```

    else
    {
    if (argc - optind != 2)
        {
        if (argc - optind < 2)
            try_help ("missing operand after '%s'", argv[argc - 1]);
        else
            try_help ("extra operand '%s'", argv[optind + 2]);
        }

    exit_status = compare_files (NULL, argv[optind], argv[optind + 1]);
    }
}

/* Print any messages that were saved up for last. */
print_message_queue ();

check_stdout ();
exit (exit_status);
return exit_status;
}

/* Append to REGLIST the regexp PATTERN. */

static void
add_regexp (struct regexp_list *reglist, char const *pattern)
{
    size_t patlen = strlen (pattern);
    char const *m = re_compile_pattern (pattern, patlen, reglist->buf);

    if (m != 0)
        error (0, 0, "%s: %s", pattern, m);
    else
        {
        char *regexps = reglist->regexps;
        size_t len = reglist->len;
        bool multiple_regexps = reglist->multiple_regexps = regexps != 0;
        size_t newlen = reglist->len = len + 2 * multiple_regexps + patlen;
        size_t size = reglist->size;

        if (size <= newlen)
            {
            if (!size)
                size = 1;

            do size *= 2;
            while (size <= newlen);
            }
        }
}

```



```

    reglist->size = size;
    reglist->regexps = regexps = xrealloc (regexps, size);
}
    if (multiple_regexps)
{
    regexps[len++] = '\\';
    regexps[len++] = '|';
}
    memcpy (regexps + len, pattern, patlen + 1);
}
}

/* Ensure that REGLIST represents the disjunction of its regexps.
   This is done here, rather than earlier, to avoid O(N^2) behavior. */

static void
summarize_regexp_list (struct regexp_list *reglist)
{
    if (reglist->regexps)
    {
        /* At least one regexp was specified. Allocate a fastmap for it. */
        reglist->buf->fastmap = xmalloc (1 << CHAR_BIT);
        if (reglist->multiple_regexps)
        {
            /* Compile the disjunction of the regexps.
               (If just one regexp was specified, it is already compiled.) */
            char const *m = re_compile_pattern (reglist->regexps, reglist->len,
                reglist->buf);
            if (m)
                error (EXIT_TROUBLE, 0, "%s: %s", reglist->regexps, m);
        }
    }
}

static void
try_help (char const *reason_msgid, char const *operand)
{
    if (reason_msgid)
        error (0, 0, _(reason_msgid), operand);
    error (EXIT_TROUBLE, 0, _("Try '%s --help' for more information."),
        program_name);
    abort ();
}

static void
check_stdout (void)
{
    if (ferror (stdout))

```

```

fatal ("write failed");
else if (fclose (stdout) != 0)
    pfatal_with_name (_("standard output"));
}

```

```

static char const * const option_help_msgid[] = {
N_(" --normal          output a normal diff (the default)"),
N_("-q, --brief        report only when files differ"),
N_("-s, --report-identical-files report when two files are the same"),
N_("-c, -C NUM, --context[=NUM] output NUM (default 3) lines of copied context"),
N_("-u, -U NUM, --unified[=NUM] output NUM (default 3) lines of unified context"),
N_("-e, --ed           output an ed script"),
N_("-n, --rcs          output an RCS format diff"),
N_("-y, --side-by-side output in two columns"),
N_("-W, --width=NUM    output at most NUM (default 130) print columns"),
N_(" --left-column     output only the left column of common lines"),
N_(" --suppress-common-lines do not output common lines"),
"",
N_("-p, --show-c-function show which C function each change is in"),
N_("-F, --show-function-line=RE show the most recent line matching RE"),
N_("- --label LABEL     use LABEL instead of file name\n"
"                      (can be repeated)"),
"",
N_("-t, --expand-tabs   expand tabs to spaces in output"),
N_("-T, --initial-tab   make tabs line up by prepending a tab"),
N_(" --tabsize=NUM      tab stops every NUM (default 8) print columns"),
N_(" --suppress-blank-empty suppress space or tab before empty output lines"),
N_("-l, --paginate     pass output through 'pr' to paginate it"),
"",
N_("-r, --recursive    recursively compare any subdirectories found"),
N_(" --no-dereference   don't follow symbolic links"),
N_("-N, --new-file      treat absent files as empty"),
N_(" --unidirectional-new-file treat absent first files as empty"),
N_(" --ignore-file-name-case ignore case when comparing file names"),
N_(" --no-ignore-file-name-case consider case when comparing file names"),
N_("-x, --exclude=PAT   exclude files that match PAT"),
N_("-X, --exclude-from=FILE exclude files that match any pattern in FILE"),
N_("-S, --starting-file=FILE start with FILE when comparing directories"),
N_("- --from-file=FILE1 compare FILE1 to all operands;\n"
"                      FILE1 can be a directory"),
N_("- --to-file=FILE2   compare all operands to FILE2;\n"
"                      FILE2 can be a directory"),
"",
N_("-i, --ignore-case   ignore case differences in file contents"),
N_("-E, --ignore-tab-expansion ignore changes due to tab expansion"),
N_("-Z, --ignore-trailing-space ignore white space at line end"),
N_("-b, --ignore-space-change ignore changes in the amount of white space"),
N_("-w, --ignore-all-space ignore all white space"),

```

```

N_("-B, --ignore-blank-lines    ignore changes where lines are all blank"),
N_("-I, --ignore-matching-lines=RE ignore changes where all lines match RE"),
"",
N_("-a, --text                treat all files as text"),
N_("  --strip-trailing-cr      strip trailing carriage return on input"),
#if O_BINARY
N_("  --binary                read and write data in binary mode"),
#endif
"",
N_("-D, --ifdef=NAME          output merged file with '#ifdef NAME' diffs"),
N_("  --GTYPE-group-format=GFMT  format GTYPE input groups with GFMT"),
N_("  --line-format=LFMT        format all input lines with LFMT"),
N_("  --LTYPE-line-format=LFMT   format LTYPE input lines with LFMT"),
N_(" These format options provide fine-grained control over the output\n"
   "  of diff, generalizing -D/--ifdef."),
N_(" LTYPE is 'old', 'new', or 'unchanged'.  GTYPE is LTYPE or 'changed.'"),
N_(" GFMT (only) may contain:\n\
%< lines from FILE1\n\
%> lines from FILE2\n\
%= lines common to FILE1 and FILE2\n\
%[-][[WIDTH][.[PREC]]]{doxX}LETTER printf-style spec for LETTER\n\
LETTERS are as follows for new group, lower case for old group:\n\
  F first line number\n\
  L last line number\n\
  N number of lines = L-F+1\n\
  E F-1\n\
  M L+1\n\
%(A=B?T:E) if A equals B then T else E"),
N_(" LFMT (only) may contain:\n\
%L contents of line\n\
%l contents of line, excluding any trailing newline\n\
%[-][[WIDTH][.[PREC]]]{doxX}n printf-style spec for input line number"),
N_(" Both GFMT and LFMT may contain:\n\
%% %\n\
%c'C' the single character C\n\
%c'\000' the character with octal code 000\n\
C the character C (other characters represent themselves)"),
"",
N_("-d, --minimal            try hard to find a smaller set of changes"),
N_("  --horizon-lines=NUM    keep NUM lines of the common prefix and suffix"),
N_("  --speed-large-files    assume large files and many scattered small changes"),
"",
N_("  --help                display this help and exit"),
N_("  -v, --version          output version information and exit"),
"",
N_("FILES are 'FILE1 FILE2' or 'DIR1 DIR2' or 'DIR FILE...' or 'FILE... DIR.'"),
N_("If --from-file or --to-file is given, there are no restrictions on FILE(s)."),
N_("If a FILE is '-', read standard input."),

```

```

N_("Exit status is 0 if inputs are the same, 1 if different, 2 if trouble."),
0
};

static void
usage (void)
{
char const * const *p;

printf (_("Usage: %s [OPTION]... FILES\n"), program_name);
printf ("%s\n\n", _("Compare FILES line by line."));

fputs (_("\n
Mandatory arguments to long options are mandatory for short options too.\n\n"), stdout);

for (p = option_help_msgid; *p; p++)
{
if (!**p)
putchar ('\n');
else
{
char const *msg = _(*p);
char const *nl;
while ((nl = strchr (msg, '\n')))
{
int msglen = nl + 1 - msg;
printf (" %.*s", msglen, msg);
msg = nl + 1;
}

printf (" %s\n" + 2 * (*msg != ' ' && *msg != '-'), msg);
}
}
emit_bug_reporting_address ();
}

/* Set VAR to VALUE, reporting an OPTION error if this is a
conflict. */
static void
specify_value (char const **var, char const *value, char const *option)
{
if (*var && !STREQ (*var, value))
{
error (0, 0, _("conflicting %s option value '%s'"), option, value);
try_help (NULL, NULL);
}
*var = value;

```

```

}

/* Set the output style to STYLE, diagnosing conflicts. */
static void
specify_style (enum output_style style)
{
    if (output_style != style)
    {
        if (output_style != OUTPUT_UNSPECIFIED)
            try_help ("conflicting output style options", NULL);
        output_style = style;
    }
}

/* Set the last-modified time of *ST to be the current time. */

static void
set_mtime_to_now (struct stat *st)
{
#ifdef STAT_TIMESPEC
    gettime (&STAT_TIMESPEC (st, st_mtim));
#else
    struct timespec t;
    gettime (&t);
    st->st_mtime = t.tv_sec;
    # if defined STAT_TIMESPEC_NS
        STAT_TIMESPEC_NS (st, st_mtim) = t.tv_nsec;
    # elif defined HAVE_STRUCT_STAT_ST_SPARE1
        st->st_spare1 = t.tv_nsec / 1000;
    # endif
#endif
}

/* Compare two files (or dirs) with parent comparison PARENT
and names NAME0 and NAME1.
(If PARENT is null, then the first name is just NAME0, etc.)
This is self-contained; it opens the files and closes them.

Value is EXIT_SUCCESS if files are the same, EXIT_FAILURE if
different, EXIT_TROUBLE if there is a problem opening them. */

static int
compare_files (struct comparison const *parent,
               char const *name0,
               char const *name1)
{
    struct comparison cmp;
#define DIR_P(f) (S_ISDIR (cmp.file[f].stat.st_mode) != 0)

```

```

register int f;
int status = EXIT_SUCCESS;
bool same_files;
char *free0;
char *free1;

/* If this is directory comparison, perhaps we have a file
   that exists only in one of the directories.
   If so, just print a message to that effect. */

if (!(name0 && name1)
    || (unidirectional_new_file && name1)
    || new_file))
{
    char const *name = name0 ? name0 : name1;
    char const *dir = parent->file[!name0].name;

    /* See POSIX 1003.1-2001 for this format. */
    message ("Only in %s: %s\n", dir, name);

    /* Return EXIT_FAILURE so that diff_dirs will return
       EXIT_FAILURE ("some files differ"). */
    return EXIT_FAILURE;
}

memset (cmp.file, 0, sizeof cmp.file);
cmp.parent = parent;

/* cmp.file[f].desc markers */
#define NONEXISTENT (-1) /* nonexistent file */
#define UNOPENED (-2) /* unopened file (e.g. directory) */
#define ERRNO_ENCODE(errno) (-3 - (errno)) /* encoded errno value */

#define ERRNO_DECODE(desc) (-3 - (desc)) /* inverse of ERRNO_ENCODE */

cmp.file[0].desc = name0 ? UNOPENED : NONEXISTENT;
cmp.file[1].desc = name1 ? UNOPENED : NONEXISTENT;

/* Now record the full name of each file, including nonexistent ones. */

if (!name0)
    name0 = name1;
if (!name1)
    name1 = name0;

if (!parent)
{
    free0 = NULL;

```

```

    free1 = NULL;
    cmp.file[0].name = name0;
    cmp.file[1].name = name1;
}
else
{
    cmp.file[0].name = free0
= file_name_concat (parent->file[0].name, name0, NULL);
    cmp.file[1].name = free1
= file_name_concat (parent->file[1].name, name1, NULL);
}

/* Stat the files. */

for (f = 0; f < 2; f++)
{
    if (cmp.file[f].desc != NONEXISTENT)
    {
        if (f && file_name_cmp (cmp.file[f].name, cmp.file[0].name) == 0)
        {
            cmp.file[f].desc = cmp.file[0].desc;
            cmp.file[f].stat = cmp.file[0].stat;
        }
        else if (STREQ (cmp.file[f].name, "-"))
        {
            cmp.file[f].desc = STDIN_FILENO;
            if (binary && ! isatty (STDIN_FILENO))
                set_binary_mode (STDIN_FILENO, O_BINARY);
            if (fstat (STDIN_FILENO, &cmp.file[f].stat) != 0)
                cmp.file[f].desc = ERRNO_ENCODE (errno);
            else
            {
                if (S_ISREG (cmp.file[f].stat.st_mode))
                {
                    off_t pos = lseek (STDIN_FILENO, 0, SEEK_CUR);
                    if (pos < 0)
                        cmp.file[f].desc = ERRNO_ENCODE (errno);
                    else
                        cmp.file[f].stat.st_size =
                            MAX (0, cmp.file[f].stat.st_size - pos);
                }
            }

            /* POSIX 1003.1-2001 requires current time for
            stdin. */
            set_mtime_to_now (&cmp.file[f].stat);
        }
    }
}
else if ((no_dereference_symlinks

```

```

    ? lstat (cmp.file[f].name, &cmp.file[f].stat)
    : stat (cmp.file[f].name, &cmp.file[f].stat)
    != 0)
    cmp.file[f].desc = ERRNO_ENCODE (errno);
}
}

/* Mark files as nonexistent as needed for -N and -P, if they are
inaccessible empty regular files (the kind of files that 'patch'
creates to indicate nonexistent backups), or if they are
top-level files that do not exist but their counterparts do
exist. */
for (f = 0; f < 2; f++)
    if ((new_file || (f == 0 && unidirectional_new_file))
&& (cmp.file[f].desc == UNOPENED
? (S_ISREG (cmp.file[f].stat.st_mode)
&& ! (cmp.file[f].stat.st_mode & (S_IRWXU | S_IRWXG | S_IRWXO))
&& cmp.file[f].stat.st_size == 0)
: ((cmp.file[f].desc == ERRNO_ENCODE (ENOENT)
|| cmp.file[f].desc == ERRNO_ENCODE (EBADF))
&& ! parent
&& (cmp.file[1 - f].desc == UNOPENED
|| cmp.file[1 - f].desc == STDIN_FILENO))))
        cmp.file[f].desc = NONEXISTENT;

for (f = 0; f < 2; f++)
    if (cmp.file[f].desc == NONEXISTENT)
    {
    memset (&cmp.file[f].stat, 0, sizeof cmp.file[f].stat);
    cmp.file[f].stat.st_mode = cmp.file[1 - f].stat.st_mode;
    }

for (f = 0; f < 2; f++)
    {
    int e = ERRNO_DECODE (cmp.file[f].desc);
    if (0 <= e)
    {
    errno = e;
    perror_with_name (cmp.file[f].name);
    status = EXIT_TROUBLE;
    }
    }

if (status == EXIT_SUCCESS && ! parent && DIR_P (0) != DIR_P (1))
    {
    /* If one is a directory, and it was specified in the command line,
use the file in that dir with the other file's basename. */

```



```

int fnm_arg = DIR_P (0);
int dir_arg = 1 - fnm_arg;
char const *fnm = cmp.file[fnm_arg].name;
char const *dir = cmp.file[dir_arg].name;
char const *filename = cmp.file[dir_arg].name = free0
= find_dir_file_pathname (dir, last_component (fnm));

if (STREQ (fnm, "-"))
fatal ("cannot compare '-' to a directory");

if ((no_dereference_symlinks
? lstat (filename, &cmp.file[dir_arg].stat)
: stat (filename, &cmp.file[dir_arg].stat))
!= 0)
{
perror_with_name (filename);
status = EXIT_TROUBLE;
}
}

if (status != EXIT_SUCCESS)
{
/* One of the files should exist but does not. */
}
else if (cmp.file[0].desc == NONEXISTENT
&& cmp.file[1].desc == NONEXISTENT)
{
/* Neither file "exists", so there's nothing to compare. */
}
else if ((same_files
= (cmp.file[0].desc != NONEXISTENT
&& cmp.file[1].desc != NONEXISTENT
&& 0 < same_file (&cmp.file[0].stat, &cmp.file[1].stat)
&& same_file_attributes (&cmp.file[0].stat,
&cmp.file[1].stat)))
&& no_diff_means_no_output)
{
/* The two named files are actually the same physical file.
We know they are identical without actually reading them. */
}
else if (DIR_P (0) & DIR_P (1))
{
if (output_style == OUTPUT_IFDEF)
fatal ("-D option not supported with directories");

/* If both are directories, compare the files in them. */

if (parent && !recursive)

```

```

{
/* But don't compare dir contents one level down
unless -r was specified.
See POSIX 1003.1-2001 for this format. */
message ("Common subdirectories: %s and %s\n",
cmp.file[0].name, cmp.file[1].name);
}
else
status = diff_dirs (&cmp, compare_files);
}
else if ((DIR_P (0) | DIR_P (1))
|| (parent
&& !((S_ISREG (cmp.file[0].stat.st_mode)
|| S_ISLNK (cmp.file[0].stat.st_mode)
&& (S_ISREG (cmp.file[1].stat.st_mode)
|| S_ISLNK (cmp.file[1].stat.st_mode))))))
{
if (cmp.file[0].desc == NONEXISTENT || cmp.file[1].desc == NONEXISTENT)
{
/* We have a subdirectory that exists only in one directory. */

if ((DIR_P (0) | DIR_P (1))
&& recursive
&& (new_file
|| (unidirectional_new_file
&& cmp.file[0].desc == NONEXISTENT)))
status = diff_dirs (&cmp, compare_files);
else
{
char const *dir;

/* PARENT must be non-NULL here. */
assert (parent);
dir = parent->file[cmp.file[0].desc == NONEXISTENT].name;

/* See POSIX 1003.1-2001 for this format. */
message ("Only in %s: %s\n", dir, name0);

status = EXIT_FAILURE;
}
}
else
{
/* We have two files that are not to be compared. */

/* See POSIX 1003.1-2001 for this format. */
message5 ("File %s is a %s while file %s is a %s\n",
file_label[0] ? file_label[0] : cmp.file[0].name,

```

```

    file_type (&cmp.file[0].stat),
    file_label[1] ? file_label[1] : cmp.file[1].name,
    file_type (&cmp.file[1].stat));

/* This is a difference. */
status = EXIT_FAILURE;
}
}
else if (S_ISLNK (cmp.file[0].stat.st_mode)
|| S_ISLNK (cmp.file[1].stat.st_mode))
{
/* We get here only if we use lstat(), not stat(). */
assert (no_dereference_symlinks);

if (S_ISLNK (cmp.file[0].stat.st_mode)
&& S_ISLNK (cmp.file[1].stat.st_mode))
{
/* Compare the values of the symbolic links. */
char *link_value[2] = { NULL, NULL };

for (f = 0; f < 2; f++)
{
link_value[f] = xreadlink (cmp.file[f].name);
if (link_value[f] == NULL)
{
perror_with_name (cmp.file[f].name);
status = EXIT_TROUBLE;
break;
}
}
if (status == EXIT_SUCCESS)
{
if ( ! STREQ (link_value[0], link_value[1]))
{
message ("Symbolic links %s and %s differ\n",
cmp.file[0].name, cmp.file[1].name);
/* This is a difference. */
status = EXIT_FAILURE;
}
}
for (f = 0; f < 2; f++)
free (link_value[f]);
}
else
{
/* We have two files that are not to be compared, because
one of them is a symbolic link and the other one is not. */

```

```

message5 ("File %s is a %s while file %s is a %s\n",
    file_label[0] ? file_label[0] : cmp.file[0].name,
    file_type (&cmp.file[0].stat),
    file_label[1] ? file_label[1] : cmp.file[1].name,
    file_type (&cmp.file[1].stat));

/* This is a difference. */
status = EXIT_FAILURE;
}
}
else if (files_can_be_treated_as_binary
    && S_ISREG (cmp.file[0].stat.st_mode)
    && S_ISREG (cmp.file[1].stat.st_mode)
    && cmp.file[0].stat.st_size != cmp.file[1].stat.st_size)
{
    message ("Files %s and %s differ\n",
        file_label[0] ? file_label[0] : cmp.file[0].name,
        file_label[1] ? file_label[1] : cmp.file[1].name);
    status = EXIT_FAILURE;
}
else
{
    /* Both exist and neither is a directory. */

    /* Open the files and record their descriptors. */

    int oflags = O_RDONLY | (binary ? O_BINARY : 0);

    if (cmp.file[0].desc == UNOPENED)
    if ((cmp.file[0].desc = open (cmp.file[0].name, oflags, 0)) < 0)
    {
        perror_with_name (cmp.file[0].name);
        status = EXIT_TROUBLE;
    }
    if (cmp.file[1].desc == UNOPENED)
    {
    if (same_files)
        cmp.file[1].desc = cmp.file[0].desc;
    else if ((cmp.file[1].desc = open (cmp.file[1].name, oflags, 0)) < 0)
    {
        perror_with_name (cmp.file[1].name);
        status = EXIT_TROUBLE;
    }
    }
}

/* Compare the files, if no error was found. */

if (status == EXIT_SUCCESS)

```

```

status = diff_2_files (&cmp);

/* Close the file descriptors. */

if (0 <= cmp.file[0].desc && close (cmp.file[0].desc) != 0)
{
perror_with_name (cmp.file[0].name);
status = EXIT_TROUBLE;
}
if (0 <= cmp.file[1].desc && cmp.file[0].desc != cmp.file[1].desc
&& close (cmp.file[1].desc) != 0)
{
perror_with_name (cmp.file[1].name);
status = EXIT_TROUBLE;
}
}

/* Now the comparison has been done, if no error prevented it,
and STATUS is the value this function will return. */

if (status == EXIT_SUCCESS)
{
if (report_identical_files && !DIR_P (0))
message ("Files %s and %s are identical\n",
file_label[0] ? file_label[0] : cmp.file[0].name,
file_label[1] ? file_label[1] : cmp.file[1].name);
}
else
{
/* Flush stdout so that the user sees differences immediately.
This can hurt performance, unfortunately. */
if (fflush (stdout) != 0)
pfatal_with_name (_("standard output"));
}

free (free0);
free (free1);

return status;
}

```

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```

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1.455 slf4j 1.7.29

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1.456 jackson-dataformat-yaml 2.8.11

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1.457 logback-core 1.2.3

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1.458 aws-java-sdk-core 1.11.201

1.459 pflag 1.0.3

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1.460 go-autorest 10.15.3+incompatible

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1.461 color 3.1.1

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1.463 free-type 2.8

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#

src/base/fthash.c

src/base/md5.c

src/base/md5.h

#

src/bdf/bdf.c

```
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
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
#
# EOF
```

1.464 awsjavasdkc 1.11.201

1.465 elfutils 0.176-4.el7

1.465.1 Available under license :

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Version 3, 29 June 2007

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1.466 go-msgpack 0.5.5

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1.467 spring-framework 5.1.12

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Version 2.1, February 1999

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

all:: image

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

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

image: $(BSD_LIB)
```

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

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

install-strip: install

install-shlibs-strip:: install-shlibs

```
uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
```

Index: tdbsa/tdb.c

=====

```
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
/*
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version
```

```
- trivial database library - private includes
```

```
-
- Copyright (C) Andrew Tridgell      2005
+ Copyright (C) Andrew Tridgell      1999-2005
+ Copyright (C) Jeremy Allison      2000-2006
+ Copyright (C) Paul 'Rusty' Russell  2000
```

```
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** library. This does NOT imply that all of Samba is released
This is the Debian GNU/Linux prepackaged version of the static EXT2
file system consistency checker (e2fsck.static). The EXT2 utilities
were written by Theodore Ts'o <tytso@mit.edu> and Remy Card
```

<card@masi.ibp.fr>.

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

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Theodore Ts'o
23-June-2007

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

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

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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1.472 gawk 4.0.2

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Version 3, 29 June 2007

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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

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

will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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

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

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

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

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

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

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

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it

contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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

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

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

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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application

to use the modified definitions.)

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

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

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

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

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

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

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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Version 3, 29 June 2007

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

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

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

TERMS AND CONDITIONS

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

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

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

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1. Source Code.

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

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

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

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

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

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1.480 spring-retry 1.2.4

1.481 mitchellh-copystructure 1.0.0

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1.482 spring-boot-starter-jersey 1.5.21

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1.483 libgcrypt 1.5.3 14.el7

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1.484 spring-boot-starter 1.5.18

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1.486 x-text 0.3.0

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1.487 kubernetes-model 4.6.4

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1.488 jandex 2.0.5

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1.490 libjpeg 6b

1.490.1 Notifications :

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1.490.2 Available under license :

The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

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Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

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

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

DOCUMENTATION ROADMAP

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This file contains the following sections:

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

Other documentation files in the distribution are:

User documentation:

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

Programmer and internal documentation:

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

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

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

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

OVERVIEW

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

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

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

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

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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

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

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

We are required to state that

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REFERENCES

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We highly recommend reading one or more of these references before trying to

understand the innards of the JPEG software.

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

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

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

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG

currently does not support any Part 3 extensions.

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

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

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

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <ftp.sgi.com> or from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from <ftp://ftp.sgi.com/graphics/tiff/>.

ARCHIVE LOCATIONS

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The "official" archive site for this software is <ftp.uu.net> (Internet address 192.48.96.9). The most recent released version can always be found there in directory <graphics/jpeg>. This particular version will be archived as <ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz>. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

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

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

The JPEG FAQ (Frequently Asked Questions) article is a useful source of

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

RELATED SOFTWARE

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

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

A different free JPEG implementation, written by the PVRG group at Stanford, is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS

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Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format

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

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

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

TO DO

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The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

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

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

1.491 polkit 0.112-26.el7

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1.493 jsonpb 1.1.5

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```
* /opt/ws_local/PERMITS_SQL/1046049061_1590065663.35/0/jsonpb-master-zip/jsonpb-master/jsonpb.go
* /opt/ws_local/PERMITS_SQL/1046049061_1590065663.35/0/jsonpb-master-zip/jsonpb-master/jsonpb_test.go
* /opt/ws_local/PERMITS_SQL/1046049061_1590065663.35/0/jsonpb-master-zip/jsonpb-
master/jsonpb_test_proto/test_objects.proto
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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1046049061_1590065663.35/0/jsonpb-master-zip/jsonpb-
master/jsonpb_test_proto/Makefile
```

1.494 aspect-j 1.9.1

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1.495 openstack4j-jersey2 3.6

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1.496 atk 2.3.93

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1.497 jackson-databind 2.10.3

1.497.1 Available under license :

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1.498 el-api 2.2

1.499 swagger-annotations 1.5.16

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 */
```

```
package io.swagger.annotations;
```

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

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

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

```
/**
 * The name of the license.
 *
 * @return the name of the license
 */
```

```
String name();
```

```
/**
 * An optional URL for the license.
 *
 * @return an optional URL for the license.
 */
```

```
String url() default "";
```

}

1.500 jersey 2.25.1

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1.506 gpm 1.20.7 6.el7

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!<arch>

/ 1516160780 0 0 0 260 `

H&&

__C__Users_Peter_Code_winapi_rs_x86_64_lib_libwinapi_oemlicense_a_iname_head_C__Users_Peter_Code_winapi_rs_x86_64_lib_libwinapi_oemlicense_aRemoveDemoAppLicense__imp_RemoveDemoAppLicenseAddDemoAppLicense__imp_AddDemoAppLicensedgbabt.o/ 1516160780 0 0 100666 638 `

d\$.text

P`.data@P.bssP.idata\$4@0.idata\$5@0.idata\$7@0OEMLicense.dll.filefake.text.data.bss.idata\$4.idata\$5.idata\$7L__C__Users_Peter_Code_winapi_rs_x86_64_lib_libwinapi_oemlicense_a_inamedgbabh.o/ 1516160780 0 0 100666 744 `

d6.text P`.data@P.bssP.idata\$2@0.idata\$5@0.idata\$4@0

.filefakehnamefthunk.text.data.bss.idata\$2.idata\$4.idata\$5J_head_C__Users_Peter_Code_winapi_rs_x86_64_lib_libwinapi_oemlicense_a__C__Users_Peter_Code_winapi_rs_x86_64_lib_libwinapi_oemlicense_a_inamedgbabs0001.o/ 1516160780 0 0 100666 694 `

d

.text, `0`.data@0.bss0.idata\$74j0.idata\$58t0.idata\$4@~0.idata\$6H %RemoveDemoAppLicense

.text.data.bss.idata\$7.idata\$5.idata\$4.idata\$64zRemoveDemoAppLicense__imp_RemoveDemoAppLicense_head_C__Users_Peter_Code_winapi_rs_x86_64_lib_libwinapi_oemlicense_adgbabs00000.o/ 1516160780 0 0

100666 684 `

d

.text,\ `0`.data@0.bss0.idata\$74f0.idata\$58p0.idata\$4@z0.idata\$6H %AddDemoAppLicense

.text.data.bss.idata\$7.idata\$5.idata\$4.idata\$6.tAddDemoAppLicense__imp_AddDemoAppLicense_head_C__Users_Peter_Code_winapi_rs_x86_64_lib_libwinapi_oemlicense_a

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```
// This file was generated by gir (https://github.com/gtk-rs/gir)
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```

```
use gio_sys;
use glib;
use glib::object::Cast;
use glib::object::IsA;
use glib::signal::connect_raw;
use glib::signal::SignalHandlerId;
use glib::translate::*;
use glib_sys;
use gobject_sys;
use std::boxed::Box as Box_;
use std::fmt;
use std::mem::transmute;
```

```

use std::pin::Pin;
use std::ptr;
use Cancellable;

glib_wrapper! {
    pub struct Permission(Object<gio_sys::GPermission, gio_sys::GPermissionClass, PermissionClass>);

    match fn {
        get_type => || gio_sys::g_permission_get_type(),
    }
}

pub const NONE_PERMISSION: Option<&Permission> = None;

pub trait PermissionExt: 'static {
    fn acquire<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error>;

    fn acquire_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
        &self,
        cancellable: Option<&P>,
        callback: Q,
    );

    fn acquire_async_future(
        &self,
    ) -> Pin<Box<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>>;

    fn get_allowed(&self) -> bool;

    fn get_can_acquire(&self) -> bool;

    fn get_can_release(&self) -> bool;

    fn impl_update(&self, allowed: bool, can_acquire: bool, can_release: bool);

    fn release<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error>;

    fn release_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
        &self,
        cancellable: Option<&P>,
        callback: Q,
    );

    fn release_async_future(
        &self,
    ) -> Pin<Box<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>>;

    fn connect_property_allowed_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

```

```

fn connect_property_can_acquire_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

fn connect_property_can_release_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;
}

impl<O: IsA<Permission>> PermissionExt for O {
fn acquire<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error> {
    unsafe {
        let mut error = ptr::null_mut();
        let _ = gio_sys::g_permission_acquire(
            self.as_ref().to_glib_none().0,
            cancellable.map(|p| p.as_ref()).to_glib_none().0,
            &mut error,
        );
        if error.is_null() {
            Ok(())
        } else {
            Err(from_glib_full(error))
        }
    }
}

fn acquire_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
    &self,
    cancellable: Option<&P>,
    callback: Q,
) {
    let user_data: Box_<Q> = Box_::new(callback);
    unsafe extern "C" fn acquire_async_trampoline<
        Q: FnOnce(Result<(), glib::Error>) + Send + 'static,
    >(
        _source_object: *mut gobject_sys::GObject,
        res: *mut gio_sys::GAsyncResult,
        user_data: glib_sys::gpointer,
    ) {
        let mut error = ptr::null_mut();
        let _ = gio_sys::g_permission_acquire_finish(_source_object as *mut _, res, &mut error);
        let result = if error.is_null() {
            Ok(())
        } else {
            Err(from_glib_full(error))
        };
        let callback: Box_<Q> = Box_::from_raw(user_data as *mut _);
        callback(result);
    }
    let callback = acquire_async_trampoline::<Q>;
    unsafe {

```

```

        gio_sys::g_permission_acquire_async(
            self.as_ref().to_glib_none().0,
            cancellable.map(|p| p.as_ref()).to_glib_none().0,
            Some(callback),
            Box_::into_raw(user_data) as *mut _,
        );
    }
}

fn acquire_async_future(
    &self,
) -> Pin<Box_<dyn std::future::Future<Output = Result<>, glib::Error>> + 'static>> {
    Box_::pin(crate::GioFuture::new(self, move |obj, send| {
        let cancellable = Cancellable::new();
        obj.acquire_async(Some(&cancellable), move |res| {
            send.resolve(res);
        });

        cancellable
    })))
}

fn get_allowed(&self) -> bool {
    unsafe {
        from_glib(gio_sys::g_permission_get_allowed(
            self.as_ref().to_glib_none().0,
        ))
    }
}

fn get_can_acquire(&self) -> bool {
    unsafe {
        from_glib(gio_sys::g_permission_get_can_acquire(
            self.as_ref().to_glib_none().0,
        ))
    }
}

fn get_can_release(&self) -> bool {
    unsafe {
        from_glib(gio_sys::g_permission_get_can_release(
            self.as_ref().to_glib_none().0,
        ))
    }
}

fn impl_update(&self, allowed: bool, can_acquire: bool, can_release: bool) {
    unsafe {

```

```

gio_sys::g_permission_impl_update(
    self.as_ref().to_glib_none().0,
    allowed.to_glib(),
    can_acquire.to_glib(),
    can_release.to_glib(),
);
}
}

fn release<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error> {
    unsafe {
        let mut error = ptr::null_mut();
        let _ = gio_sys::g_permission_release(
            self.as_ref().to_glib_none().0,
            cancellable.map(|p| p.as_ref()).to_glib_none().0,
            &mut error,
        );
        if error.is_null() {
            Ok(())
        } else {
            Err(from_glib_full(error))
        }
    }
}

fn release_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
    &self,
    cancellable: Option<&P>,
    callback: Q,
){
    let user_data: Box_<Q> = Box_::new(callback);
    unsafe extern "C" fn release_async_trampoline<
        Q: FnOnce(Result<(), glib::Error>) + Send + 'static,
    >(
        _source_object: *mut gobject_sys::GObject,
        res: *mut gio_sys::GAsyncResult,
        user_data: glib_sys::gpointer,
    ){
        let mut error = ptr::null_mut();
        let _ = gio_sys::g_permission_release_finish(_source_object as *mut _, res, &mut error);
        let result = if error.is_null() {
            Ok(())
        } else {
            Err(from_glib_full(error))
        };
        let callback: Box_<Q> = Box_::from_raw(user_data as *mut _);
        callback(result);
    }
}

```



```

let callback = release_async_trampoline::<Q>;
unsafe {
    gio_sys::g_permission_release_async(
        self.as_ref().to_glib_none().0,
        cancellable.map(|p| p.as_ref()).to_glib_none().0,
        Some(callback),
        Box_::into_raw(user_data) as *mut _,
    );
}
}

fn release_async_future(
    &self,
) -> Pin<Box_<dyn std::future::Future<Output = Result<>, glib::Error>> + 'static>> {
    Box_::pin(crate::GioFuture::new(self, move |obj, send| {
        let cancellable = Cancellable::new();
        obj.release_async(Some(&cancellable), move |res| {
            send.resolve(res);
        });

        cancellable
    })))
}

fn connect_property_allowed_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_allowed_trampoline<P, F: Fn(&P) + 'static>(
        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
    {
        let f: &F = &*(f as *const F);
        f(&Permission::from_glib_borrow(this).unsafe_cast())
    }
    unsafe {
        let f: Box_<F> = Box_::new(f);
        connect_raw(
            self.as_ptr() as *mut _,
            b"notify::allowed\0".as_ptr() as *const _,
            Some(transmute(notify_allowed_trampoline::<Self, F> as usize)),
            Box_::into_raw(f),
        )
    }
}

fn connect_property_can_acquire_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_can_acquire_trampoline<P, F: Fn(&P) + 'static>(

```

```

        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
    {
        let f: &F = &*(f as *const F);
        f(&Permission::from_glib_borrow(this).unsafe_cast())
    }
    unsafe {
        let f: Box_<F> = Box_::new(f);
        connect_raw(
            self.as_ptr() as *mut _,
            b"notify::can-acquire\0".as_ptr() as *const _,
            Some(transmute(notify_can_acquire_trampoline::<Self, F> as usize)),
            Box_::into_raw(f),
        )
    }
}

fn connect_property_can_release_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_can_release_trampoline<P, F: Fn(&P) + 'static>(
        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
    {
        let f: &F = &*(f as *const F);
        f(&Permission::from_glib_borrow(this).unsafe_cast())
    }
    unsafe {
        let f: Box_<F> = Box_::new(f);
        connect_raw(
            self.as_ptr() as *mut _,
            b"notify::can-release\0".as_ptr() as *const _,
            Some(transmute(notify_can_release_trampoline::<Self, F> as usize)),
            Box_::into_raw(f),
        )
    }
}

impl fmt::Display for Permission {
    fn fmt(&self, f: &mut fmt::Formatter) -> fmt::Result {
        write!(f, "Permission")
    }
}

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1.509 docker-java 3.1.2

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1.510 spring-security-config 4.2.10

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1.513 quartz-jobs 2.3.1

1.514 json-c 0.99.4-3.el7

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1.515 hibernate-validator 6.0.11

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1.516 tinycdb 0.78

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1.519 jersey-media-json-jackson 2.27

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Jan Holmberg, <jan@artech.net> :

- o Memory framework
- o HTTP/SSL checkers

Bradley Baetz, <bradley.baetz@optusnet.com.au> :

- o MISC checker redesign
- o Scheduler framework extension to support
child process handling.
- o Daemon framework extension to block SIGCHLD
to only receive it when its unblocked in the
scheduling select loop.

Jeremy Rumpf, <rumpf.6@osu.edu> :

- o Added SMTP checker

Chris Caputo, <ccaputo@alt.net> :

- o Added dont_track_primary, nopreempt,
preempt_delay, and misc_dynamic.

Kevin Lindsay, <kevinl@netnation.com> :

- o Fixed shadowed declaration reported by -Wshadow.
- o Redesigned signal handling.

Nick Couchman, <nick.couchman at seakr.com> :

- o Patch for u_threshold and l_threshold support.

Willy Tarreau, <w at 1wt.eu> :

- o Extended VRRP framework to support floating
priority.

1.521 aspectj-tools 1.8.14

1.521.1 Available under license :

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1.522 spring-boot-autoconfigure 1.5.21

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1.523 zlib 1.2.7 18.el7

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1.524 javax-persistence 2.1.0

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1.525 libxml 2.9.1-6.el7.4

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1.528 joda-time 2.7

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1.530 quartz 2.3.1

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```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
```

```
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="content-type" content="text/html; charset=iso-8859-1" />
```

```
<title>SLF4J License</title>
```

```
<link rel="stylesheet" type="text/css" media="screen" href="css/site.css" />
```

```
</head>
```

```
<body>
```

```
<script type="text/javascript">prefix="";</script>
```

```
<script src="templates/header.js" type="text/javascript"></script>
```

```
<div id="left">
```

```
<script src="templates/left.js" type="text/javascript"></script>
```

```
</div>
```

```
<div id="right">
```

```
<script src="templates/right.js" type="text/javascript"></script>
```

```
</div>
```

```
<div id="content">
```

```
<h1>Licensing terms for SLF4J</h1>
```


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</p>

<div class="source">

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<script src="templates/footer.js" type="text/javascript"></script>

</div>

</body>

</html>

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1.543 libjpeg 1.2.90 8.el7

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README for release 6b of 27-Mar-1998

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

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DOCUMENTATION ROADMAP

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This file contains the following sections:

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

Other documentation files in the distribution are:

User documentation:

install.doc How to configure and install the IJG software.

usage.doc Usage instructions for cjpeg, djpeg, jpegtran,
 rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.
Programmer and internal documentation:
libjpeg.doc How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.doc Overview of the JPEG library's internal structure.
filelist.doc Road map of IJG files.
coderules.doc Coding style rules --- please read if you contribute code.

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

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

=====

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

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

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

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

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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

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

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

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REFERENCES

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

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

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

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

The JPEG standard itself is not available electronically; you must order a

paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

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

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

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

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

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <ftp.sgi.com> or from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from <ftp://ftp.sgi.com/graphics/tiff/>.

ARCHIVE LOCATIONS

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The "official" archive site for this software is ftp.uu.net (Internet address 192.48.96.9). The most recent released version can always be found there in directory graphics/jpeg. This particular version will be archived as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

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

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

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

RELATED SOFTWARE

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

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

A different free JPEG implementation, written by the PVRG group at Stanford, is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program

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

FILE FORMAT WARS

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Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

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

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

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

TO DO

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The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving

quality-vs-file-size performance without sacrificing compatibility.

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

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

1.544 kerberos 1.15.1

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

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

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

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

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```

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Version 2.1, February 1999

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1.548 boost 1.68.0

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



```
<copyright>
  <year>2018</year> <holder>Joe Blow, John Coe</holder>
</copyright>
<copyright>
  <year>1977</year> <year>1985</year> <holder>Someone else</holder>
</copyright>
</articleinfo>
</article>
```

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

HISTORY -

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

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

Some other contributors:

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

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dossier (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and

Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu(hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson(brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen(Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard(beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz(schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.) Use of this software is granted under one of the following two licenses, to be chosen freely by the user.

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////

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

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

NOTE: ``mpl.hpp`` is not included by ``<boost/mp11.hpp>``.
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    Copyright Test
  </h3>
  <p class="copyright">
    1963, 1964, 1965 Jane Doe
  </p>
  <p class="copyright">
    2018 Joe Blow, John Coe
  </p>
  <p class="copyright">
    1977, 1985 Someone else
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```

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

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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Section 6 states terms for distribution of such executables.

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

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

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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked

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

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

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1. Source Code.

The "source code" for a work means the preferred form of the work

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1.555 ncurses 5.9 14.20130511.el7_4

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1.556 node.js 12.16.3

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1.557 systemtap 4.3

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1.559 httpcomponents-core 4.4.11

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. The file `src/libs/snprintf/snprintf.c', written by Mark Martinec <mark.martinec@ijs.si>.

Please look into snprintf.c for the copyright message.

The complete snprintf package together with documentation is available from

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

. The `grn' preprocessor, written by Barry Roitblat <barry@rentonww.com> and David Slattengren <slatteng@Xinet.COM>. These files have been part of the original Berkeley ditroff distribution, without AT&T code, and are in the public domain.

The original package can be found at <http://ftp.cs.wisc.edu/pub/misc/grn.tar.Z> .

```
src/preproc/grn/gprint.h
src/preproc/grn/hdb.cpp
src/preproc/grn/hgraph.cpp
src/preproc/grn/hpoint.cpp
src/preproc/grn/main.cpp
```

. The `gxditview' output device. It is based on X11's `xditview' program and thus has the X license.

```
src/devices/xditview/DESC.in
src/devices/xditview/Dvi.c
src/devices/xditview/Dvi.h
```

src/devices/xditview/DviP.h
src/devices/xditview/FontMap
src/devices/xditview/GXditview.ad
src/devices/xditview/Menu.h
src/devices/xditview/ad2c
src/devices/xditview/device.c
src/devices/xditview/device.h
src/devices/xditview/draw.c
src/devices/xditview/font.c
src/devices/xditview/gray1.bm
src/devices/xditview/gray2.bm
src/devices/xditview/gray3.bm
src/devices/xditview/gray4.bm
src/devices/xditview/gray5.bm
src/devices/xditview/gray6.bm
src/devices/xditview/gray7.bm
src/devices/xditview/gray8.bm
src/devices/xditview/gxditview.man
src/devices/xditview/lex.c
src/devices/xditview/page.c
src/devices/xditview/parse.c
src/devices/xditview/xdit.bm
src/devices/xditview/xdit_mask.bm
src/devices/xditview/xditview.c

src/include/DviChar.h
src/include/XFontName.h

src/libs/libxutil/DviChar.c
src/libs/libxutil/XFontName.c

Macro Packages

- . The -mdoc macro set, using the BSD license.

tmac/doc.tmac
tmac/doc-old.tmac
tmac/doc-common
tmac/doc-ditroff
tmac/doc-nroff
tmac/doc-syms
tmac/groff_mdoc.man

- . The -me macro set, using the BSD license.

tmac/e.tmac

tmac/groff_me.man
doc/meintro.me
doc/meref.me

Hyphenation Patterns

. The file `tmac/hyphen.us' is identical to the file `hyphen.tex', part of the TeX system written by Donald E. Knuth; the master file can be found at

<ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex> .

It has been renamed for consistency, i.e., to make patterns available under the filenames `hyphen.<language>', e.g. `hyphen.de' or `hyphen.uk'.

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. The file `tmac/hyphen.fr' contains the same patterns as the file `frhyph.tex' (for TeX), which can be found at

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. The file `tmac/hyphen.sv' is identical to the file `svhyph.tex', which can be found at

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. The files `tmac/hyphen.det' and `tmac/hyphen.den' contain the same patterns as the files `dehyphn.tex' and `dehyphpt.tex' (for TeX), which can be found at

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. The file `tmac/hyphenex.det' is identical to the file `dehyphptex.tex',

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. The file `tmac/hyphen.cs' contains the same patterns as the file
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1.565 curl 7.29.0-57.el7

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1.566 spring-cloud-commons 1.3.4

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^etc/logrotate.d/couchdb.*
^etc/windows/Makefile
^etc/windows/README.txt.tpl
^libtool
^license.skip
^m4/*
^share/Makefile
^share/Makefile.in
^share/doc/Makefile
^share/doc/Makefile.in
^share/doc/build/*
^share/doc/ext/__pycache__/*
^share/doc/ext/*.pyc
^share/doc/ext/httpdomain.py
^share/doc/ext/http-api-descr.json
^share/doc/images/*
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^share/doc/templates/couchdb/domainindex.html
^share/server/json2.js
^share/server/mimeparse.js
^share/server/coffee-script.js
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^share/www/script/json2.js
^share/www/script/jspec/*

^share/www/script/sha1.js
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^src/couchdb/priv/.deps/*.*
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^src/couchdb/priv/Makefile.in
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^src/my-first-couchdb-plugin/Makefile.in
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^test/Makefile.in
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^test/bench/Makefile.in
^test/etap/*.beam
^test/etap/*.o
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^test/etap/Makefile
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^test/etap/temp.*
^test/etap/fixtures/*
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^test/javascript/Makefile.in
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^test/view_server/Makefile.in
^tmp/*
^utils/Makefile
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1.579 spring-boot-actuator 1.5.18

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1.580 go-multierror 1.0.0

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version 1.2.11, January 15th, 2017

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1.583 c3p0 0.9.5.5

1.584 cryptsetup 2.0.3-6.el7

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1.587 libxml libxml2-2.9.1-6

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1.588 grpc-go 1.29.1

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1.589 x-net 0.0.0

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1.590 netty-codec-http 4.1.31

1.591 spring-security-jwt 1.0.5

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/**

* Base64 encoder which is a reduced version of Robert Harder's public domain implementation (version 2.3.7).

* See <http://iharder.net/base64> for more information.

*

* @author Luke Taylor

*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/codec/Base64Codec.java

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* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/crypto/cipher/CipherMetadata.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/crypto/sign/Signer.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/Jwt.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/crypto/sign/SignatureVerifier.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/crypto/sign/InvalidSignatureException.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/BinaryFormat.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/crypto/sign/RsaKeyHelper.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/codec/Codecs.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/crypto/sign/RsaSigner.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/crypto/sign/MacSigner.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/JwtAlgorithms.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-jar/org/springframework/security/jwt/AlgorithmMetadata.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-

jar/org/springframework/security/jwt/crypto/sign/SignerVerifier.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-

jar/org/springframework/security/jwt/crypto/sign/RsaVerifier.java

* /opt/ws_local/PERMITS_SQL/1046405571_1590071750.3/0/spring-security-jwt-1-0-5-release-sources-

jar/org/springframework/security/jwt/JwtHelper.java

1.592 spring-boot-starter-logging 2.1.11

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1.593 libnuma 2.0.9-2

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1.594 log4j-over-slf4j 1.7.26

1.595 spring-boot 1.5.18

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1.598 spring-boot-starter-jersey 1.5.18

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1.599 commons-lang3 2.4

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1.600 jcl-over-slf4j 1.7.25

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1.603 jackson-datatype-guava 2.8.11

1.604 openssl 1.0.1j

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1.607 go-bindata-assets 1.1.5

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1.608 openssl-fipsanister 1.0.2u.6.2.374

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1.611 xml-commons-resolver 1.2

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1.612 annotation-indexer 2.0.5

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1.613 flyway-core 3.2.1

1.614 go-radix 1.1.5

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1.615 p6spy 3.4.0

1.616 diskv 2.0.1+incompatible

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1.617 myapp 0.1.0-0001

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1.618 tcl 8.5.13 8.e17

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1.619 go-retryablehttp 0.5.4

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=====

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Version 2.1, February 1999

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1.628 mergo 0.3.6

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```
import: ../../../../fossene/db/schema/thing.yml
```

```
fields:
```

```
  site: string
```

```
  author: root
```

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```
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```

```
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1.632 network-manager 1.18.4-3.el7

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1.633 bcpkix-jdk15on 1.60

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1.634 j2objc-annotations 1.1

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JUnit

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From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

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From dso/aix/dso.c:

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From strings/apr_strnatcmp.c, include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.

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From strings/apr_sprintf.c:

*

* cvt - IEEE floating point formatting routines.

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* file name: UBiDiProps.java
* encoding: US-ASCII

* tab size: 8 (not used)
* indentation:4
*
* created on: 2005jan16
* created by: Markus W. Scherer
*
* Low-level Unicode bidi/shaping properties access.
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<code>Replaceable</code> is an interface representing a string of characters that supports the replacement of a range of itself with a new string of characters. It is used by APIs that change a piece of text while retaining metadata. Metadata is data other than the Unicode characters returned by `char32At()`. One example of metadata is style attributes; another is an edit history, marking each character with an author and revision number.

<p>An implicit aspect of the <code>Replaceable</code> API is that during a replace operation, new characters take on the metadata of the old characters. For example, if the string "the bold font" has range (4, 8) replaced with "strong", then it becomes "the strong font".

<p><code>Replaceable</code> specifies ranges using a start offset and a limit offset. The range of characters thus specified includes the characters at offset `start..limit-1`. That is, the start offset is inclusive, and the limit offset is exclusive.

<p><code>Replaceable</code> also includes API to access characters in the string: <code>length()</code>, <code>charAt()</code>, <code>char32At()</code>, and <code>extractBetween()</code>.

<p>For a subclass to support metadata, typical behavior of <code>replace()</code> is the following:

Set the metadata of the new text to the metadata of the first

- character replaced
- If no characters are replaced, use the metadata of the previous character
- If there is no previous character (i.e. start == 0), use the following character
- If there is no following character (i.e. the replaceable was empty), use default metadata
- If the code point U+FFFF is seen, it should be interpreted as a special marker having no metadata

If this is not the behavior, the subclass should document any differences.

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@author Alan Liu
@stable ICU 2.0

`ReplaceableString` is an adapter class that implements the `Replaceable` API around an ordinary `StringBuffer`.

Note: This class does not support attributes and is not intended for general use. Most clients will need to implement `Replaceable` in their text representation class.

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@see Replaceable
@author Alan Liu
@stable ICU 2.0

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*/
```

```
package java.security;
```

```
import java.io.Serializable;
```

```
/**
```

```
 * Legacy security code; do not use.
```

```
*/
```

```
public abstract class Permission implements Guard, Serializable {  
    public Permission(String name) { }
```

```
    public final String getName() { return null; }
```

```
public void checkGuard(Object obj) throws SecurityException { }

public PermissionCollection newPermissionCollection() {
    return new AllPermissionCollection();
}

public abstract String getActions();

public abstract boolean implies(Permission permission);
}
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```

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```
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```

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1.636 eclipselink 2.6.2

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 */
package org.eclipse.persistence.descriptors.copyping;

import org.eclipse.persistence.descriptors.ClassDescriptor;
import org.eclipse.persistence.exceptions.*;
import org.eclipse.persistence.sessions.*;
import org.eclipse.persistence.queries.ObjectBuildingQuery;

/**
 * <p><b>Purpose</b></p>: Allows customization of how an object is cloned.
 * This class defines common behavior that allows a subclass to be used
 * and set on a descriptor to provide a special cloning routine for how an object
 * is cloned in a unit of work.
 */
public abstract class AbstractCopyPolicy implements CopyPolicy {
    protected ClassDescriptor descriptor;

    public AbstractCopyPolicy() {
        super();
    }

    public abstract Object buildClone(Object domainObject, Session session) throws DescriptorException;

    /**
     * By default use the buildClone.
     */
    public Object buildWorkingCopyClone(Object domainObject, Session session) throws DescriptorException {
```

```

        return buildClone(domainObject, session);
    }

    /**
     * By default create a new instance.
     */
    public Object buildWorkingCopyCloneFromRow(Record row, ObjectBuildingQuery query, Object primaryKey,
    UnitOfWork uow) throws DescriptorException {
        return this.descriptor.getObjectBuilder().buildNewInstance();
    }

    /**
     * INTERNAL:
     * Clones the CopyPolicy
     */
    public Object clone() {
        try {
            // clones itself
            return super.clone();
        } catch (Exception exception) {
        }
        return null;
    }

    /**
     * Return the descriptor.
     */
    protected ClassDescriptor getDescriptor() {
        return descriptor;
    }

    /**
     * Do nothing by default.
     */
    public void initialize(Session session) throws DescriptorException {
        // Do nothing by default.
    }

    /**
     * Set the descriptor.
     */
    public void setDescriptor(ClassDescriptor descriptor) {
        this.descriptor = descriptor;
    }
}

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```

```

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*****/
package org.eclipse.persistence.descriptors.copying;

import org.eclipse.persistence.exceptions.*;
import org.eclipse.persistence.internal.helper.*;
import org.eclipse.persistence.sessions.*;

/**
 * <p><b>Purpose</b>: This is the default copy policy.
 *
 * It creates a copy by creating a new instance of the object and then using the
 * mappings specified for the object to populate the object.
 */
public class InstantiationCopyPolicy extends AbstractCopyPolicy {
    public InstantiationCopyPolicy() {
        super();
    }

    public Object buildClone(Object domainObject, Session session) throws DescriptorException {
        return getDescriptor().getObjectBuilder().buildNewInstance();
    }

    public boolean buildsNewInstance() {
        return true;
    }

    public String toString() {
        return Helper.getShortClassName(this) + "()";
    }
}
</html>

<head>
<title>Eclipse License</title>
</head>

<body>
<div class=Section0>
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<div class=Section2>

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*****/
package org.eclipse.persistence.descriptors.copying;

import java.io.*;

import org.eclipse.persistence.exceptions.*;
import org.eclipse.persistence.descriptors.ClassDescriptor;
import org.eclipse.persistence.queries.ObjectBuildingQuery;
import org.eclipse.persistence.sessions.*;

/**
 * <p><b>Purpose</b></p>: Allows customization of how an object is cloned.
 * An implementer of CopyPolicy can be set on a descriptor to provide
 * special cloning routine for how an object is cloned in a unit of work.
 *
 * By default the InstantiationCopyPolicy is used which creates a new instance of
 * the class to be copied into.
 *
 * The CloneCopyPolicy can also be used that uses a clone method in the object
 * to clone the object. When a clone method is used it avoid the requirement of having to
 * copy over each of the direct attributes.
 *
 * @see org.eclipse.persistence.descriptors.copying.CloneCopyPolicy
 * @see org.eclipse.persistence.descriptors.copying.InstantiationCopyPolicy
 */
public interface CopyPolicy extends Cloneable, Serializable {

    /**
     * Return a shallow clone of the object for usage with object copying, or unit of work backup cloning.
     */
    Object buildClone(Object object, Session session) throws DescriptorException;

    /**
     * Return a shallow clone of the object for usage with the unit of work working copy.
     */

```

```

Object buildWorkingCopyClone(Object object, Session session) throws DescriptorException;

/**
 * Return an instance with the primary key set from the row, used for building a working copy during a unit of
work transactional read.
 */
Object buildWorkingCopyCloneFromRow(Record row, ObjectBuildingQuery query, Object primaryKey,
UnitOfWork uow) throws DescriptorException;

/**
 * Clone the CopyPolicy.
 */
Object clone();

/**
 * Allow for any initialization or validation required.
 */
void initialize(Session session) throws DescriptorException;

/**
 * Set the descriptor.
 */
void setDescriptor(ClassDescriptor descriptor);

/**
 * Return if this copy policy creates a new instance, vs a clone.
 */
boolean buildsNewInstance();
}
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 *****/
package org.eclipse.persistence.descriptors.copying;

import org.eclipse.persistence.exceptions.*;
import org.eclipse.persistence.internal.descriptors.PersistenceObject;
import org.eclipse.persistence.internal.helper.*;
import org.eclipse.persistence.sessions.*;

```

```

/**
 * <p><b>Purpose</b>: This is the default copy policy when weaving is used.
 *
 * It creates a copy by creating a shallow clone of the object using the weaved _persistence_shallow_clone() method.
 */
public class PersistenceEntityCopyPolicy extends AbstractCopyPolicy {
    public PersistenceEntityCopyPolicy() {
        super();
    }

    public Object buildWorkingCopyClone(Object object, Session session) throws DescriptorException {
        return ((PersistenceObject)object)._persistence_shallow_clone();
    }

    public Object buildClone(Object object, Session session) throws DescriptorException {
        return ((PersistenceObject)object)._persistence_shallow_clone();
    }

    public boolean buildsNewInstance() {
        return false;
    }

    public String toString() {
        return Helper.getShortClassName(this) + "()";
    }
}
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 *****/
package org.eclipse.persistence.descriptors.copying;

import java.lang.reflect.*;
import java.security.AccessController;
import java.security.PrivilegedActionException;

import org.eclipse.persistence.exceptions.*;
import org.eclipse.persistence.internal.helper.*;
import org.eclipse.persistence.queries.ObjectBuildingQuery;
import org.eclipse.persistence.sessions.*;

```

```

import org.eclipse.persistence.internal.sessions.AbstractRecord;
import org.eclipse.persistence.internal.descriptors.ObjectBuilder;
import org.eclipse.persistence.internal.security.PrivilegedAccessHelper;
import org.eclipse.persistence.internal.security.PrivilegedMethodInvoker;

/**
 * <p><b>Purpose</b>: Allows a clone of an object to be created with a method that returns
 * the cloned object.
 *
 * It is possible to define methods for two types of clones
 *
 * 1. methodName can be set to define the method EclipseLink uses to clone objects for it's
 * own internal use. The objects created by this method will not be visible to the user, and
 * instead used as a basis for comparison when a DeferredChangeDetectionPolicy used. This method will
 * also be in place of the workingCopyMethod if it is not provided
 *
 * 2. workingCopyMethod this method is used to create the clone that is returned to the user when an
 * Object is registered in a UnitOfWork
 */
public class CloneCopyPolicy extends AbstractCopyPolicy {

    /** Allow for clone method to be specified. */
    protected String methodName;
    protected String workingCopyMethodName;
    protected transient Method method;
    protected transient Method workingCopyMethod;

    public CloneCopyPolicy() {
        super();
    }

    /**
     * Clone through calling the clone method.
     */
    public Object buildClone(Object domainObject, Session session) throws DescriptorException {
        // Must allow for null clone method for 9.0.4 deployment XML.
        if (this.getMethodName() == null) {
            return getDescriptor().getObjectBuilder().buildNewInstance();
        }
        try {
            if (PrivilegedAccessHelper.shouldUsePrivilegedAccess()){
                try {
                    return AccessController.doPrivileged(new PrivilegedMethodInvoker(this.getMethod(), domainObject,
                    new Object[0]));
                } catch (PrivilegedActionException exception) {
                    Exception throwableException = exception.getException();
                    if (throwableException instanceof IllegalAccessException) {
                        throw DescriptorException.illegalAccessWhileCloning(domainObject, this.getMethodName(),

```

```

this.getDescriptor(), throwableException);
        } else {
            throw DescriptorException.targetInvocationWhileCloning(domainObject, this.getMethodName(),
this.getDescriptor(), throwableException);

        }
    }
} else {
    return PrivilegedAccessHelper.invokeMethod(this.getMethod(), domainObject, new Object[0]);
}
} catch (IllegalAccessException exception) {
    throw DescriptorException.illegalAccessWhileCloning(domainObject, this.getMethodName(),
this.getDescriptor(), exception);
} catch (InvocationTargetException exception) {
    throw DescriptorException.targetInvocationWhileCloning(domainObject, this.getMethodName(),
this.getDescriptor(), exception);
}
}

/**
 * Clone through the workingCopyClone method, or if not specified the clone method.
 */
public Object buildWorkingCopyClone(Object domainObject, Session session) throws DescriptorException {
    if (this.getWorkingCopyMethodName() == null) {
        //not implemented to perform special operations.
        return this.buildClone(domainObject, session);
    }

    try {
        if (PrivilegedAccessHelper.shouldUsePrivilegedAccess()){
            try {
                return AccessController.doPrivileged(new PrivilegedMethodInvoker(this.getWorkingCopyMethod(),
domainObject, new Object[0]));
            } catch (PrivilegedActionException exception) {
                Exception throwableException = exception.getException();
                if (throwableException instanceof IllegalAccessException) {
                    throw DescriptorException.illegalAccessWhileCloning(domainObject, this.getMethodName(),
this.getDescriptor(), throwableException);
                } else {
                    throw DescriptorException.targetInvocationWhileCloning(domainObject, this.getMethodName(),
this.getDescriptor(), throwableException);
                }
            }
        } else {
            return PrivilegedAccessHelper.invokeMethod(this.getWorkingCopyMethod(), domainObject, new
Object[0]);
        }
    }
}

```

```

        } catch (IllegalAccessException exception) {
            throw DescriptorException.illegalAccessWhileCloning(domainObject, this.getMethodName(),
this.getDescriptor(), exception);
        } catch (InvocationTargetException exception) {
            throw DescriptorException.targetInvocationWhileCloning(domainObject, this.getMethodName(),
this.getDescriptor(), exception);
        }
    }
}

/**
 * Create a new instance, unless a workingCopyClone method is specified, then build a new instance and clone it.
 */
@Override
public Object buildWorkingCopyCloneFromRow(Record row, ObjectBuildingQuery query, Object primaryKey,
UnitOfWork uow) throws DescriptorException {
    // For now must preserve CMP code which builds heavy clones with a context.
    // Also preserve for clients who use the copy policy.
    ObjectBuilder builder = getDescriptor().getObjectBuilder();
    if (getWorkingCopyMethodName() != null) {
        Object original = builder.buildNewInstance();
        builder.buildAttributesIntoShallowObject(original, (AbstractRecord)row, query);
        return buildWorkingCopyClone(original, query.getSession());
    } else {
        return builder.buildNewInstance();
    }
}

/**
 * Return the clone method.
 */
protected Method getMethod() {
    return method;
}

/**
 * Return the clone method name.
 */
public String getMethodName() {
    return methodName;
}

/**
 * Return the workingCopyClone method.
 * This is used to clone within a unit of work.
 */
protected Method getWorkingCopyMethod() {
    return workingCopyMethod;
}

```



```

/**
 * Return the workingCopyClone method name.
 * This is used to clone within a unit of work.
 */
public String getWorkingCopyMethodName() {
    return workingCopyMethodName;
}

/**
 * Validate and build the methods.
 */
public void initialize(Session session) throws DescriptorException {
    final Class javaClass = this.getDescriptor().getJavaClass();
    try {
        // Must allow for null clone method for 9.0.4 deployment XML.
        if (this.getMethodName() != null) {
            this.setMethod(Helper.getDeclaredMethod(javaClass, this.getMethodName(), new Class[0]));
        }
    } catch (NoSuchMethodException exception) {
        session.getIntegrityChecker().handleError(DescriptorException.noSuchMethodWhileInitializingCopyPolicy(this.getMethodName(), this.getDescriptor(), exception));
    } catch (SecurityException exception) {
        session.getIntegrityChecker().handleError(DescriptorException.securityWhileInitializingCopyPolicy(this.getMethodName(), this.getDescriptor(), exception));
    }
    if (this.getWorkingCopyMethodName() != null) {
        try {
            this.setWorkingCopyMethod(Helper.getDeclaredMethod(javaClass, this.getWorkingCopyMethodName(), new Class[0]));
        } catch (NoSuchMethodException exception) {
            session.getIntegrityChecker().handleError(DescriptorException.noSuchMethodWhileInitializingCopyPolicy(this.getMethodName(), this.getDescriptor(), exception));
        } catch (SecurityException exception) {
            session.getIntegrityChecker().handleError(DescriptorException.securityWhileInitializingCopyPolicy(this.getMethodName(), this.getDescriptor(), exception));
        }
    }
}

/**
 * Set the clone method.
 */
protected void setMethod(Method method) {
    this.method = method;
}

/**

```

```

    * Set the clone method name.
    */
    public void setMethodName(String methodName) {
        this.methodName = methodName;
    }

    /**
     * Set the workingCopyClone method.
     * This is used to clone within a unit of work.
     */
    protected void setWorkingCopyMethod(Method method) {
        this.workingCopyMethod = method;
    }

    /**
     * Set the workingCopyClone method name.
     * This is used to clone within a unit of work.
     */
    public void setWorkingCopyMethodName(String methodName) {
        this.workingCopyMethodName = methodName;
    }

    /**
     * Return false as a shallow clone is returned, not a new instance.
     */
    public boolean buildsNewInstance() {
        return getMethodName() == null;
    }

    public String toString() {
        return Helper.getShortClassName(this) + "(" + this.getMethodName() + ")";
    }
}

```

1.637 flyway-core 4.2.0

1.638 stax-api 1.0-2

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1.640 asm 2.5.0

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1.641 x-time-rate 0.0.0

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1.646 x-crypto 1.0.0

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1.647 net-snmp 5.7.2-48.el7_8

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1.648 hibernate-jpa 1.0.0

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the

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@end enumerate

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@subheading END OF TERMS AND CONDITIONS

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@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

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1.650 jackson-module-parameter-names

2.9.10

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

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

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

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When a "work that uses the Library" uses material from a header file

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

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1.652 nghttp 1.34.2

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1.653 jackson-dataformat-yaml 2.10.3

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

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1.654 m4 1.4.16 10.e17

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@enumerate 0

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

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```
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```

```
@var{one line to give the program's name and a brief idea of what it does.}
```

```
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```

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```
@end smallexample
```

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```
@smallexample
```

```
@var{program} Copyright (C) @var{year} @var{name of author}
```

```
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```

```
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```

```
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```

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Version 3, 29 June 2007

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1.656 converter-jackson 2.5.0

1.657 go-shellwords 1.0.5

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1.658 grub 2.02-0.81.0.1.el7

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1.659 javax-el 2.2.4

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/**

* This code is a stripped down version of Robert Harder's Public Domain
* Base64 implementation. GZIP support, InputStream and OutputStream stuff
* and some unneeded encode/decode methods have been removed.

*

* -- Original comments follow --

*

* Encodes and decodes to and from Base64 notation.

*

* <p>

* Change Log:

* </p>

*

* v2.1 - Cleaned up javadoc comments and unused variables and methods. Added

* some convenience methods for reading and writing to and from files.

* v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems

* with other encodings (like EBCDIC).

* v2.0.1 - Fixed an error when decoding a single byte, that is, when the

* encoded data was a single byte.

* v2.0 - I got rid of methods that used booleans to set options.

* Now everything is more consolidated and cleaner. The code now detects

* when data that's being decoded is gzip-compressed and will decompress it

* automatically. Generally things are cleaner. You'll probably have to

* change some method calls that you were making to support the new

- * options format (<tt>int</tt>s that you "OR" together).
- * v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using <tt>decode(String s, boolean gzipCompressed)</tt>.
- * Added the ability to "suspend" encoding in the Output Stream so you can turn on and off the encoding if you need to embed base64 data in an otherwise "normal" stream (like an XML file).
- * v1.5 - Output stream pases on flush() command but doesn't do anything itself. This helps when using GZIP streams.
- * Added the ability to GZip-compress objects before encoding them.
- * v1.4 - Added helper methods to read/write files.
- * v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.
- * v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned.
- * v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.
- * v1.3.3 - Fixed I/O streams which were totally messed up.

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Please visit http://iharder.net/base64 periodically to check for updates or to contribute improvements.

</p>

@author Robert Harder

@author rob@iharder.net

@version 2.1

/

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/**

* This adds a function to our lookup table.

*

* <p>User code should use the addFunctions method, which is based upon a

* query, rather than hard coding the oid. The oid for a function is not

* guaranteed to remain static, even on different servers of the same

* version.

*

* @param name Function name

* @param fnid Function id

*/

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```
// more details.
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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1033380735_1590067200.8/0/postgresql-9-4-1207-sources-2-  
jar/org/postgresql/Driver.java
```

1.666 error-prone-annotations 2.2.0

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1.667 javassist 3.25.0

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1.672 bean-validation-api 2.0.1

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1.678 spring-cloud-context 1.3.4

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1.681 commons-beanutils 1.9.4

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1.682 netty-handler 4.1.31

1.683 javax-websocket-api 1.0

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1.685 psmisc 22.20 16.el7

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1.689 swagger-annotations 1.5.20

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 */
```

```
package io.swagger.annotations;
```

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

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

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

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

```
/**
 * An optional URL for the license.
 *
 */
```

```
* @return an optional URL for the license.  
*/  
String url() default "";  
}
```

1.690 p11-kit 0.23.5-3.el7

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1.691 pcsc-lite 1.8.8 8.el7

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1.692 Isof 4.87 6.e17

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1.693 libnetfilter-contrack 1.0.6 1.el7_3

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1.698 httpcomponents-client 4.5.6

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1.699 erlang-otp 7.3

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1.700 simpleclient-common 0.7.0

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1.708 config-types 2.5.0

1.709 json-c 0.11 4.el7_0

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1.710 jackson-datatype-jsr310 2.9.10

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1.711 trilead-ssh 1.0.0-build220

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1.712 javax-json 1.0.4

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1.715 goprotobuf 1.4.2

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1.716 gnupg 2.0.22 5.e17_5

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Version 3, 29 June 2007

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1.723 joda-time 2.9.9

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1.724 jersey-media-jaxb 2.25.1

1.725 xmlrpc-c 1.32.5 1905.svn2451.el7

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1.726 commonj-sdo 2.1.1.v201112051852

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1.727 sqlite 3.6.4

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1.730 ant-junit 1.10.7

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)

* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)

*

* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.

* <http://www.hypermall.com/>

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

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1.738 yavijava 6.0.03

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1.742 circonusllhist 0.1.3

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1.744 failureaccess 1.0.1

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1.745 openssl 1.0.2k 19.el7

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1.746 man-db 2.6.3-11.el7

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Version 2.1, February 1999

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1.761 jul-to-slf4j 1.7.26

1.762 mchange-commons-java 0.2.19

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1.763 core-module 1.2.3

1.764 rpcbind 0.2.0-49.el7

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1.765 passwd 0.79-6.el7

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*  
*/  
  
#ifndef _BSD_WAITPID_H  
#define _BSD_WAITPID_H  
  
#ifndef HAVE_WAITPID  
/* Clean out any potential issues */  
#undef WIFEXITED
```

```

#undef WIFSTOPPED
#undef WIFSIGNALED

/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
#define WIFEXITED(w) (!((_W_INT(w)) & 0377))
#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w)) >> 8) & 0377) : -1)
#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w)) & 0177) : -1)
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

/* Prototype */
pid_t waitpid(int, int *, int);

#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */
/*
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 */

#ifdef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifdef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif
This file is part of the OpenSSH software.

```

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* @version 3.0 (December 2000)

*

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

*

* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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*****/

```

```

$OpenBSD: LICENCE,v 1.20 2017/04/30 23:26:16 djm Exp $
/* $OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp $ */

```

```

/*

```

```

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```

```

*/

/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifdef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;

typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif

#define INFTIM (-1) /* not standard */

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */

```

1.767 jackson-dataformat-yaml 2.9.10

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1.769 jackson-datatype-guava 2.9.10

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1.770 hibernate-validator-annotation-processor 5.3.6

1.771 gdk-pixbuf 2.20.0

1.772 icu 65.1-r1

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Commands to generate dependency files

GEN_DEPS.c= \$(CC) -E -MM \$(DEFS) \$(CPPFLAGS)

GEN_DEPS.cc= \$(CXX) -E -MM \$(DEFS) \$(CPPFLAGS)

Flags for position independent code

SHAREDLIBCFLAGS = -fPIC

SHAREDLIBCXXFLAGS = -fPIC

SHAREDLIBCPPFLAGS = -DPIC

Additional flags when building libraries and with threads

THREADSCPPFLAGS = -D_REENTRANT

LIBCPPFLAGS =

Compiler switch to embed a runtime search path

LD_RPATH=

LD_RPATH_PRE= -Wl,-rpath,

Compiler switch to embed a library name

LD_SONAME = -Wl,-soname -Wl,\$(notdir \$(MIDDLE_SO_TARGET))

Shared library options

LD_SOOPTIONS= -Wl,-Bsymbolic

Shared object suffix

SO = so

```

## Non-shared intermediate object suffix
STATIC_O = ao

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

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

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

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

## Versioned libraries rules

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

## Bind internal references

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

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

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

## End BSD-specific setup

```

1.773 talloc 2.1.16-1.e17

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Version 3, 29 June 2007

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1.776 libuser 0.60-9.el7

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1.777 util-linux 2.23.2-63.el7

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- Mike Benham & moxie@thoughtcrime.org - detection and fixing of an incorrect weak key in the DES key generation support classes. Suggestions for simplifying DESedeParameter objects. Optimisations for the Blowfish engine and BufferedBlockCipher class.

Soren Hilmer <hilmer@#064;mail.tele.dk> - initial implementation of netscape certificate request classes.

Uwe Guenther <uwe@#064;csc.de> - detection and fixing of 3 incorrect semi-weak keys in the DES key generation support classes.

Markus Bradtke <mab@#064;informatik.uni-kiel.de> - fixing of a logic error in the JDKKeyStore class.

Waclaw Sierok <waclaw.sierok@#064;tpg.pl> - fix to setOddParity in the DESParameter class. Assistance with adding ordering to X509 names for certificate generation, proper processing of byte strings in the ASN1 package, further simplifications and additional classes to improve pkcs7 support, bug fixes in CertPath API.

Ly-Na Phu <lyna.phu@#064;init-consulting.de> - assistance in the addition of ISO 9796-1 padding.

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Carmen Bastiaans <cbastiaa@#064;microbits.com.au> - fixing the improper null pointer problem in the setting of certificates in the PKCS12 key store.

Tomas Gustavsson <tomasg@#064;primekey.se> - initial implementation of the AuthorityInformationAccess, SubjectKeyIdentifier, AuthorityKeyIdentifier, CRLNumber, CRLReason, CertificatePolicies, V2TBSCertListGenerator, and X509V2CRLGenerator classes in the ASN.1 library. Additions to GeneralName class, other bug fixes in the X.509 package. Initial implementation of the CertificationRequest classes. getRevocationReason() patch for OCSP. Patch to SemanticsInformation to prevent ClassCastException.

Eugen Kuleshov <euxx@#064;hotmail.com> - optimisations for Blowfish, assistance with PKCS12/keytool interoperability.

Megan Woods <meganwoods@#064;sekurafire.com> - initial implementation of ECIES.

Christian Geuer-Pollmann <geuerp@#064;apache.org> - adding IV's to the AESWrap implementations. Initial implementation of DESedeWrap.

Michael Mühle <michael@#064;mouling.de> - contributing the initial CertPath implementation and compatibility classes, fixing provider bug in JDK 1.1 java.security.cert.CertificateFactory compatibility class.

Michael Mansell <me@#064;michaelmansell.com> - fixing the parsing of the empty DER set in the ASN.1 library.

Eike Recker <eike.recker@#064;gmx.de> - fixing misspelling of provider reference for RSA/1 and RSA/2.

Chris Southern <CSouthern@#064;baltimore.com> - fixing misuse of specified provider in the PKCS10 certification request class.

Sidney Markowitz <sidney@#064;sidney.com> - fixing null pointed exception on unknown OID in X509Name class, initial implementation of the three AES engines.

Chris Kerr <ckerr@#064;filonet.ca> - initial implementation of the cms, asn1.cms, and the mail/smime packages, assistance in simplifying the ASN.1 package, miscellaneous other optimisations, NIST CertPath certification test, PKIXPolicyNode class, CertPath subtree validation and policy tree construction. We also wish to acknowledge the generosity of Filonet Corporation for allowing Chris to make the initial cms and mail/smime packages available to us.

Mike Bean <mbean@#064;lucentradius.com> - fixing the fall through bug

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Martin Petraschek <e9526225@student.tuwien.ac.at> - fixing ASN1 tagging so tag values up to 30 are now supported.

Jess Garms <jgarms@yahoo.com> - fixing 112/168 key size bug for DESede key generation.

Mike Bremford <mike@big.faceless.org> - contributing the initial PKCS7 implementation.

Shankar Srinivasan <ssr002@yahoo.com> - S/Mime interoperability testing and debugging.

Stef Hoeben <ilsestef@skynet.be> - adding Montgomery multiplication to the BigInteger class.

Klaudiusz Ciosk <kciosk@max.com.pl> - improving the compatibility of the SMIME package with the Sun JCE.

Thomas Houtekier <Thomas.Houtekier@tectrade.net> - S/Mime testing and debugging.

Interoperability with Biztalk.

Don Hillsberry <hillsber@dialcorp.com> - S/Mime testing and debugging.

Kazuo Furuya <kfuruya@infoteria.co.jp> - fixing root certificate chaining bug in PKCS12 key store.

Jason Novotny <jdnovotny@lbl.gov> - initial work on the openssl PEM processing.

Joel Hockey <joel.hockey@qsipayments.com> - initial work on the openssl PEM processing.

John Steenbruggen <JohnS@geotrust.com> - fixing CertificationRequestInfo to handle cert request info objects without attribute blocks.

Justin Chapweske <justin@chapweske.com> - ordering patch for Tiger message digest.

John Serock <jserock@hotmail.com> - fixing null pointer exception in constructor for ExtendedKeyUsage. Fixing of base OID bug in KeyPurposeId. Compliance of KeyUsage extension return value with security API.

Sascha Weinreuter <Sascha.Weinreuter@cit.de> - fixed SMIME saveChanges() bug.

Andre Wehnert <aw5@mail.inf.tu-dresden.de> - fixing key schedule problem in RC5-64, fixing buffer cleaning issue in buffered block cipher.

Luigi Lo Iacono <lo_iacono@nue.et-inf.uni-siegen.de> - adding SIC mode to the blockciphers in the provider.

Tim Sakach <tsakach@certivo.net> - SMIME v2 compatibility patches.

Marcus Povey <mpovey@brookes.ac.uk> - adding the PGP mode to the lightweight API and the provider.

Sebastian Clauß <sc2@inf.tu-dresden.de> - adding randomness setting to the certificate and CRL generators.

Nicolas Bielza <nicolas.bielza@alligacom.com> - isolating the tagging bug in the ASN.1 library that was misrepresenting some ASN.1 constructed data types. Contributions to the streaming S/MIME classes.

Casey Marshall <rsdio@metastatic.org> - fixing the clone problem with Macs in the clean room JCE.

Rick Zeldes <rick.zeldes@eds.com> - initial code for CMS/SMIME CompressedData.

Jarek Gawor <gawor@mcs.anl.gov> - fixing ASN.1 sequence unpacking in BasicConstraints constructor.

Brett Neumeier <random@rnd.cx> - patch to OriginatorIdentifierOrKey object, improvements to encoders package, introduction of UrlBase64.

Graham Coles <graham.coles@retail-logic.com> - patch to isParityAdjusted in DESKeySpec.

Jörn von Kattchée <J.Kattchee@seeburger.de> - patch to SMIMEGenerator for preventing class cast exceptions with BodyParts containing Multipart objects.

Matteo Artuso <matartuso@libero.it> - picking up the possible overread in ASN1InputStream.

Julian Morrison <julian@extropy.demon.co.uk> - spotting the slow down

in Diffie-Hellman key generation.
Elmar Sonnenschein <eso@esomail.de> - fix to long conversion in clean room SecureRandom.
Jörnl Schwarze <JSchwarze@ulc.de> - Locale fix for the clean room JCE.
Bryan Lovquist <bkl@cps.com.au> - Other provider compatibility fixes for CMS signing.
Artem Portnoy <Artem_Portnoy@ibi.com> - generalisations for CMSProcessableBodyPart in S/MIME. Header fix for mime messages.
Michael Häusler <haeusler@ponton-consulting.de> - missing OID update for SHA1 with RSA Signature.
Johan Seland <johans@netfonds.no> - general toString for BigInteger class.
Johannes Nicolai <johannes.nicolai@novosec.com> - further enhancements to OCSP response generation, fix to CertificateID issuer.
Marc Doberva <marc.doberva@ilex-si.com> - help in isolating the JSSE/BC RSA key issue.
Jan Dvorak <jan.dvorak@mathan.cz> - initial implementation of the light weight Null block cipher.
Joe Cohen <jcohen@forumsys.com> - converting the ArrayOutOfBoundsException in DERInputStream into what it should have been.
Chris Long<aalong@ece.cmu.edu> - adding public key decoding to PEMReader.
Hes Siemelink<hes@izecom.com> - findIssuer fix for CertPathBuilder, toMimeMessage converter for Mail API, getSize() fix for zero length messages in SMIMEMessage.
Stefan Puiuro<stefanpuiuro@yahoo.com> - initial implementation V3 policy mapping, policy qualifier objects in ASN.1 X.509 package.
Kaiser Yang <kaiseryang@yahoo.com> - Finding BigInteger loop problem in prime generation.
Jiri Urbanec <jiri.urbanec@logicacmg.com> - patch to fix defect in DERBMPString.equals().
Justin Kolb <jkolb@pristx.com> - patch to DSA signature generation in OpenPGP. Fix for the unexpected "Unexpected end of ZLIB input stream" exception.
Ralf Hauser <ralfhauser@gmx.ch> - patch to exception handling in PublicKeyRing, PEMReader, 1.4 build script, X509 Certificate Factory, CertPathValidatorUtilities, fromAddress null check in SignedMailValidator, ReadOnceInputStream testing utility in MIME tests.
Michal Dvorak <M_Dvorak@kb.cz> - getNextUpdate patch for OCSP SingleResp.
Klaus Greve Fiorentini <Klaus@cpqd.com.br> - array fix in PGP PublicKeyEncSessionPacket.
Olivier Refalo <Olivier_Refalo@fpl.com> - null pointer exception fix for JDK 1.3 CMSSignedData objects.
Mariusz Bandola <mariusz.bandola@cryptotech.com.pl> - patch to DERGeneralizedTime. Compliance patch for OCSP TBSRequest class. Patch to X509Name for delaing with general objects in sequences.
Brien Oberstein <brien.oberstein@transacttools.net> - patch to S2K algorithm in OpenPGP, initial PGP version 3 secret key support, initial PGP version 3 signature generation, RIPEMD160 addition to PGPUtil.
Ian Haywood <ian@haywood.bpa.nu> - addition of getSignatureType to PGPSignature.
Jonathan Edwards <s34gull@mac.com> - initial support for reading multiple rings from a PGP key file.
Andrew Thornton <andrew@caret.cam.ac.uk> - patch for RSA PUBLIC KEY in PEMReader.
Gregor Leander <gl@bos-bremen.de> - initial parsing of multiple sequence entries in an X.509 Name.
Antoon Bosselaers <Antoon.Bosselaers@esat.kuleuven.ac.be> - help with RipeMD320 implementation.
Peter Sylvester <Peter.Sylvester@edelweb.fr> - improvements to the ASN.1 BasicConstraints object.

- Doug <ummmmm@myrealbox.com> - addition of isEncryptionKey method to OpenPGP public keys.
- Francois Staes <fstaes@netconsult.be> - improvements to DEBitString, DERGeneralizedTime and initial implimentation of DERGeneralString, addition of settable signed object info to CMSSignedDataGenerator, patch to DH key agreement.
- W.R. Dittmer <wdittmer@cs.vu.nl> - patch to decoding of SignatureCreationTime in BCPG. Patch to PGPKeyPair to fix nullpointer exception.
- Perez Paz Luis Alberto <laperez@banxico.org.mx> - patch to use of BitString in X.500 name.
- James Wright <James_Wright@harte-hanks.com> - patches for dealing with "odd" ArmoredInputStreams.
- Jim Ford <jim@muirford.com> - patch to PGPSecretKey to avoid null pointer exception on encoding secret keys, comments on KeyExpirationTime, getBitStrength for ElGamal keys. Signature creation time patch for newly created v4 signatures.
- Michael Hausler <haeusler@ponton-consulting.de> - extra aliases for provider.
- Sai Pullabhotla <psai@linoma.com> - fix to PGP compressed data generator to improve compression levels. Performance improvements for KeyBasedLargeFileProcessor.
- Joseph Miller <joseph@digiweb.net.nz> - addition of ZeroBytePadding.
- Lars <xyz@sagemdenmark.dk> - patch to explicit padded mode for CBC block cipher MAC.
- Jeroen van Vianen <jeroen@vanvianen.nl> - the Signed and Encrypted mail example.
- Jun Sun <JSun@diversinet.com> - patch to SecureRandom to work around problem in wtk 1.0.4 and wtk 2.1.
- Petr Dukem <pdukem@email.cz> - patch to CMSSignedDataGenerator to allow it to work with PKCS11 providers.
- Filipe Silva <filipe.silva@wedoconsulting.com> - patch to fix overread issue in BCPGInputStream.
- Alpesh Parmar <alps@linuxmail.org> - patch for class cast problem in PGPPublicKey.getSignatures().
- Jay Gengelbach <jengelbach@webmethods.com> - patch to fix isSigningKey in PGPSecretKey class, patch to hashedPackets in PGP signatureGenerator, initial cut for indefinite length output.
- Doug <doug@tigerprivacy.com> - public key ring patches for ElGamal Signatures, problem key ring data.
- Matthew Mundy <mmundy1@umbc.edu> - infinite loop prevention patch to PKCS5S2ParametersGenerator.
- Tom Cargill <cargill@profcon.com> - spelling patch in provider.
- Breitenstrom Christian <C.Breitenstrom@t-systems.com> - compatibility patch to SignaturePacket, DetachedSignatureProcessor.
- Zanotti Mirko <zanotti@cad.it> - patch to ordered equality test for X509Name.
- Nicola Scendoni <nscendoni@babelps.it> - patch to add sorting to CertPath validation.
- Ville Skytt@iki.fi> - patch to CRLDistPoint for cRLIssuer field. KeyStore compliance on add patches. DiffieHellman patch for provider compliance. Support for PEM object "TRUSTED CERTIFICATE". Exception handling patch in PEMReader. JavaDoc clean up.
- Bruce Gordon <bruce.gordon@savvis.net> - patch to secret key creation encoding NullPointerException in OpenPGP, speed up for BCPGInputStream.
- Miles Whiteley <Miles.Whiteley@savvis.net> - "223" fix for BCPGInputStream new packets.
- Albert Moliner <amoliner@evintia.com> - initial TSP implementation.
- Carlos Lozano <carlos@evintia.com> - initial TSP implementation, patch to SignerInformation for supporting repeated signers, initial updates for supporting repeated attributes in CMS.
- Javier Delgadillo <javi@javi.codewarp.org> - initial Mozilla PublicKeyAndChallenge classes.

Joni Hahkala <mailto:joni.hahkala@cern.ch>; - initial implementations of VOMS Attribute Certificate Validation, IetfAttrSyntax, and ObjectDigestInfo. We also wish to thank the EGEE project for making the work available.

Rolf Schillinger<mailto:rolf@sir-wum.de>; - initial implementation of Attribute Certificate generation.

Sergey Bahtin <mailto:Sergey_Bahtin@yahoo.com>; - fix for recovering certificate aliases in BKS and UBER key stores. Initial implementations of GOST-28147, GOST-3410, EC GOST-3410, GOST OFB mode (GOFB) and GOST-3411.

Franck Leroy <mailto:Franck.Leroy@keynectis.com>; - ANS.1 set sorting. Contributions to TSP implementation. Test vectors for Bleichenbacher's forgery attack.

Atsuhiko Yamanaka <mailto:ymnk@jcraft.com>; - patch for improving use of Montgomery numbers in BigInteger library. Patch to use size of private exponent in DH parameters.

Nickolay Bolshakov <mailto:tyrex@reksoft.ru>; - patch for class cast exception in AuthorityInformationAccess class.

Soren Hilmer <mailto:soren.hilmer@tietoenator.com>; - patches for CertID with issuerSerial set in TSP implementation, additional compliance testing.

Steve Mitchell <mailto:mitchell@intertrust.com>; - patch for stateful path validator fix. Patch to allow BigInteger class to create negative numbers from byte arrays. Additions to allow different providers to be used for asymmetric/symmetric encryption in OpenPGP. Optimisation to avoid redundant verification in path validator. Suggestion to use PKIXParameters.getSigProvider() correctly.

Dirk Eisner <mailto:D.Eisner@seeburger.de>; - initial implementation of ISO 78164-4 padding.

Julien Pasquier <mailto:julienpasquier@free.fr>; - initial implementation of attribute classes from RFC 3126. Fix to KEKIdentifier, OtherKeyAttribute parsing. Initial ContentHints class.

Matteo <mailto:matartuso@libero.it>; - sequence patch to ASN1Dump.

Andrew Paterson <mailto:andrew.paterson@burnsecs.com>; - patches to PGP tools, isRevoked method on PGPPublicKey.

Vladimir Molotkov <mailto:vladimir.n.molotkov@intel.com>; - extensive provider exception handling compliance testing.

Florin Kollan <mailto:adlocflo@web.de>; - fix to ElGamalKeyParameters equality testing.

Pavel Vassiliev <mailto:paulvas@gmail.com>; - Initial GOST28147Mac implementation.

Tom Pesman <mailto:tom@tlinux.net>; - addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.

Lukasz Kowalczyk <mailto:lukasz.b.kowalczyk@gmail.com>; - patch to fix parsing issue with OpenSSL PEM based certificate requests.

Arndt Hasch <mailto:Arndt.Hasch@maxence.de>; - additional fix for partial reading with new style PGP packets.

Fix Bernd (KCDP 11) <mailto:bernd.fix@credit-suisse.com>; - fix for 31 byte issue and exception throwing by Whirlpool.

David M. Lee <mailto:dmlee@crossroads.com>; - code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.

Mike Dillon <mailto:md5@embody.org>; - additional checks for PGP secret and public key construction, patches to copyWithNewPassword.

tu-vi cung <mailto:t2cung@hotmail.com>; - patch for out of bounds problem in getDecoderStream method.

Chris Schultz <mailto:cschultz@gmail.com>; - fix for InputStream constructor for X509V2AttributeCertificate.

David M. Lee <mailto:dmlee@crossroads.com>; - implementation assistance with streaming CMS classes.

- Joel Rees <rees@ddcom.co.jp> - fix to correct getOID methods from returning same set on X.509 attribute certificates.
- Francesc Sau <francesc.sau@partners.netfocus.es> - micro fix for tsp Accuracy class.
- Larry Bugbee <bugbee@mac.com> - initial ECNR implementation.
- Remi Blancher <Remi.Blancher@keynectis.com> - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.
- Brian O'Rourke <brianorourke@gmail.com> - patch for signature creation time override in OpenPGP.
- Andreas Schwier <andreas.schwier@cardcontact.de> - initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 MAC to the provider, fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.
- David Josse <david.josse@transacttools.net> - Patch for trailer function in version 2 signature packets.
- Kishimoto Kazuhiko <kazu-k@hi-ho.ne.jp> - RFC 3280 updates to policy processing in the CertPath validator. Additional test data not covered by NIST.
- Lawrence Tan <lwrnctan@gmail.com> - Large field OID sample test data. Missing key types in JDKKeyFactory.
- Carlos Valiente <superdupont@gmail.com> - Addition of CRL writing to the PEMWriter class.
- Keyon AG, Martin Christinat, http://www.keyon.ch - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.
- Olaf Keller, <olaf.keller.bc@bluewin.ch> - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.
- Jörg Eichhorn <eichhorn@ponton-consulting.de> - patch to fix EOF read on SharedFileInputStream, support for F2m compression.
- Karsten Ohme <widerstand@t-online.de> - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings. Fix for RFC 5280 NameConstraint checking for RDNs.
- Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design. CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.
- Carlos Lozano Ruiz <carlos@tradise.com> - patch for <ctrl><m> only handling in CRLFOutputStream.
- John Alfred Prufrock <j.a.prufrock@gmail.com> - mods to GOST-3411 and MD2 to support ExtendedDigest.
- Stefan Neusatz Guilhen <sneusatz@gmail.com> - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.
- Marzio Lo Giudice <marzio.logiudice@gmail.com> - fix to endianness in KDF2BytesGenerator, additional KDF2 tests.
- Georg Lippold <georg.lippold@gmx.de> - initial implementation of NaccacheStern cipher.
- Chris Viles <chris_viles@yahoo.com> - fix to SignatureSubpacket critical bit setting.

- Pasi Eronen <Pasi.Eronen@nokia.com>; - extra toString() support for ASN.1 library. Initial patch for large OID components.
- Lijun Liao <https://github.com/xipki>; performance enhancements for SHA family of digests. Bug report and patch for blank line handling in ArmoredInputStream. Addition of getSignatureAlgorithmID to BasicOCSPResp. Reset fix for SM2 signatures, performance improvements for SHA-3. Clean up of CMP EncryptedValueBuilder, additional functionality on PollReqContent. Bug fix for endianness issue in cSHAKE left encode method.
- Maria Ivanova <maria.ivanova@gmail.com>; - support for tags > 30 in ASN.1 parsing.
- Armin Häberling <arminha@student.ethz.ch>; - first cut of internationalisation, initial PKIX validation classes.
- Marius Schilder <mschilder@google.com>; - main set of test vectors for Bleichenbacher's forgery attack.
- Xavier Le Vourch <xavier@brittanysoftware.com>; - general code clean ups.
- Erik Tews <e_tews@cdc.informatik.tu-darmstadt.de>; - initial threaded random seed generator, constant-time PKCS#1.5 decoding
- Thomas Dixon <reikomusha@gmail.com>; - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.
- Frank Cornelis <info@frankcornelis.be>;- addition of crlAccessMethod in X509ObjectIdentifiers.
- Rui Joaquim <rjoaquim@cc.isel.ipl.pt>; - initial implementation of RSA blinding for signatures.
- David Stacey <DStacey@allantgroup.com>; - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.
- Martijn Brinkers <list@mitm.nl>; - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.
- Julius Davies <juliusdavies@gmail.com>; - additional modes and algorithm support in PEMReader
- Matthias <g@rtner.de>; - GnuPG compatibility changes for PBEFileProcessor.
- Olga Käthler <olga.kaethler@hjp-consulting.com>; - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.
- Germano Rizzo <germano.rizzo@gmail.com>; - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.
- Núria Marí <numaa@hotmail.com>; - patch for alternate data type recognition in CMSSignedDataParser.
- Janis Schuller <js@tzi.de>; - addition of NotationData packets for OpenPGP.
- Michael Samblanet <mike@samblanet.com>; - patches towards improved Sun/default provider support in CMS.
- Mike StJohns <mstjohns@comcast.net>; - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA, updates to KeyPurposeId.
- Ramon Keller <ramon.keller@gmx.ch>; - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.
- Mark Nelson <mark@nbr.com>; - correction to excluded DN in name constraints processing for PKIX processing.
- Eugene Golushkov <eugene_gff@ukr.net>; - mask fix to single byte read in TlsInputStream.
- Julien Pasquier <julienpasquier@free.fr>; - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.
- Peter Knopp <pknopp@mtg.de>; - fix for named curve recognition in ECGOST key generation.
- Jakub Gwozdz <gwozdziu@rpg.pl>; - addition of getTsa() to TimestampTokenInfo.
- Bartosz Malkowski <bmalkow@tigase.org>; - initial implementation of VMPC cipher,

VMPCRandomGenerator, VMPCMac.
Tal Yacobi <tal.yacobi@octavian-tech.com> - fix for issue in OpenPGP examples [#BJA-55].
Massimiliano Ziccardi <massimiliano.ziccardi@gmail.com> - support for counter signature reading in CMS API, update for multiple counter signature attributes, JCA compliance patch for PEM parsing in CertificateFactory.
Andrey Pavlenko <andrey.a.pavlenko@gmail.com> - security manager patch for PKCS1Encoding property check.
J Ross Nicoll <jrn@jrn.me.uk> - improved exception handling for getInstance() in ASN.1 library.
Matthew Stevenson <mavricknz@yahoo.com> - patch to construtor for CRMF CertSequence.
Gabriele Contini <gcontini@hotpop.com> - identified a bug in ASN.1 library with handling of unterminated NDEF's.
Roelof Naude <roelof.naude@epiuse.com> - patch for TLS client to send empty client certs in response to HP_CERTIFICATE_REQUEST.
Patrick Peck <peck@signaturen.at> - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.
Michael LeMay <lemaymd@lemaymd.com> - identified problem with EAX [#BJA-93].
Alex Dupre <ale@FreeBSD.org> - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificationRequest [#BJA-102]
Michael Schoene <michael@sigrid-und-michael.de> - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().
Ion Larrañaga <ilarra@s21sec.com> fix to default partial packet generation in BCPGOutputStream.
Bob Kerns <bob.kerns@positscience.com> fix to hashCode for X509CertificateObject.
Stefan Meyer <stefan.meyer@ewe.de> backport for PKIXCertPathValidotor and SMIMESignedMailReviewer.
Robert J. Moore <Robert.J.Moore@allanbank.com> speedups for OpenPGPCFB mode, clean room JCE patches.
Rui Hodai <rui@po.ntts.co.jp> speed ups for Camellia implementation, CamelliaLightEngine.
Emir Bucalovic <emir.bucalovic@mail.com> initial implementation of Grain-v1 and Grain-128.
Torbjorn Svensson <tobbe79@gmail.com> initial implementation of Grain-v1 and Grain-128.
Paul FitzPatrick <bouncycastle_pfitz@fitzpatrick.cc> error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.
Henrik Andersson <k.henrik.andersson@gmail.com> addition of UniqueIssuerID to certificate generation.
Cagdas Cirit <cagdasirit@gmail.com> subjectAlternativeName fix for x509CertStoreSelector.
Harakiri <harakiri_23@yahoo.com> datahandler patch for attached parts in SMIME signatures.
Pedro Henriques <pmahenriques@gmail.com> explicit bounds checking for DESKeyGenerator, code simplification for OAEP encoding.
Lothar Kimminger <job@kimminger.de> verbose mode for ASN1Dump, support for DERExternal, DNS performance fix for S/MIME API.
Richard Farr <rfarr.se@gmail.com> initial SRP-6a implementation.
Thomas Castiglione <castiglione@au.ibm.com> patch to encoding for CRMF OptionalValidity.
Elisabetta Romani <eromani@sogei.it> patch for recognising multiple counter signatures.
Robin Lundgren <r737lundgren@gmail.com> CMPCertificate constructor from X509CertificateStructure fix.

- Petr Kadlec <mormegil@centrum.cz> fix to sign extension key and IV problem in HC-128, HC-256.
- Andreas Antener <antener_a@gmx.ch> fix to buffer reset in AsymmetricBufferedBlockCipher.
- Harendra Rawat <hsrawat@yahoo.com> fix for BERConstructedOctetString.
- Rolf Lindemann <lindemann@trustcenter.de> patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].
- Alex Artamonov <alexart.home@gmail.com> name look up patch for GOST-2001 parameters.
- Mike Lyons <mlyons@layer7tech.com> work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.
- Chris Cole <chris_h_cole@yahoo.com> identified a problem handling null passwords when loading a BKS keystore.
- Tomas Krivanek <tom@atack.cz> added checking of Sender header to SignedMailValidator.
- Michael <emfau@t-online.de> correction of field error in getResponse method in CertRepMessage.
- Trevor Perrin <trevor@cryptography.com> addition of constant time equals to avoid possible timing attacks.
- Markus Kilås <markus@primekey.se> several enhancements to TimeStampResponseGenerator.
- Dario Novakovic <darionis@yahoo.com> fix for NPE when checking revocation reason on CRL without extensions.
- Michael Smith <msmith@cbnco.com> bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.
- Andrea Zilio <andrea.zilio@gmail.com> fix for PEM password encryption of private keys.
- Alex Birkett <alex@birkett.co.uk> added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].
- Wayne Grant <waynedgrant@gmail.com> additional OIDs for PKCS10 and certificate generation support.
- Frank Cornelis <info@frankcornelis.be> additional support classes for CAES, enhancements to OCSP classes.
- Jan Dittberner <jan@dittberner.info> addHeader patch for SMIME generator.
- Bob McGowan <boab.mcgoo@btinternet.com> patch to support different object and mgf digests in PSS signing.
- Ivo Matheis <i.matheis@seeburger.de> fix to padding verification in ISO-9796-1.
- Marco Sandrini <nessche@gmail.com> patch to add IV to ISO9797Alg3Mac.
- Alf Malf <alfilmalf@hotmail.com> removal of unnecessary limit in CMSContentInfoParser.
- Alfonso Massa <alfonso.massa@insiel.it> contributions to CMS time stamp classes.
- Giacomo Boccardo <gboccardo@unimaticaspa.it> initial work on CMSTimeStampedDataParser.
- Arnis Tartu <arnis@ut.ee> patches for dealing with OIDs with specific key sizes associated in CMS.
- Janusz Sikociski <J.Sikocinski@gdzie.pl> addition of Features subpacket support to OpenPGP API.
- Juri Hudolejev <jhudolejev@gmail.com> JavaDoc fix to CMSSignedDataParser.
- Liane Velten <liane.velten@hjp-consulting.com> fine tuning of code for DHParameters validation.
- Shawn Willden <swillden@google.com> additional functionality to PGPKKeyRing.
- Atanas Krachev <akrachev@gmail.com> added support for revocation signatures in OpenPGP.
- Mickael Laiking <mickael.laiking@keynectis.com> initial cut of EAC classes.

- Tim Buktu <t;tbuktu@hotmail.com> Initial implementation of NTRU signing and encryption.
- Bernd <rbernd@gmail.com> Fix for open of PGP literal data stream with UTF-8 naming.
- Steing Inge Morisbak <stein.inge.morisbak@BEKK.no> Test code for lower case Hex data in PEM headers.
- Andreas Schmid <andreas.schmid@tngtech.com> Additional expiry time check in PGPPublicKeys.
- Phil Steitz <phil.steitz@gmail.com> Final patch eliminating JCE dependencies in the OpenPGP BC classes.
- Ignat Korchagin <ignat.korchagin@gmail.com> Initial implementation of DSTU-4145-2002, long hash fix for DSTU-4145-2002.
- Petar Petrov <p.petrov@bers-soft.com> Testing and debugging of UTF-8 OpenPGP passwords.
- Daniel Fitzpatrick <daniel.f.nwr@gmail.com> Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.
- Andy Neilson <Andy.Neilson@quest.com>a further patches to deal with multiple providers and PEMReader.
- Ted Shaw <xiao.xj@gmail.com> patch to MiscPEMGenerator for handling new PKCS10CertificationRequests.
- Eleriseth <Eleriseth@WPECGLtYbVi8Rl6Y7Vz12Lvd2EUVW99v3yNV3IWROG8.fms> speed up for SIC/CTR mode. Provider compatibilty generalisations for EC operations.
- Kenny Root <kenny@the-b.org> patch for issuerAltName, subjectAltName support in X509CertificateObject, BaseBlockCipher.getIV() patch for AEAD.
- Maarten Bodewes <maarten.bodewes@gmail.com> initial implementation of HKDF and NIST SP 800-108 MAC based KDF functions.
- Philip Clay <pilf_b@yahoo.com> Initial implementation of J-PAKE.
- Brian Carlstrom <bdc@carlstrom.com> compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, intial provider PBKDF2WithHmacSHA1 SecretKeyFactory.
- Samuel Lidén Borell <samuel@primekey.se> patch to add DSTU-4145 to DefaultSignatureAlgorithmFinder
- Sergio Demian Lerner <sergiolerner@certimix.com> pointing out isInfinity issue in ECDSASigner signature verification.
- Tim Whittington <Tim.Whittington@orionhealth.com> patch to remove extra init call in CMac, additional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Noekeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInput/OutputStream implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDBCrypt, PGP API documentation and code quality work.
- Marcus Lundblad <marcus.lundblad@primekey.se> patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.
- Andrey Zhozhin <zhozhin@xrm.ru> patch for override of TSP SignerInfo attributes.
- Sergey Tiunov <t5555d@gmail.com> initial cut of DVCS classes.
- Damian Kolasa <fatfredy@gmail.com> ASN1Sequence patch for class cast issue in X9Curve.
- Ash Hughes <ashley.hughes@blueyonder.co.uk> patches for supporting

PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().

Daniel Hirscher <dev@daniel-hirscher.de> patch to support parsing of explicit EC parameters in PEM files.

Daniele Ricci <daniele.athome@gmail.com> initial implementation of EC keys for OpenPGP and RFC6637 support.

Matti Aarnio <matti.aarnio@methics.fi> tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes, addition of NONEwithRSA to lightweight RSADigestSigner.

Babak Najafi <bnajafi@akamai.com> fixes to OpenPGP NotationData to prevent truncation problems.

Eric Mueller <eric.mueller@sage.de> additional standard algorithm name lookups in JcaPEMKeyConverter.

Mathias Herberts <Mathias.Herberts@gmail.com> fix to inOff usage in RFC3394WrapEngine.

Daniil Ivanov <daniil.ivanov@gmail.com> addition of provider support for GOST HMAC SecretKeyFactory.

Daniele Grasso <daniele.grasso86@gmail.com> contributions to final Key calculation code for SRP6.

Andrey Utkin <cindrhc@gmail.com> patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.

Arnis Tartu <arnis@ut.ee> checker for generated key vs OID in JceCMSContentEncryptorBuilder.

Axel VDB <axel-vdb@riseup.net> initial implementation of Shacal2.

Roberto Tyley <> further work on completing gradle build.

Waldemar Dick <wdick@devmue.de> code improvement in x500 ASN.1 package.

Sid Steward <sid.steward@pdflabs.com> code improvements to ASN1Boolean.

Alex Klyubin <klyubin@google.com> AlgorithmParameters check for EC key agreement.

Jonathan Gillett <gsoc.student@gmail.com> Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix.

Andreas Reiter <andreas.reiter@iaik.tugraz.at> Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.

Kieran Miller <kieran.miller@gmail.com> initial implementation for RFC 5649 key wrap with padding.

Oliver Ehli <ehli@arago.de> Additional support for BSI plain ECDSA in the provider.

Daniel Heldt <Daniel.Heldt@cryptovision.com> Initial support for encodable state message digests

Robert Bushman <bouncycastle@traxel.com> Clean up of DirectKeySignature example.

Maurice Aarts <aarts@riscure.com> updated to KDF generator to follow NIST SP 800-108.

Franziskus Kiefer <https://github.com/franziskuskiefer> initial implementation of Cramer-Shoup.

KB Sriram <mail_kb@yahoo.com> testing for odd encodings for PGP User Attribute Subpackets.

Marco Schulze <marco@nightlabs.de> Reported verification bug in GenericSigner.

Martin Schaefer <https://github.com/martinschaefer> contributed a code-cleanup patch.

dstutz <https://github.com/dstutz> added iteration count setters to PKCS#12 PBE mac/key generator builders.

Tobias Wich <tobias.wich@ecsec.de> Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.

Hauke Mehrtens <hauke@hauke-m.de> TLS patch to add ECDHE_ECDSA CCM ciphersuites from

RFC 7251.
Daniel Zimmerman<mailto:dmz@galois.com>; Further key quality improvements to RSAKeyPairGenerator.
Jens Kapitzka<mailto:j.kapitzka@schwarze-allianz.de>; Iterable support in OpenPGP API, code cleanup in OpenPGP API.
Johan Eklund<mailto:johan@primekey.se>; update to RFC 6960 for OCSPObjectIdentifiers.
nikosn<https://github.com/nikosn>; Fix to encoding of EC private keys to ensure encoding matches order length.
Axel von dem Bruch <mailto:axel-vdb@riseup.net>; Contributions to BCrypt/OpenBSDBCrypt, original version of Blake2bDigest.
Derek Atkins <mailto:derek@ihtfp.com>; Documentation fixes to X9ObjectIdentifiers.
Peter Jr Halicky <mailto:peto@halicky.sk>; Correction to notification/error message handling in SignedMailValidator.
IartiguePierre<https://github.com/IartiguePierre>; Fix for counter signature SID in CMSSignedData.
Thomas Belot<mailto:thomas.belot+BC@gmail.com>; initial CertPathLoopTest for demonstrating stack overflow issue.
Rich DiCroce<https://github.com/rdicroce>; Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.
Björn Kautler<https://github.com/Vampire>; Refinements to cert path validation (authority key addition, certificate order preservation).
Dominik Schürmann<https://github.com/dschuermann>; method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.
Michael <mailto:MSKnete@web.de>; initial fix for bitStrength issue for OpenPGP EC keys, correction for generic type on RecipientInformationStore.
Tobias Wagner <mailto:tobias.wagner@n-design.de>; Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536].
Sergio Giro <mailto:sgiro@google.com>; Fixed adding of additional stores from CRL distribution point [#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.
bschuette<https://github.com/bschuette>; Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.
Leonard Dallot<https://github.com/dallotTazTag>; Fix to S2K usage of none on changing passwords on keys without passwords originally.
Jan Willem Janssen <mailto:j.w.janssen@bouncycastle.org>; Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial object signer verifier for BC lightweight EC.
Sebastian Oerding <mailto:sebastian.oerding@robotron.de>; Fixes to toString() in x509.CertificatePolicies.
Kai Kramer <mailto:kai.kramer@gmail.com>; Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.
Benoit Charles <mailto:benoit.charles@opentrust.com>; Fix for IES data length check on decryption.
Niko <mailto:nfink95@gmail.com>; fix to cast issue in getOutputSize() for ECIES.
akwizgran<https://github.com/akwizgran>; Fixed clone of key in Blake2bDigest copy constructor, blake2b reset issue for variant keys.
Matthias Edelhoff <mailto:Matthias.Edelhoff@cryptovision.com>; BasicConstraintsValidation pathlen fix in PKIX certpath classes.
Lukasz Deputat <mailto:lukasz.deputat@gmail.com>; Fixed bugs in TlsUtils read methods [#BJA-592].
Justin Ludwig <https://github.com/justinludwig>; Iterator fix for PGPObjectFactory to handle stream packets at start of iterated data.

- André Berenguel <https://github.com/aberenguel> Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi.
- Slawomir Jaranowski<https://github.com/slawekjaranowski> Patch to make cipher/hash/signature name methods in PGP internal API public.
- Andrey Vasilyev<https://github.com/andrey-vasilyev> Initial implementation of GOST R 34.11-2012.
- William Glanton <wglanton77@gmail.com> Fixed bug in Poly1305 [#BJA-620].
- jdvorak001<https://github.com/jdvorak001> Speed improvements for ASN.1 ObjectIdentifier cache.
- Joseph Naegele <jnaegele@grierforensics.com> Patch for handling multiple certificates in a DANE SMIMEA entry.
- Andrew Bonventre<https://github.com/andybons> NullPointer patch for WNafUtil.
- The Google Security Team (Project Wycheproof) <https://github.com/google/wycheproof> defect analysis and additional test cases for the provider.
- Gorka Irazoqui <girazoki@wpi.edu> from Intel Security Center of Excellence <https://security-center.intel.com/> detection of the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine and finding cache sensitivities in EC key generation/signing.
- Joerg Senekowitsch <joerg.senekowitsch@veridos.com> patch to deal with hard coded boolean in EAC ECDSAPublicKey.
- Alexandr Krivoshta <wipe@ya.ru> N4 calculation fix to GOFB mode.
- Artem Storozhuk <storajs72@gmail.com> N4 calculation fix to GOFB mode.
- Na Yu <na.yu@samsung.com> Constructor patches to CMC PKIData.
- Evangelos Karatsiolis <ekaratsiolis@mtg.de> Corrected use of explicit tagging in X.509 PolicyConstraints class.
- VivleSoren <https://github.com/VivleSoren> additional constructor for McElieceCCA2PrivateKeyParameters.
- mtausig <https://github.com/mtausig> JavaDoc fix for MCSEncryptedDataGenerator.
- Anders Schack-Mulligen <https://github.com/aschackmull> code cleanups for CMSSignedDataParser, BrokenKDF2BytesGenerator.
- Sebastian Wolfgang Roland <sebastianwolfgang.roland@stud.tu-darmstadt.de> Initial XMSS/XMSS-MT implementation.
- didisoft <https://github.com/didisoft> test code for PGP signature removal involving user ids.
- Mike Safonov<https://github.com/MikeSafonov> initial implementation of GOST3410-2012 for light weight provider and JCA, parameters patches for ECGOST keys, initial implementation of GOST3412-2015, addition of fromExtensions() for CRLDistPoint.
- Artem Storozhuk <storajs72@gmail.com> initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes.
- Andreas Glaser <andreas.glaser@gi-de.com> patch to recognise ANSSI curves for PKCS#10 requests.
- codeborne <https://github.com/cbpx> patch to correct OIDs used in public key digest parameters for ECGOST-2012.
- FauxFaux <https://github.com/FauxFaux> patch for JDK 1.9 update to DRBG.java.
- 4garbage <https://github.com/4garbage> patch to allow GOST3410-94 private keys encoded as integers.
- ekszz <https://github.com/ekszz> corrections to SM2 signer to include default identity value.
- jminer <https://github.com/jminer> fix to Blake2b for hashes in range of 2**64-127 to 2**64.
- str4d <https://github.com/str4d> initial implementation of Blake2s
- Scott Woodward <scott@bit3consulting.com> performance fixes for CTRSP800DRBG.
- David Strawn <https://github.com/isomarcte> fix for off by one error in SCRYPT bounds checking.

chris mccown <0xchrismccown@#064gmail.com>; identification of serialisation issue with XMSS/XMSSMT private keys (see also CVE-2018-1000613).

ZZMarquis <https://github.com/ZZMarquis>; offset patches for SM2 encryption and decryption, improvement to Array constant time comparison.

Andreas Kretschmer <https://github.com/Akretsch>; NPE fix for CertTemplate.getVersion().

Armin Lunkeit, Michael Tautenhahn <>; identification of M-R test issue on higher certainty values in RSA key pair generation.

Vincent Breitmoser <https://github.com/Valodim>; fix to ignore unnecessary checksum calculator on PGP secret key encryption.

Adam Vartanian <https://github.com/flooeys>; use of ShortBuffer exception and buffer size pre-check in Cipher.doFinal().

Bernd <https://github.com/ecki>; Fix to make PGPUtil.pipeFileContents use buffer and not leak file handle.

Shartung <https://github.com/shartung>; Additional EC Key Agreement algorithms in support of German BSI TR-03111.

Paul Schaub <https://github.com/vanitasvitae>; bringing PGPSecretKey.getUserIds() into line with PGPPublicKey.getUserIds(). Exception message fix in BcPublicKeyDataDecryptorFactory. Additional tests on PGP key ring generation.

Nick of Nexxar <https://github.com/nros>; update to OpenPGP package to handle a broader range of EC curves.

catbref <https://github.com/catbref>; sample implementation of RFC 7748/Ed25519 (incorporated work from github users Valodim and str4d as well).

gerlion <https://github.com/gerlion>; detection of concurrency issue with pre-1.60 EC math library.

fgrieu <fgrieu@#064gmail.com>; identification and suggested fixes for possible timing vulnerability in OAEP encoding and RSACoreEngine.

MTG <https://github.com/mtgag>; patch for decoding issues in PKIPublicationInfo and CertifiedKeyPair.

Andreas Gadermaier <up.gadermaier@#064gmail.com>; initial version of Argon2 PBKDF algorithm.

Tony Washer <tony.washer@yahoo.co.uk>; review of qTesla, Java 1.9 module code, additional test code and debugging for GOST, DSTU, and ECNR algorithms. Initial lightweight implementation of the ZUC ciphers and macs.

Vincent Bouckaert <https://github.com/veebee>; initial version of RFC 4998 ASN.1 classes.

Tony Washer <https://github.com/tonywasher>; ECIESKeyEncapsulation fix for use of OldCofactor mode. Submitted ChaCha20Poly1305 prototype.

Aurimas Liutikas <https://github.com/liutikas>; JavaDoc patches to ReasonsMask.

Gabriel Sroka <https://github.com/gabrielsroka>; corrected comments in RSA validation.

sarah-mdv <https://github.com/sarah-mdv>; improvements to JceKeyTransRecipientInfoGenerator, tests for JournalingSecureRandom, initial implementation of JournaledAlgorithm.

Jesse Feinman <https://github.com/jessefeinman>; performance optimisation in RSAKeyParameters.

Gilis95 <https://github.com/Gilis95>; improved JSSE compatibility for setEnabledCipherSuites.

Haemin Yoo <https://github.com/yoohaemin>; Javadoc fixes.

Antoine Toulme <https://github.com/atoulme>; Initial implementation of EthereumIESEngine.

Golden Looly <https://github.com/looly>; Patch for addition of C1C3C2 mode to SM2Engine.

Moses Palmér, TrueSec <Henrik.Palmer@#064truesec.se>; Additional improvements to constant time comparisons.

René Korthaus <https://github.com/securitykernel>; Update to XMSS/XMSS^MT OID values to bring them in line with RFC 8391.

THausherr <https://github.com/THausherr>; Addition generic support for CMS/TSP functions.

- Gaylor Bosson<lt;https://github.com/Gilthoniel>> Initial implementation of Blake2xs.
- gaellalire<lt;https://github.com/gaellalire>> Patch for unprotected PGP private keys as SExpr.
- im-scooter<lt;https://github.com/im-scooter>> Patch for case-insensitive behaviour of Param-Z.
- Nick hitchan<lt;https://github.com/hitchan>> Fix for typo in engineInitSign() in EdEc SignatureSpi.
- dbusche<lt;https://github.com/dbusche>> Argon2 optimisations.
- Daniel Heldt<lt;https://github.com/dheldt>> Fixing encodings in unicode tests to allow a wider range of Java compilers to work. Tweak to inheritance in IceKeyAgreeRecipient.
- Ugochukwu Mmaduekwe<lt;https://github.com/Xor-el>> Fix for initially bugged legacy Integers.numberOfLeadingZeros method.
- Gsealy <lt;https://github.com/Gsealy>> addition of PBKDF2withHmacSM3 to the provider.
- aphuang2013 <lt;https://github.com/aphuang2013>> update to path validation in EST service for ClearPath EST.
- Kevin Herron <lt;https://github.com/kevinherron>> Initial ChaCha20Poly1305 prototype.
- vkreml <lt;https://github.com/svkreml>> GOST compliance change for DefaultCMSSignatureEncryptionAlgorithmFinder.
- Tobias Ospelt <lt;tobias@pentagrid.ch>> Identification of 1.63 regression in ASN.1 parsing.

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Jackson JSON processor

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1.783 berkeley-db 5.3.21

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1.784 gmp 6.0.0 15.el7

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
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1.786 swagger-jersey2-jaxrs 1.5.16

1.787 libxdmcp 1.1.3

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The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include

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To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

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

```
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it under the terms of the GNU General Public License as published by  
the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.
```

```
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```

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

```
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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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

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

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

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

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

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

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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

That's all there is to it!

1.796 pcre 8.32

1.796.1 Available under license :

PCRE LICENCE

Please see the file LICENCE in the PCRE distribution for licensing details.

End

PCRE LICENCE

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

Release 8 of PCRE is distributed under the terms of the "BSD" licence, as specified below. The documentation for PCRE, supplied in the "doc" directory, is distributed under the same terms as the software itself.

The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

University of Cambridge Computing Service,
Cambridge, England.

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PCRE JUST-IN-TIME COMPILATION SUPPORT

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1.797 bean-validation-api 1.1.0

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This package was debianized by Nathan Scott nathans@debian.org on
Sun, 19 Nov 2000 07:37:09 -0500.

It can be downloaded from <ftp://oss.sgi.com/projects/xfs/download/>

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