

Legal Notices

No Magic 2024x HF2 is © 2019 - 2024 No Magic, Inc., a Dassault Systèmes affiliate

This page specifies the patents, trademarks, copyrights, and restricted rights for the No Magic 2024x HF2:

This page discusses:

- [Patents](#)
- [Trademarks](#)
- [Third-Party Copyrights Notices](#)
- [License Terms](#)
- [Restricted Rights](#)

Patents

No Magic Post 2024x HF2 is protected by U.S. Patents number: 7,823,085 ;6,828,974 ;7,555,498 ;7,676,765 ;7,289,117 ;7,495,662 ;7,542,603 ;7,689,936 ; 7,595,799 ;7,400,323 ;7,663,625 ;7,587,303 ;9,030,475 ;8,222,581 ;7,814,429 ;7,893,937 ;7,952,575 ;7,613,594 ;8,248,407 ;8,386,961 ;8,421,798 ; 8,473,524 ;8,332,189 ;8,907,947 ;10,152,198 ;8,686,997 ;8,823,706 ;9,454,287 ;8,473,258 ;8,473,259 ;8,554,521 ;8,847,947 ;8,791,958 ;8,896,598 ; 8,798,975 ;8,694,284 ;8,368,568 ;8,854,367 ;8,812,272 ;9,390,201 ;8,983,805 ;8,983,804 ;8,924,185 ;9,245,060 ;8,941,681 ;8,878,841 ;9,111,053 ; 9,235,656 ;9,336,335 ;9,483,585 ;9,183,674 ;10,108,750 ;10,210,304 ;10,217,291 ;9,524,583 ;9,117,300 ;9,092,584 ;9,171,400 ;8,963,748 ;9,196,090 ; 10,474,763 ;9,953,108 ;9,558,302 ;9,798,835 ;9,836,884 ;9,449,430 ;9,875,577 ;10,496,761 ;9,881,388 ;9,886,528 ;9,703,903 ;9,330,498 ;9,830,406 ; 9,772,770 ;9,472,024 ;10,496,237 ;10,671,770 ;10,496,784 ;10,409,921 ;10,592,065 ;10,592,065 ;10,534,893 ;10,521,516 ;10,430,999 ;9,875,555 ; 10,140,395 ;10,671,770 ;10,255,381 ;10,775,984 ; 10,761,684 ; 10,761,705 ;10,127,333 ;10,108,752 ;10,303,784 ;10,198,488 ;10,488,189 ;10,289,771 ; 10,311,182 ; 10,162,476 ;10,303,156 ;10,437,231 ;10,235,815 ;10,062,217 ;10,497,183 ;10,706,186 ; 10,719,549 ; 10,319,135 ;10,482,647 ;10,650,572 ; 10,769,824 ; 10,825,242 ; 10,839,613 ; 10,831,172 ; 10,872,181 ; 10,885,232 ;10,845,779 ;11,027,493 ; 11,094,098 ; 11,144,679 ;11,163,915 ;11,176,759 ; 11,256,832 ; 11,275,870 ; 11,295,040 ;11,341,296 ;

Other patents pending.

Trademarks

NO MAGIC, MAGICDRAW, MAGICGRID, MAGICENTERPRISE, CAMEO, CAMEO EWORK, CAMEOSUITE, TEAMWORK CLOUD, 3DEXPERIENCE, the Compass icon, the 3DS logo, CATIA, BIOVIA, GEOVIA, SOLIDWORKS, 3DVia, ENOVIA, NETVIBES, MEDIDATA, CENTRIC PLM, 3DEXCITE, SIMULIA, DELMIA and IFWE are commercial trademarks or registered trademarks of Dassault Systèmes, a French "société européenne" (Versailles Commercial Register # B 322 306 440), or its subsidiaries in the United States and/or other countries. All other trademarks are owned by their respective owners. Use of any Dassault Systèmes or its subsidiaries trademarks is subject to their express written approval.

DS Offerings and services names may be trademarks or service marks of Dassault Systèmes or its subsidiaries.

Third-Party Copyrights Notices

Certain portions of No Magic 2024x HF2 contain elements subject to copyright owned by the following entities:

© 1998 by Sun Microsystems, Inc. (© 2019 Oracle Corp.)
© Oracle
© Model Driven Solutions, Inc.
© yWorks GmbH
Portions © Sferyx Srl (sferyx.com)

No Magic 2024x HF2 may include open source software components. Source code for open source software components licensed under terms and conditions that mandate availability of such source code is available upon request. The original licensors of said open source software components provide them on an "as is" basis and without any liability whatsoever to customer (or licensee).

Gleaning Resource Descriptions from Dialects of Languages 2003
Copyright © 2006-2007 W3C® (MIT, ERCIM, Keio, Beihang), All Rights Reserved.
ORIGINAL DOCUMENT: https://www.w3.org/2003/g/data-view#
STATUS: W3C Recommendation 11 September 2007

JTidy 1.0.5

Copyright © 1998-2000 World Wide Web Consortium (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.

OWL 2 Web Ontology Language 2002

Copyright © 2012 W3C® (MIT, ERCIM, Keio, Beihang), All Rights Reserved.

ORIGINAL DOCUMENT: <http://www.w3.org/2002/07/owl>

STATUS: W3C Recommendation 11 December 2012

RDF 1.1 Concepts and Abstract Syntax 1999

Copyright © 2004-2014 World Wide Web Consortium, (MIT, ERCIM, Keio, Beihang).

ORIGINAL DOCUMENT: <https://www.w3.org/1999/02/22-rdf-syntax-ns#>

STATUS: W3C Recommendation 25 February 2014

RDF Schema 1.1 2000

Copyright © 2004-2014 W3C® (MIT, ERCIM, Keio, Beihang), All Rights Reserved.

ORIGINAL DOCUMENT: <http://www.w3.org/2000/01/rdf-schema#>

STATUS: W3C Recommendation 25 February 2014

Under [Apache License 1.1](#):

ANT Contrib 1.0b3

Copyright © 2001-2003 Ant-Contrib project. All rights reserved.

Apache Jakarta ORO 2.0.8

Copyright © 1999-2020 The Apache Software Foundation. All rights reserved.

Under [Apache License 2.0](#):

accessors-smart 1.2

Copyright © 2017 Uriel Chemouni

aeron.driver 1.7.0

Copyright 2014-2019 Real Logic Ltd

aeron-client 1.7.0

Copyright © 2014-2019 Real Logic Ltd.

Agrona 0.9.12

Copyright 2014 - 2017 Real Logic Limited

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Agrona 1.14.0

Copyright 2014-2021 Real Logic Limited.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

akka 2.5.10

Copyright © 2009-2018 Lightbend Inc.

Akka 2.6.12

Copyright © 2019-2021 Lightbend Inc. <<https://www.lightbend.com>>

Akka 2.6.18

Copyright © 2019-2021 Lightbend Inc. <<https://www.lightbend.com>>

Akka Actor 2.13 2.6.18

Copyright © 2009-2021 Lightbend Inc. <<https://www.lightbend.com>>

An Implementation of The Apache Cassandra® Native Protocol 1.5.1

Copyright © DataStax, Inc.

Apache ActiveMQ Artemis 2.32.0

Apache ActiveMQ Artemis

Copyright [2014-2023] The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Ant 1.10.11

Apache Ant

Copyright 1999-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

The <sync> task is based on code Copyright © 2002, Landmark

Graphics Corp that has been kindly donated to the Apache Software Foundation.

Apache Ant Launcher 1.10.11

Apache Ant

Copyright 1999-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

The <sync> task is based on code Copyright © 2002, Landmark

Graphics Corp that has been kindly donated to the Apache Software Foundation.

Apache Axiom 1.2.14

=====
== NOTICE file corresponding to the section 4 d of ==
== the Apache License, Version 2.0, ==
== in this case for the Apache AXIOM distribution. ==
=====

This product includes software developed by
The Apache Software Foundation (<http://www.apache.org/>).
Portions Copyright 2006 International Business Machines Corp.
Please read the different LICENSE files present in the licenses directory of this distribution.

Apache Axis -
Copyright © 2000-2015 The Apache Software Foundation. All Rights Reserved.

Apache Axis SAAJ 1.4
Copyright © 2006 The Apache Software Foundation

Apache Batik 1.17
Apache Batik
Copyright 1999-2023 The Apache Software Foundation
This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).
This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).
This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.
This product includes images from the Tango Desktop Project
(<http://tango.freedesktop.org/>).
This product includes images from the Pasodoble Icon Theme
(<http://www.jesusda.com/projects/pasodoble>).

Apache Cassandra 1.2.0
Copyright 2009, 2010 The Apache Software Foundation
This product includes software developed by The Apache Software
Foundation (<http://www.apache.org/>).

Apache Commons BeanUtils 1.9.4
Apache Commons BeanUtils
Copyright © 2000-2019 The Apache Software Foundation
This product includes software developed at
The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons CLI 1.5.0
Apache Commons CLI
Copyright 2002-2021 The Apache Software Foundation
This product includes software developed at
The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons CLI 1.6.1

Apache Commons CLI

Copyright 2002-2021 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons Codec 1.16.1

Apache Commons Codec

Copyright 2002-2024 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons Codec 1.15

Apache Commons Codec

Copyright 2002-2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<https://www.apache.org/>).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java

contains test data from <http://aspell.net/test/orig/batch0.tab>.

Copyright © 2002 Kevin Atkinson (kevina@gnu.org)

=====

The content of package [org.apache.commons.codec.language.bm](#) has been translated from the original php source code available at <http://stevemorse.org/phoneticinfo.htm> with permission from the original authors.

Original source copyright:

Copyright © 2008 Alexander Beider & Stephen P. Morse.

Apache Commons Codec 1.9

Apache Commons Codec

Copyright © 2002-2013 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java

contains test data from <http://aspell.net/test/orig/batch0.tab>.

Copyright © 2002 Kevin Atkinson (kevina@gnu.org)

Apache Commons Codec 1.14

Apache Commons Codec

Copyright © 2002-2019 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<https://www.apache.org/>).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java

contains test data from <http://aspell.net/test/orig/batch0.tab>.

Copyright © 2002 Kevin Atkinson (kevina@gnu.org)

=====

The content of package [org.apache.commons.codec.language.bm](#) has been translated from the original php source code available at <http://stevemorse.org/phoneticinfo.htm> with permission from the original authors.

Original source copyright:

Copyright © 2008 Alexander Beider & Stephen P. Morse.

Apache Commons Codec 1.13

Copyright © 2005-2019 The Apache Software Foundation

Apache Commons Codec 1.16

Apache Commons Codec

Copyright 2002-2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<https://www.apache.org/>).

src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java

contains test data from <http://aspell.net/test/orig/batch0.tab>.

Copyright © 2002 Kevin Atkinson (kevina@gnu.org)

=====

The content of package [org.apache.commons.codec.language.bm](#) has been translated from the original php source code available at <http://stevemorse.org/phoneticinfo.htm> with permission from the original authors.

Original source copyright:

Copyright © 2008 Alexander Beider & Stephen P. Morse.

Apache Commons Collections 4.4

Apache Commons Collections

Copyright 2001-2019 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons Collections 3.2.2

Apache Commons Collections

Copyright 2001-2015 The Apache Software Foundation

This product includes software developed by

The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons Collections 4.4.4

Copyright © 2001-2020 The Apache Software Foundation

Apache Commons Compress 1.26.0

Apache Commons Compress

Copyright 2002-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

The files in the package org.apache.commons.compress.archivers.sevenz were derived from the LZMA SDK, version 9.20 (C/ and CPP/7zip/), which has been placed in the public domain:

"LZMA SDK is placed in the public domain." (<http://www.7-zip.org/sdk.html>)

The test file lbzip2_32767.bz2 has been copied from libbzip2's source repository:

This program, "bzip2", the associated library "libbzip2", and all documentation, are copyright © 1996-2019 Julian R Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Julian Seward, jseward@acm.org

Apache Commons CSV 1.10.0

Apache Commons CSV

Copyright 2005-2023 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons Daemon 1.2.4

Apache Commons Daemon

Copyright 1999-2021 The Apache Software Foundation

This product includes software developed by

The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons Digester 3.2

Apache Commons Digester

Copyright © 2001-2011 The Apache Software Foundation

This product includes software developed by

The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons Discovery 0.4

Copyright © 1999-2018 The Apache Software Foundation

Apache Commons FileUpload 1.5

Apache Commons FileUpload

Copyright 2002-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons IO 2.15.1

Apache Commons IO

Copyright 2002-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons IO 2.11.0

Apache Commons IO

Copyright © 2002-2021 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons IO 2.8.0

Copyright © 2002-2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons-JEXL 2.1.1

Apache Commons JEXL

Copyright © 2001-2011 The Apache Software Foundation

This product includes software developed by

The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons Lang 3.10

Copyright © 1995-2021 The Apache Software Foundation. All rights reserved.

Apache Commons Lang 3.12.0

Apache Commons Lang

Copyright 2001-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons Lang 2.6

Apache Commons Lang

Copyright 2001-2011 The Apache Software Foundation

This product includes software developed by

The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons Lang 3.14.0

Apache Commons Lang

Copyright 2001-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons Lang3 3.12.0

Apache Commons Lang

Copyright © 2001-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons Lang3 3.9

Apache Commons Lang

Copyright © 2001-2018 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons Logging 1.2

Apache Commons Logging

Copyright 2003-2014 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons Logging 1.1.1

// -----

// NOTICE file corresponding to the section 4d of The Apache License,

// Version 2.0, in this case for Commons Logging

// -----

Commons Logging

Copyright 2001-2007 The Apache Software Foundation

This product includes/uses software(s) developed by 'an unknown organization'

- Unnamed - avalon-framework:avalon-framework:jar:4.1.3

- Unnamed - log4j:log4j:jar:1.2.12

- Unnamed - logkit:logkit:jar:1.0.1

Apache Commons Logging 1.3

Apache Commons Logging

Copyright 2001-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons Math 3.6.1

Copyright 2001-2016 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons Pool 2.8.0

Apache Commons Pool

Copyright 2001-2019 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons Pool 2.9.0

Apache Commons Pool

Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons RDF API 0.1.0-incubating

Copyright © 2015-2018 The Apache Software Foundation

Apache Commons RDF API 0.5.0

Apache Commons RDF API

Copyright © 2015-2017 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons SCXML 0.9

Copyright © 1999–2005, The Apache Software Foundation

Apache Commons Text 1.10.0

Apache Commons Text

Copyright 2014-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

Apache Commons Validator 4.4

Apache Commons Validator

Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Commons Validator 1.7.0

Copyright 2001-2017 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache Derby 10.15.2.0

Copyright © 2004-2020 The Apache Software Foundation

This product includes software developed by The Apache Software Foundation (<http://www.apache.org/>).

=====

Portions of Derby were originally developed by International Business Machines Corporation and are licensed to the Apache Software Foundation under the

"Software Grant and Corporate Contribution License Agreement", informally known as the "Derby CLA". The following copyright notice(s) were affixed to portions of the code with which this file is now or was at one time distributed and are placed here unaltered.

© Copyright 1997,2004 International Business Machines Corporation. All rights reserved.

© Copyright IBM Corp. 2003.

=====

The portion of the functionTests under 'nist' was originally developed by the National Institute of Standards and Technology (NIST), an agency of the United States Department of Commerce, and adapted by International Business Machines Corporation in accordance with the NIST Software Acknowledgment and Redistribution document at http://www.itl.nist.gov/div897/ctg/sql_form.htm

=====

The Derby build relies on source files supplied by the Apache Felix project. The following notice covers the Felix files:

Apache Felix Main

Copyright 2008 The Apache Software Foundation

I. Included Software

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Licensed under the Apache License 2.0.

This product includes software developed at

The OSGi Alliance (<http://www.osgi.org/>).

Copyright © OSGi Alliance (2000, 2007).

Licensed under the Apache License 2.0.

This product includes software from <http://kxml.sourceforge.net>.

Copyright © 2002,2003, Stefan Haustein, Oberhausen, Rhld., Germany.

Licensed under BSD License.

II. Used Software

This product uses software developed at

The OSGi Alliance (<http://www.osgi.org/>).

Copyright © OSGi Alliance (2000, 2007).

Licensed under the Apache License 2.0.

III. License Summary

- Apache License 2.0
- BSD License

=====

The Derby build relies on jar files supplied by the Apache Lucene project. The following notice covers the Lucene files:

Apache Lucene

Copyright 2013 The Apache Software Foundation

This product includes software developed by The Apache Software Foundation (<http://www.apache.org/>).

Includes software from other Apache Software Foundation projects,

including, but not limited to:

- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license and Copyright © 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such as the Unicode Character Database. See <http://unicode.org/copyright.html> for more details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is BSD-licensed, created by Anders Møller. See <http://www.brics.dk/automaton/>

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were automatically generated with the moman/finenight FSA library, created by Jean-Philippe Barrette-LaPierre. This library is available under an MIT license, see <http://sites.google.com/site/rrettesite/moman> and <http://bitbucket.org/jpbarrette/moman/overview/>

The class org.apache.lucene.util.WeakIdentityMap was derived from

the Apache CXF project and is Apache License 2.0.

The Google Code Prettify is Apache License 2.0.

See <http://code.google.com/p/google-code-prettify/>

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0

See <http://junit.sourceforge.net/cpl-v10.html>

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checking Package (jaspell): <http://jaspell.sourceforge.net/>

License: The BSD License (<http://www.opensource.org/licenses/bsd-license.php>)

The snowball stemmers in analysis/common/src/java/net/sf/snowball were developed by Martin Porter and Richard Boulton.

The snowball stopword lists in analysis/common/src/resources/org/apache/lucene/analysis/snowball were developed by Martin Porter and Richard Boulton.

The full snowball package is available from <http://snowball.tartarus.org/>

The KStem stemmer in analysis/common/src/org/apache/lucene/analysis/en was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst) under the BSD-license.

The Arabic, Persian, Romanian, Bulgarian, and Hindi analyzers (common) come with a default stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:

analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt

See <http://members.unine.ch/jacques.savoy/clef/index.html>.

The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project <http://egothor.sf.net/>, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt. See <http://project.carrot2.org/license.html>.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)

is derived from Unicode data such as the Unicode Character Database.

See <http://unicode.org/copyright.html> for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software developed by Dawid Weiss and Marcin Mikowski (<http://morfologik.blogspot.com/>).

Morfologik uses data from Polish ispell/myspell dictionary (<http://www.sjp.pl/slownik/en/>) licenced on the terms of (inter alia) LGPL and Creative Commons ShareAlike.

Morfologic includes data from BSD-licensed dictionary of Polish (SGJP) (<http://sgjp.pl/morfeusz/>)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original source code for this can be found at <http://www.eclipse.org/jetty/downloads.php>

=====

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

=====

This software includes a binary and/or source version of data from

mecab-ipadic-2.7.0-20070801

which can be obtained from

<http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz>

or

<http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz>

=====

mecab-ipadic-2.7.0-20070801 Notice

=====

Nara Institute of Science and Technology (NAIST), the copyright holders, disclaims all warranties with regard to this software, including all implied warranties of merchantability and fitness, in no event shall NAIST be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortuous action, arising out of or in connection with the use or performance of this software.

A large portion of the dictionary entries originate from ICOT Free Software. The following conditions for ICOT Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its original form or modified, to any third party or parties, PROVIDED that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear on, or be attached to, the Program, which is distributed substantially in the same form as set out herein and that such intended distribution, if actually made, will neither violate or otherwise contravene any of the laws and regulations of the countries having jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the research and development conducted during the project and is provided to users as so produced on an experimental basis. Accordingly, the program is provided without any warranty whatsoever, whether express, implied, statutory or otherwise. The term "warranty" used herein includes, but is not limited to, any warranty of the quality, performance, merchantability and fitness for a particular purpose of the program and the nonexistence of any infringement or violation of any right of any third party.

Each user of the program will agree and understand, and be deemed to have agreed and understood, that there is no warranty whatsoever for the program and, accordingly, the entire risk arising from or otherwise connected with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other organization that participated in or was otherwise related to the development of the program and their respective officials, directors, officers and other employees shall be held liable for any and all damages, including, without limitation, general, special, incidental and consequential damages, arising out of or otherwise in connection with the use or inability to use the program or any product, material or result produced or otherwise obtained by using the program, regardless of whether they have been advised of, or otherwise had knowledge of, the possibility of such damages at any time during the project or thereafter. Each user will be deemed to have agreed to the foregoing by his or her commencement of use of the program. The term "use" as used herein includes, but is not limited to, the use, modification, copying and distribution of the program and the production of secondary products from the program.

In the case where the program, whether in its original form or modified, was distributed or delivered to or received by a user from any person, organization or entity other than ICOT, unless it makes or grants independently of ICOT any specific warranty to the user in writing, such person, organization or entity, will also be exempted from and not be held liable to the user for any such damages as noted above as far as the program is concerned.

=====

The Derby build relies on a jar file supplied by the JSON Simple project, hosted at <https://code.google.com/p/json-simple/>.

The JSON simple jar file is licensed under the Apache 2.0 License.

No other notice covers that jar file.

Apache Directory LDAP API 2.0.1

Copyright © 2003-2019 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Additional copyright notices and license terms applicable are present in the 'licenses' directory.

This product includes/uses Apache Commons (<http://commons.apache.org/>).

This product includes/uses Apache Logging Services (<http://logging.apache.org/>).

This product includes/uses Apache Felix (<http://felix.apache.org/>).

This product uses Apache Maven (<http://maven.apache.org/>).

This product includes/uses Apache Mina (<http://mina.apache.org/>).

This product includes/uses software, AntLR Parser Generator (<http://wwwantlr.org/>).

This product uses software, JUnit (<http://junit.org/>), developed by JUnit (<http://www.junit.org>)

This product includes/uses software, dom4j (<http://dom4j.org>), developed by MetaStuff Ltd. (<http://sourceforge.net/projects/dom4j>).

This product includes/uses software, SLF4J API Module (<http://www.slf4j.org>), developed by QOS.ch (<http://www.qos.ch>)

This product includes/uses software, jBCrypt 0.4.1 (<http://www.mindrot.org/files/jBCrypt>)

This product includes/uses software, XMLPullParser 3 - xpp3:xpp3:jar:1.1.3.4.O (<http://www.extreme.indiana.edu/xgws/xsoap/xpp/mxp1/>)

Apache Directory LDAP API 2.1.6

Apache Directory API All

Copyright © 2003-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software includes code generated by ANTLR 2.

Apache Felix Declarative Services 2.0.10

Copyright © 1999-2018 The Apache Software Foundation

Apache Felix Gogo Command 0.10.0

Copyright © 2005-2020 The Apache Software Foundation

Apache Felix Gogo Runtime 0.10.0

Copyright © 2005-2020 The Apache Software Foundation

Apache Felix Gogo Shell 0.10.0

Copyright © 2005-2020 The Apache Software Foundation

Apache FreeMarker 2.3.30

Apache FreeMarker

Copyright 2015-2018 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache FreeMarker 2.3.31

Apache FreeMarker

Copyright 2015-2018 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache Groovy 3.0.9

Apache Groovy

Copyright 2003-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This product includes/uses ANTLR2 (<http://www.antlr2.org/>)

developed by Terence Parr 1989-2006

This product includes/uses ANTLR4 (<https://github.com/antlr/antlr4>)

Copyright © 2012-2017 The ANTLR Project. All rights reserved.

Apache Groovy JSR 223 3.0.9

Apache Groovy

Copyright 2003-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This product includes/uses ANTLR2 (<http://www.antlr2.org/>)

developed by Terence Parr 1989-2006

This product includes/uses ANTLR4 (<https://github.com/antlr/antlr4>)

Copyright © 2012-2017 The ANTLR Project. All rights reserved.

This product bundles the javax.servlet.jsp-api jar in binary

form which is available under the CDDL 1.1 license

and for which the following copyright notice applies

Copyright © 1997-2013 Oracle and/or its affiliates. All rights reserved.

This product bundles the JUnit4 jar (junit.org)

which is available under the terms of the Eclipse Public License v1.0

This product bundles several of the JUnit5 jars (junit.org)

which are available under the terms of the Eclipse Public License v2.0

This product embeds the OpenBeans jar within its grooid jar artifacts

OpenBeans includes/uses files from Apache Harmony and the following notice applies

Copyright 2006, 2010 The Apache Software Foundation.

Portions of Apache Harmony were originally developed by Intel Corporation and are

licensed to the Apache Software Foundation under the "Software Grant and Corporate

Contribution License Agreement" and for which the following copyright notices apply

© Copyright 2005 Intel Corporation

© Copyright 2005-2006 Intel Corporation

© Copyright 2006 Intel Corporation

This product bundles the javax.servlet-api jar in binary

form which is available under the CDDL 1.0 license

and for which the following copyright notice applies

Copyright © 1997-2017 Oracle and/or its affiliates. All rights reserved.

This product bundles icons from the [famfamfam.com](http://www.famfamfam.com) silk icons set

<http://www.famfamfam.com/lab/icons/silk/>

Licensed under the Creative Commons Attribution Licence v2.5

<http://creativecommons.org/licenses/by/2.5/>

Apache HttpClient 4.1.4

Copyright © 2010-2021 The Apache Software Foundation. All Rights Reserved.

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpClient 4.5.13

Apache HttpClient

Copyright © 1999-2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpClient 4.5.14

Apache HttpClient

Copyright © 1999-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpClient 4.5.2

Copyright © 1999-2016 The Apache Software Foundation.

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpClient 4.5.3

Copyright © 1999-2017 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpClient 5.2.1

Apache HttpClient

Copyright 1999-2021 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpClient 5.2.3

Apache HttpComponents Client

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpClient Cache 4.5.14

Apache HttpClient Cache

Copyright 2010-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpClient Mime 4.5.14

Apache HttpClient Mime

Copyright 1999-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpComponents Client 4.5.13

Apache HttpComponents Client

Copyright 1999-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpComponents Client 5.2.3

Apache HttpClient

Copyright 1999-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpComponents Core 4.4.16

Apache HttpComponents Core

Copyright 2005-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpComponents Core 4.4.13

Apache HttpComponents Core

Copyright 2005-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpComponents Core 5.2.4

Apache HttpComponents Core

Copyright 2005-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpComponents Core HTTP/1.1 5.2.1

Apache HttpComponents Core HTTP/1.1

Copyright 2005-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpComponents Core HTTP/1.1 5.2.4

Apache HttpComponents Core HTTP/1.1

Copyright 2005-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpComponents HttpClient OSGi Bundle 4.5.13

Apache HttpComponents Client

Copyright © 1999-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpComponents HttpCore OSGi bundle 4.4.12

Apache HttpComponents Core

Copyright © 2005-2019 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpComponents HttpMime 4.5.14

Apache HttpClient Mime

Copyright 1999-2022 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpCore 4.4.16

Apache HttpCore

Copyright 2005-2022 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpCore 4.4.13

Apache HttpComponents Core

Copyright © 2005-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache HttpCore 4.4.5

Copyright 2005-2016 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This project contains annotations derived from JCIP-ANNOTATIONS

Copyright © 2005 Brian Goetz and Tim Peierls. See <http://www.jcip.net>

Apache HttpCore 4.4.6

Copyright © 2005-2017 The Apache Software Foundation

Apache HttpCore NIO 4.4.12

Apache HttpCore NIO

Copyright 2005-2019 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache James Mime4j 0.8.10

Apache JAMES Mime4j

Copyright 2004-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This product test suite includes data (mimetools-testmsgs folder) developed by Eryq and ZeeGee Software Inc as part of the "MIME-tools" Perl5 toolkit and licensed under the Artistic License

Apache James Mime4j 0.8.6

Apache JAMES Mime4j

Copyright 2004-2010 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This product test suite includes data (mimetools-testmsgs folder) developed by Eryq and ZeeGee Software Inc as part of the "MIME-tools" Perl5 toolkit and licensed under the Artistic License

Apache Jena 4.9.0

Apache Jena

Copyright 2011-2023 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Portions of this software were originally based on the following:

- Copyright 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Hewlett-Packard Development Company, LP
- Copyright 2010, 2011 Epimorphics Ltd.
- Copyright 2010, 2011 Talis Systems Ltd.

These have been licensed to the Apache Software Foundation under a software grant.

This product includes software developed by PluggedIn Software under a BSD license.

This product includes software developed by Mort Bay Consulting Pty. Ltd.

Copyright © 2004-2009 Mort Bay Consulting Pty. Ltd. under an Apache License.

Portions of this software are from Apache Xerces and were originally based on the following:

- software copyright © 1999, IBM Corporation., <http://www.ibm.com>.
- software copyright © 1999, Sun Microsystems., <http://www.sun.com>.

This product includes software developed at the Open Geospatial Consortium: <http://www.opengeospatial.org/ogc/software>

Apache Jena 4.10.0

Apache Jena

Copyright 2011-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Portions of this software were originally based on the following:

- Copyright 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Hewlett-Packard Development Company, LP
- Copyright 2010, 2011 Epimorphics Ltd.
- Copyright 2010, 2011 Talis Systems Ltd.

These have been licensed to the Apache Software Foundation under a software grant.

This product includes software developed by

PluggedIn Software under a BSD license.

This product includes software developed by Mort Bay Consulting Pty. Ltd.

Copyright © 2004-2009 Mort Bay Consulting Pty. Ltd.

under an Apache License.

Portions of this software are from Apache Xerces and were originally based on the following:

- software copyright © 1999, IBM Corporation., <http://www.ibm.com>.
- software copyright © 1999, Sun Microsystems., <http://www.sun.com>.

This product includes software developed at the Open Geospatial Consortium:

<http://www.opengeospatial.org/ogc/software>

Apache Log4J 2.23.0

Apache Log4j

Copyright 1999-2024 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)

Copyright 2017 Remko Popma

TimeoutBlockingWaitStrategy.java and parts of Util.java

Copyright 2011 LMAX Ltd.

Apache Log4j 1.2-api 2.16.0

Apache Log4j SLF4J Binding

Copyright 1999-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Log4j 1.x Compatibility API 2.17.1

Apache Log4j Core

Copyright 1999-2012 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Apache Log4j 2 2.17.1

Apache Log4j

Copyright 1999-2021 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)

Copyright 2017 Remko Popma

Apache Log4j API 2.17.1

Apache Log4j API

Copyright 1999-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Log4j API 2.11.1

Apache Log4j API

Copyright 1999-2018 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Log4j API 2.13.2

Apache Log4j API

Copyright 1999-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Log4j Core 2.17.1

Apache Log4j Core

Copyright 1999-2012 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Apache Log4j SLF4J Impl 2.17.1

Apache Log4j SLF4J Binding

Copyright 1999-1969 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Log4j to SLF4J Adapter 2.13.2

Apache Log4j to SLF4J Adapter

Copyright 1999-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Log4j to SLF4J Adapter 2.17.1

Apache Log4j

Copyright 1999-2021 Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Dumbster SMTP test server

Copyright 2004 Jason Paul Kitchen

TypeUtil.java

Copyright 2002-2012 Ramnivas Laddad, Juergen Hoeller, Chris Beams

picocli (<http://picocli.info>)

Copyright 2017 Remko Popma

Apache Lucene 5.5.2

Copyright © 2001-2019 The Apache Software Foundation

Apache Lucene 9.9.1

Apache Lucene

Copyright 2001-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Includes software from other Apache Software Foundation projects,

including, but not limited to:

- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license

and Copyright © 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such as the Unicode Character Database. See <http://unicode.org/copyright.html> for more details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is

BSD-licensed, created by Anders Møller. See <http://www.brics.dk/automaton/>

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were automatically generated with the moman/finenight FSA library, created by Jean-Philippe Barrette-LaPierre. This library is available under an MIT license,

see <http://sites.google.com/site/rrettesite/moman> and

<http://bitbucket.org/jpbarrette/moman/overview/>

The class org.apache.lucene.util.WeakIdentityMap was derived from

the Apache CXF project and is Apache License 2.0.

The class org.apache.lucene.util.compress.LZ4 is a Java rewrite of the LZ4

compression library (<https://github.com/lz4/lz4/tree/dev/lib>) that is licensed under the 2-clause BSD license.

(<https://opensource.org/licenses/bsd-license.php>)

The Google Code Prettify is Apache License 2.0.

See <http://code.google.com/p/google-code-prettify/>

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin g Package (jaspell): <http://jaspell.sourceforge.net/>

License: The BSD License (<http://www.opensource.org/licenses/bsd-license.php>)

The snowball stemmers in

analysis/common/src/java/net/sf/snowball

were developed by Martin Porter and Richard Boulton.

The snowball stopword lists in

analysis/common/src/resources/org/apache/lucene/analysis/snowball

were developed by Martin Porter and Richard Boulton.

The full snowball package is available from

<https://snowballstem.org/>

The KStem stemmer in

analysis/common/src/org/apache/lucene/analysis/en

was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)

under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:

analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

See <http://members.unine.ch/jacques.savoy/clef/index.html>.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project <http://egothor.sf.net/>, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.

See <https://github.com/carrot2/carrot2>.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/) is derived from Unicode data such as the Unicode Character Database.

See <http://unicode.org/copyright.html> for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software developed by Dawid Weiss and Marcin Mikowski (<https://github.com/morfologik/morfologik-stemming>) and uses data from the BSD-licensed dictionary of Polish (SGJP, <http://sgjp.pl/morfeusz/>). Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original source code for this can be found at <http://www.eclipse.org/jetty/downloads.php>

=====

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

=====

This software includes a binary and/or source version of data from mecab-ipadic-2.7.0-20070801 which can be obtained from <http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz> or <http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz>

=====

mecab-ipadic-2.7.0-20070801 Notice

=====

Nara Institute of Science and Technology (NAIST), the copyright holders, disclaims all warranties with regard to this software, including all implied warranties of merchantability and fitness, in no event shall NAIST be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortious action, arising out

of or in connection with the use or performance of this software.

A large portion of the dictionary entries

originate from ICOT Free Software. The following conditions for ICOT

Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its

original form or modified, to any third party or parties, PROVIDED

that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear

on, or be attached to, the Program, which is distributed substantially

in the same form as set out herein and that such intended

distribution, if actually made, will neither violate or otherwise

contravene any of the laws and regulations of the countries having

jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the

research and development conducted during the project and is provided

to users as so produced on an experimental basis. Accordingly, the

program is provided without any warranty whatsoever, whether express,

implied, statutory or otherwise. The term "warranty" used herein

includes, but is not limited to, any warranty of the quality,

performance, merchantability and fitness for a particular purpose of

the program and the nonexistence of any infringement or violation of

any right of any third party.

Each user of the program will agree and understand, and be deemed to

have agreed and understood, that there is no warranty whatsoever for

the program and, accordingly, the entire risk arising from or

otherwise connected with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other

organization that participated in or was otherwise related to the

development of the program and their respective officials, directors,

officers and other employees shall be held liable for any and all

damages, including, without limitation, general, special, incidental

and consequential damages, arising out of or otherwise in connection

with the use or inability to use the program or any product, material

or result produced or otherwise obtained by using the program,

regardless of whether they have been advised of, or otherwise had

knowledge of, the possibility of such damages at any time during the

project or thereafter. Each user will be deemed to have agreed to the

foregoing by his or her commencement of use of the program. The term

"use" as used herein includes, but is not limited to, the use,

modification, copying and distribution of the program and the

production of secondary products from the program.

In the case where the program, whether in its original form or modified, was distributed or delivered to or received by a user from any person, organization or entity other than ICOT, unless it makes or grants independently of ICOT any specific warranty to the user in writing, such person, organization or entity, will also be exempted from and not be held liable to the user for any such damages as noted above as far as the program is concerned.

=====

Nori Korean Morphological Analyzer - Apache Lucene Integration

=====

This software includes a binary and/or source version of data from mecab-ko-dic-2.0.3-20170922 which can be obtained from

<https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz>

Apache Maven Clean Plugin 3.3.2

Copyright © The Apache Software Foundation.

Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Apache Maven Compiler Plugin 3.12.1

Apache Maven Compiler Plugin

Copyright 2001-2023 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache Maven Dependency Plugin 3.6.0

Apache Maven Dependency Plugin

Copyright 2002-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Maven Deploy Plugin 3.1.1

Apache Maven Deploy Plugin

Copyright 2004-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Maven Install Plugin 3.1.1

Copyright © The Apache Software Foundation.

Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Apache Maven Resources Plugin 3.2.0

Apache Maven Resources Plugin

Copyright 2001-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Maven Resources Plugin 3.3.1

Apache Maven Resources Plugin

Copyright 2001-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Maven WAR Plugin 3.4.0

Apache Maven WAR Plugin

Copyright 2002-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache MINA Core 2.1.3

Apache MINA Core

Copyright 2004-2019 Apache MINA Project

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache MINA Core 2.1.6

Apache MINA Core

Copyright © 2004-2022 Apache MINA Project

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Mina SSHD :: Core 0.7.0

Copyright © 2008-2020 The Apache Software Foundation

Apache POI 5.2.2

Apache POI

Copyright © 2003-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

This product contains parts that were originally based on software from BEA.

Copyright © 2000-2003, BEA Systems, <<http://www.bea.com/>> (dead link),

which was acquired by Oracle Corporation in 2008.

<<http://www.oracle.com/us/corporate/Acquisitions/bea/index.html>>

<https://en.wikipedia.org/wiki/BEA_Systems>

This product contains W3C XML Schema documents. Copyright © 2001-2003

World Wide Web Consortium (Massachusetts Institute of Technology, European

Research Consortium for Informatics and Mathematics, Keio University)

This product contains the chunks_parse_cmds.tbl file from the vsdump program.

Copyright © 2006-2007 Valek Filippov (frob@df.ru)

This product contains parts of the eID Applet project

<<http://eid-applet.googlecode.com>> and <<https://github.com/e-Contract/eid-applet>>.

Copyright © 2009-2018

FedICT (federal ICT department of Belgium), e-Contract.be BVBA (<https://www.e-contract.be>),

Bart Hanssens from FedICT

Apache POI 5.2.5

Apache POI

Copyright 2003-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

This product contains parts that were originally based on software from BEA.

Copyright © 2000-2003, BEA Systems, <<http://www.bea.com/>> (dead link),

which was acquired by Oracle Corporation in 2008.

<<http://www.oracle.com/us/corporate/Acquisitions/bea/index.html>>

<https://en.wikipedia.org/wiki/BEA_Systems>

Note: The ASF Secretary has on hand a Software Grant Agreement (SGA) from BEA Systems, Inc. dated 9 Sep 2003 for XMLBeans signed by their EVP/CFO.

This product contains W3C XML Schema documents. Copyright 2001-2003 © World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)

This product contains the chunks_parse_cmds.tbl file from the vsdump program.

Copyright © 2006-2007 Valek Filippov (frob@df.ru)

This product contains parts of the eID Applet project

<<http://eid-applet.googlecode.com>> and <<https://github.com/e-Contract/eid-applet>>.

Copyright © 2009-2018

FedICT (federal ICT department of Belgium), e-Contract.be BVBA (<https://www.e-contract.be>),

Bart Hanssens from FedICT

ExceptionUtils is derived from `scala.util.control.NonFatal` in scala-library which was released under the Apache 2.0 license.

Copyright © 2002-2023 EPFL

Copyright © 2011-2023 Lightbend, Inc.

Scala includes software developed at

LAMP/EPFL (<https://lamp.epfl.ch/>) and

Lightbend, Inc. (<https://www.lightbend.com/>).

Apache POI API Based On OPC and OOXML Schemas 5.2.2

Apache POI

Copyright 2003-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

This product contains parts that were originally based on software from BEA.

Copyright © 2000-2003, BEA Systems, <<http://www.bea.com/>> (dead link),

which was acquired by Oracle Corporation in 2008.

<<http://www.oracle.com/us/corporate/Acquisitions/bea/index.html>>

<https://en.wikipedia.org/wiki/BEA_Systems>

This product contains W3C XML Schema documents. Copyright 2001-2003 ©

World Wide Web Consortium (Massachusetts Institute of Technology, European

Research Consortium for Informatics and Mathematics, Keio University)

This product contains the chunks_parse_cmds.tbl file from the vsdump program.

Copyright © 2006-2007 Valek Filippov (frob@df.ru)

This product contains parts of the eID Applet project

<<http://eid-applet.googlecode.com>> and <<https://github.com/e-Contract/eid-applet>>.

Copyright © 2009-2018

FedICT (federal ICT department of Belgium), e-Contract.be BVBA (<https://www.e-contract.be>),

Bart Hanssens from FedICT

Apache POI API Based On OPC and OOXML Schemas 5.2.5

Apache POI

Copyright 2003-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

This product contains parts that were originally based on software from BEA.

Copyright © 2000-2003, BEA Systems, <<http://www.bea.com/>> (dead link),

which was acquired by Oracle Corporation in 2008.

<<http://www.oracle.com/us/corporate/Acquisitions/bea/index.html>>

<https://en.wikipedia.org/wiki/BEA_Systems>

Note: The ASF Secretary has on hand a Software Grant Agreement (SGA) from BEA Systems, Inc. dated 9 Sep 2003 for XMLBeans signed by their EVP/CFO.

This product contains W3C XML Schema documents. Copyright 2001-2003 © World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)

This product contains the chunks_parse_cmds.tbl file from the vsdump program.

Copyright © 2006-2007 Valek Filippov (frob@df.ru)

This product contains parts of the eID Applet project

<<http://eid-applet.googlecode.com>> and <<https://github.com/e-Contract/eid-applet>>.

Copyright © 2009-2018

FedICT (federal ICT department of Belgium), e-Contract.be BVBA (<https://www.e-contract.be>),

Bart Hanssens from FedICT

ExceptionUtils is derived from `scala.util.control.NonFatal` in scala-library

which was released under the Apache 2.0 license.

Copyright © 2002-2023 EPFL

Copyright © 2011-2023 Lightbend, Inc.

Scala includes software developed at

LAMP/EPFL (<https://lamp.epfl.ch/>) and

Lightbend, Inc. (<https://www.lightbend.com/>).

Apache POI Common 4.1.2

Apache POI

Copyright 2003-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

This product contains parts that were originally based on software from BEA.

Copyright © 2000-2003, BEA Systems, <<http://www.bea.com/>> (dead link),

which was acquired by Oracle Corporation in 2008.

<<http://www.oracle.com/us/corporate/Acquisitions/bea/index.html>>

<https://en.wikipedia.org/wiki/BEA_Systems>

This product contains W3C XML Schema documents. Copyright 2001-2003 ©

World Wide Web Consortium (Massachusetts Institute of Technology, European

Research Consortium for Informatics and Mathematics, Keio University)

This product contains the chunks_parse_cmds.tbl file from the vsdump program.

Copyright © 2006-2007 Valek Filippov (frob@df.ru)

This product contains parts of the eID Applet project

<<http://eid-applet.googlecode.com>> and <<https://github.com/e-Contract/eid-applet>>.

Copyright © 2009-2014

FedICT (federal ICT department of Belgium), e-Contract.be BVBA (<https://www.e-contract.be>),

Bart Hanssens from FedICT

Apache POI OOXML Schemas (full) 5.2.2

Apache POI

Copyright 2003-2021 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<https://www.apache.org/>).

This product contains parts that were originally based on software from BEA.

Copyright © 2000-2003, BEA Systems, <<http://www.bea.com/>> (dead link), which was acquired by Oracle Corporation in 2008.

<<http://www.oracle.com/us/corporate/Acquisitions/bea/index.html>>

<https://en.wikipedia.org/wiki/BEA_Systems>

This product contains W3C XML Schema documents. Copyright 2001-2003 © World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)

This product contains the chunks_parse_cmds.tbl file from the vsdump program.

Copyright © 2006-2007 Valek Filippov (frob@df.ru)

This product contains parts of the eID Applet project <<http://eid-applet.googlecode.com>> and <<https://github.com/e-Contract/eid-applet>>. Copyright © 2009-2018 FedICT (federal ICT department of Belgium), e-Contract.be BVBA (<https://www.e-contract.be>), Bart Hanssens from FedICT

Apache POI OOXML Schemas (full) 5.2.5

Apache POI

Copyright 2003-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

This product contains parts that were originally based on software from BEA.

Copyright © 2000-2003, BEA Systems, <<http://www.bea.com/>> (dead link),

which was acquired by Oracle Corporation in 2008.

<<http://www.oracle.com/us/corporate/Acquisitions/bea/index.html>>

<https://en.wikipedia.org/wiki/BEA_Systems>

Note: The ASF Secretary has on hand a Software Grant Agreement (SGA) from BEA Systems, Inc. dated 9 Sep 2003 for XMLBeans signed by their EVP/CFO.

This product contains W3C XML Schema documents. Copyright 2001-2003 © World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)

This product contains the chunks_parse_cmds.tbl file from the vsdump program.

Copyright © 2006-2007 Valek Filippov (frob@df.ru)

This product contains parts of the eID Applet project

<<http://eid-applet.googlecode.com>> and <<https://github.com/e-Contract/eid-applet>>.

Copyright © 2009-2018

FedICT (federal ICT department of Belgium), e-Contract.be BVBA (<https://www.e-contract.be>),

Bart Hanssens from FedICT

ExceptionUtils is derived from `scala.util.control.NonFatal` in scala-library which was released under the Apache 2.0 license.

Copyright © 2002-2023 EPFL

Copyright © 2011-2023 Lightbend, Inc.

Scala includes software developed at

LAMP/EPFL (<https://lamp.epfl.ch/>) and

Lightbend, Inc. (<https://www.lightbend.com/>).

Apache POI OOXML Schemas (lite) 5.2.2

Apache POI

Copyright 2003-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<https://www.apache.org/>).

This product contains parts that were originally based on software from BEA.

Copyright © 2000-2003, BEA Systems, <<http://www.bea.com/>> (dead link), which was acquired by Oracle Corporation in 2008.

<<http://www.oracle.com/us/corporate/Acquisitions/bea/index.html>>

<https://en.wikipedia.org/wiki/BEA_Systems>

This product contains W3C XML Schema documents. Copyright 2001-2003 © World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and Mathematics, Keio University)

This product contains the chunks_parse_cmds.tbl file from the vsdump program.

Copyright © 2006-2007 Valek Filippov (frob@df.ru)

This product contains parts of the eID Applet project

<<http://eid-applet.googlecode.com>> and <<https://github.com/e-Contract/eid-applet>>.

Copyright © 2009-2018 FedICT (federal ICT department of Belgium), e-Contract.be BVBA (<https://www.e-contract.be>), Bart Hanssens from FedICT

Apache ServiceMix :: Bundles :: ANTLR 2.7.7_5

Apache ServiceMix

Copyright 2005-2011 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache ServiceMix :: Bundles :: Commons CSV 1.0-r706900_3

Apache ServiceMix

Copyright 2005-2010 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache ServiceMix :: Bundles :: Dom4J 2.1.1_1

Apache ServiceMix :: Bundles :: dom4j

Copyright 2005-2019 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache ServiceMix :: Bundles :: Dom4J 2.1.4_1

Apache ServiceMix :: Bundles :: dom4j

Copyright 2005-2023 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache ServiceMix :: Bundles :: JSR305 2.0.1.1

Copyright © 2012 The Apache Software Foundation.

Apache ServiceMix :: Bundles :: xpp3 1.1.4c_7

Apache ServiceMix :: Bundles :: xpp3

Copyright 2005-2014 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Apache Shiro 1.13.0

Apache Shiro

Copyright 2008-2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

The implementation for org.apache.shiro.util.SoftHashMap is based on initial ideas from Dr. Heinz Kabutz's publicly posted version available at <http://www.javaspecialists.eu/archive/Issue015.html>, with continued modifications.

Certain parts (StringUtils, IpAddressMatcher, etc.) of the source code for this product was copied for simplicity and to reduce dependencies from the source code developed by the Spring Framework Project (<http://www.springframework.org>).

Apache Shiro 1.6.0

Apache Shiro

Copyright 2008-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

The implementation for org.apache.shiro.util.SoftHashMap is based

on initial ideas from Dr. Heinz Kabutz's publicly posted version

available at <http://www.javaspecialists.eu/archive/Issue015.html>,

with continued modifications.

Certain parts (StringUtils, IpAddressMatcher, etc.) of the source

code for this product was copied for simplicity and to reduce

dependencies from the source code developed by the Spring Framework

Project (<http://www.springframework.org>).

Apache Shiro 1.7.1

Apache Shiro

Copyright 2008-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

The implementation for org.apache.shiro.util.SoftHashMap is based on initial ideas from Dr. Heinz Kabutz's publicly posted version available at <http://www.javaspecialists.eu/archive/Issue015.html>, with continued modifications.

Certain parts (StringUtils, IpAddressMatcher, etc.) of the source code for this product was copied for simplicity and to reduce dependencies from the source code developed by the Spring Framework Project (<http://www.springframework.org>).

Apache Shiro 1.9.1

Apache Shiro

Copyright 2008-2020 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

The implementation for org.apache.shiro.util.SoftHashMap is based

on initial ideas from Dr. Heinz Kabutz's publicly posted version

available at <http://www.javaspecialists.eu/archive/Issue015.html>,

with continued modifications.

Certain parts (StringUtils, IpAddressMatcher, etc.) of the source

code for this product was copied for simplicity and to reduce

dependencies from the source code developed by the Spring Framework

Project (<http://www.springframework.org>).

Apache Thrift 0.18.1

Apache Thrift

Copyright © 2006 - 2019, The Apache Software Foundation.

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Thrift 0.7.0

Copyright 2006-2010 The Apache Software Foundation.

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache XMLBeans 5.2.0

=====
== NOTICE file corresponding to section 4(d) of the Apache License, ==
== Version 2.0, in this case for the Apache XmlBeans distribution. ==
=====

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Portions of this software were originally based on the following:

- software copyright © 2000-2003, BEA Systems, <<http://www.bea.com/>>.

Note: The ASF Secretary has on hand a Software Grant Agreement (SGA) from
BEA Systems, Inc. dated 9 Sep 2003 for XMLBeans signed by their EVP/CFO.

Aside from contributions to the Apache XMLBeans project, this
software also includes:

- one or more source files from the Apache Xerces-J and Apache Axis

products, Copyright © 1999-2003 Apache Software Foundation

- W3C XML Schema documents Copyright 2001-2003 © World Wide Web

Consortium (Massachusetts Institute of Technology, European Research

Consortium for Informatics and Mathematics, Keio University)

- resolver.jar from Apache Xml Commons project,

Copyright © 2001-2003 Apache Software Foundation

ExceptionUtils is derived from `scala.util.control.NonFatal` in scala-library

which was released under the Apache 2.0 license.

Copyright © 2002-2023 EPFL

Copyright © 2011-2023 Lightbend, Inc.

Scala includes software developed at

LAMP/EPFL (<https://lamp.epfl.ch/>) and

Lightbend, Inc. (<https://www.lightbend.com/>).

Apache XMLBeans 3.1.0

Copyright © 2000-2003, BEA Systems, <<http://www.bea.com/>>.

Copyright © 1999-2003 Apache Software Foundation

Copyright 2001-2003 © World Wide Web Consortium (Massachusetts Institute of Technology, European Research Consortium for Informatics and
Mathematics, Keio University)

Copyright © 2001-2003 Apache Software Foundation

Copyright © 2002 Yuval Oren

Apache XMLBeans 5.0.3

=====
== NOTICE file corresponding to section 4(d) of the Apache License, ==
== Version 2.0, in this case for the Apache XmlBeans distribution. ==
=====

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Portions of this software were originally based on the following:

- software copyright © 2000-2003, BEA Systems, <<http://www.bea.com/>>.

Aside from contributions to the Apache XMLBeans project, this
software also includes:

- one or more source files from the Apache Xerces-J and Apache Axis

products, Copyright © 1999-2003 Apache Software Foundation

- W3C XML Schema documents Copyright 2001-2003 © World Wide Web

Consortium (Massachusetts Institute of Technology, European Research

Consortium for Informatics and Mathematics, Keio University)

- resolver.jar from Apache Xml Commons project,

Copyright © 2001-2003 Apache Software Foundation

Apache XML Commons External Components XML APIs 1.4.01

Copyright © 2011 Apache Software Foundation. All Rights Reserved.

Apache XML Commons External Components XML APIs Extensions 1.3.04

=====
== NOTICE file corresponding to section 4(d) of the Apache License, ==
== Version 2.0, in this case for the Apache xml-commons xml-apis ==
== distribution. ==
=====

Apache XML Commons XML APIs

Copyright 2006 The Apache Software Foundation.

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Portions of this software were originally based on the following:

- software copyright © 1999, IBM Corporation., <http://www.ibm.com>.

- software copyright © 1999, Sun Microsystems., <http://www.sun.com>.

- software copyright © 2000 World Wide Web Consortium, <http://www.w3.org>

Apache XML Graphics Commons 2.7

Apache XML Graphics Commons

Copyright © 2006-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Apache Zookeeper 3.9.1

Apache ZooKeeper

Copyright 2009-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This product includes software components originally

developed for Airlift (<https://github.com/airlift/airlift>),

licensed under the Apache 2.0 license. The licensing terms

for Airlift code can be found at:

<https://github.com/airlift/airlift/blob/master/LICENSE>

This project also includes some files with the following licenses.

These BSD licensed files:

`./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable.c`

`./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable.h`

`./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable_itr.c`

`./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable_itr.h`

`./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable_private.h`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/yui-min.js`

`./zookeeper-docs/src/main/resources/markdown/skin/prototype.js`

These MIT licensed files:

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/date.format.js`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.bar.js`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.dot.js`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.line.js`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.pie.js`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.raphael.js`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/raphael.js`

This Apache 2.0 licensed file:

`./zookeeper-contrib/zookeeper-contrib-zooinspector/src/main/java/com/nitido/utls/toaster/Toaster.java`

Apache Zookeeper 3.8.0

Apache ZooKeeper

Copyright 2009-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This product includes software components originally

developed for Airlift (<https://github.com/airlift/airlift>),

licensed under the Apache 2.0 license. The licensing terms

for Airlift code can be found at:

<https://github.com/airlift/airlift/blob/master/LICENSE>

This project also includes some files with the following licenses.

These BSD licensed files:

`./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable.c`

`./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable.h`

`./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable_itr.c`

`./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable_itr.h`

`./zookeeper-client/zookeeper-client-c/src/hashtable/hashtable_private.h`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/yui-min.js`

`./zookeeper-docs/src/main/resources/markdown/skin/prototype.js`

These MIT licensed files:

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/date.format.js`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.bar.js`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.dot.js`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.line.js`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.pie.js`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/g.raphael.js`

`./zookeeper-contrib/zookeeper-contrib-loggraph/src/main/resources/webapp/org/apache/zookeeper/graph/resources/raphael.js`

This Apache 2.0 licensed file:

`./zookeeper-contrib/zookeeper-contrib-zooinspector/src/main/java/com/nitido/utls/toaster/Toaster.java`

Argona 1.8.0

Copyright © 2014 - 2020 Real Logic Limited

ASN One 0.5.0

Copyright 2016 Jeroen van Erp <jeroen@hierynomus.com>

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Axis Config -

Copyright © 2005-2019 The Apache Software Foundation

Batik Anim 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik AWT Utilities 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik Bridge 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik Codec 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik Constants 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project (<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme (<http://www.jesusda.com/projects/pasodoble>).

Batik CSS 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project (<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme (<http://www.jesusda.com/projects/pasodoble>).

Batik DOM 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik Ext 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik GVT 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik I18n 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik Parser 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik Script 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik Shared Resources 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik SVG DOM 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik Svggen 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik Transcoder 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project

(<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme

(<http://www.jesusda.com/projects/pasodoble>).

Batik Utilities 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project (<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme (<http://www.jesusda.com/projects/pasodoble>).

Batik XML 1.17

Apache Batik

Copyright 1999-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

This software contains code from the World Wide Web Consortium (W3C) for the Document Object Model API (DOM API) and SVG Document Type Definition (DTD).

This software contains code from the International Organisation for Standardization for the definition of character entities used in the software's documentation.

This product includes images from the Tango Desktop Project (<http://tango.freedesktop.org/>).

This product includes images from the Pasodoble Icon Theme (<http://www.jesusda.com/projects/pasodoble>).

Beanshell 2.1.1

BeanShell Scripting for Java

Copyright 1997-2012 Patrick Niemeyer

Licensed under the Apache License, Version 2.0.

Granted to the Apache Software Foundation 2012

Bean Validation API 2.0.1.FINAL

Bean Validation API

Copyright © Red Hat, Inc.

License: Apache License, Version 2.0

See the license.txt file in the root directory or <<http://www.apache.org/licenses/LICENSE-2.0>>.

Bean Validation API 1.1.0.Final

Copyright © 2009 Red Hat, Inc., Emmanuel Bernard

browser-sync 2.27.7

Copyright © 2015 Shane Osbourne

Byte Buddy 1.14.12

Copyright © 2014 - Present Rafael Winterhalter

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Caffeine 3.1.6

Copyright © 2014 Ben Manes. All Rights Reserved

Caffeine Cache 3.1.8

Copyright © Ben Manes. All Rights Reserved

cassandra-jdbc-wrapper 4.5.2

Copyright © ING Bank

cglib 2.2.2

Copyright © 2011 The Apache Software Foundation.

This product includes software developed by

The Apache Software Foundation (<http://www.apache.org/>).

Classmate 1.5.1

Copyright © Tatu Saloranta

com.netflix.astyanax 1.56.48

Copyright 2009, 2010 The Apache Software Foundation

config 1.3.0

Copyright © 2011-2012 Typesafe Inc. <<http://typesafe.com>>

Config 1.4.1

Copyright © 2011-2012 Typesafe Inc. <<http://typesafe.com>>

Cryptacular Java Library 1.2.4

Cryptacular Java Library

Copyright © 2003-2020 Virginia Tech.

All rights reserved.

This product includes software developed at

Virginia Tech (<http://www.vt.edu>).

Curator Client 5.6.0

Curator Client

Copyright 2011-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Curator Recipes 5.2.0

Curator Recipes

Copyright 2011-2021 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Datastax Java Driver 4.13.0

Copyright © DataStax Inc.

DataStax Java Driver For Apache Cassandra(R) Core 4.14.1

Copyright © DataStax, Inc.

DataStax Java Driver For Apache Cassandra(R) Query Builder 4.14.1

Copyright © DataStax, Inc.

Dropwizard.Metrics.Core 3.2.2

Copyright © 2010-2013 Coda Hale and Yammer, Inc

Dropwizard.Metrics.Core 4.2.7

Copyright © 2010-2013 Coda Hale and Yammer, Inc

Copyright © 2014-2021 Dropwizard Team

Eclipse Jetty 8.1.14.v20131031

Copyright © The Eclipse Foundation.

Eclipse Jetty 9.4.32.v20200930

Copyright © Jetty Contributors

Eclipse Jetty 9.4.36.v20210114

Copyright © Jetty Contributors

Eclipse Jetty 9.4.54.v20240208

=====

Jetty Web Container

Copyright 1995-2018 Mort Bay Consulting Pty Ltd.

=====

The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd

unless otherwise noted.

Jetty is dual licensed under both

* The Apache 2.0 License

<http://www.apache.org/licenses/LICENSE-2.0.html>

and

* The Eclipse Public 1.0 License

<http://www.eclipse.org/legal/epl-v10.html>

Jetty may be distributed under either license.

Eclipse

The following artifacts are EPL.

- * org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

- * org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- * org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- * javax.servlet:javax.servlet-api

- * javax.annotation:javax.annotation-api

- * javax.transaction:javax.transaction-api

- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

Error Prone 2.18.0

Copyright © The Error Prone Authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Error Prone Annotations 2.3.4

Copyright © 2015 The Error Prone Authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Error Prone Annotations 2.7.1

Copyright © 2015 The Error Prone Authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Esri Geometry API For Java 1.2.1

Copyright 2013-2019 Esri

Exec Maven Plugin 3.1.0

Copyright © The Codehaus

FasterXML Jackson Core 2.15.2

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

FastDoubleParser

jackson-core bundles a shaded copy of FastDoubleParser <<https://github.com/wrandelshofer/FastDoubleParser>>.

That code is available under an MIT license <<https://github.com/wrandelshofer/FastDoubleParser/blob/main/LICENSE>>

under the following copyright.

Copyright © 2023 Werner Randelshofer, Switzerland. MIT License.

See FastDoubleParser-NOTICE for details of other source code included in FastDoubleParser and the licenses and copyrights that apply to that code.

FasterXML Jackson Databind 2.15.2

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

FindBugs JSR305 2.0.1

Copyright © 2006-2009, The University of Maryland.

FindBugs JSR305 -

Copyright © Sonatype, Inc.

FreeHEP VectorGraphics -

Copyright © 2000-2009

CERN, Geneva, Switzerland

SLAC, Stanford, California, U.S.A.

University of California Santa Cruz, U.S.A.

Graphite Integration For Metrics 3.2.2

Copyright © 2010-2013 Coda Hale and Yammer, Inc.

Graphite Integration For Metrics 4.2.7

Copyright © 2010-2013 Coda Hale and Yammer, Inc

Copyright © 2014-2021 Dropwizard Team

Gson 2.10.1

Copyright © 2008 Google Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

<p>Gson 2.9.0</p> <p>Copyright © 2008 Google Inc.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at</p> <p>http://www.apache.org/licenses/LICENSE-2.0</p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p>
<p>Gson 2.7.0</p> <p>Copyright 2008 Google Inc</p>
<p>Guava 31.1</p> <p>Copyright © 2006 The Guava Authors</p>
<p>Guava 19.0</p> <p>Copyright © 2012 The Guava Authors</p>
<p>Guava 30.1-jre</p> <p>Copyright © 2012 The Guava Authors</p>
<p>Guava 31.0-jre</p> <p>Copyright © 2012 The Guava Authors</p>
<p>Guava 32.1.1-jre</p> <p>Copyright © 2009 The Guava Authors</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at</p> <p>http://www.apache.org/licenses/LICENSE-2.0</p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p>
<p>Guava 27.0.1-JRE</p> <p>Copyright © The Guava Authors</p>
<p>Guava InternalFutureFailureAccess and InternalFutures 1.0.1</p> <p>Copyright © 2008 Google Inc.</p>
<p>Guava InternalFutureFailureAccess and InternalFutures 29.0</p> <p>Copyright © The Guava Authors</p>
<p>Guava ListenableFuture 9999.0-empty-to-avoid-conflict-with-guava</p> <p>Copyright © 2007 The Guava Authors</p>
<p>guice 4.0</p> <p>Copyright © 2006 Google, Inc. All rights reserved.</p>
<p>guice-assistedinject 4.0</p> <p>Copyright 2006-2015 Google, Inc.</p>
<p>guice-multibindings 4.0</p> <p>Copyright 2006-2015 Google, Inc.</p>

hibernate-validator 8.0.0.Final

Hibernate Validator, declare and validate application constraints

License: Apache License, Version 2.0

See the license.txt file in the root directory or <<http://www.apache.org/licenses/LICENSE-2.0>>.

Provides Hibernate Validator extensions to {@link ValidatorFactory}.

@author Emmanuel Bernard

@author Kevin Pollet <kevin.pollet@serli.com>;

© 2011 SERLI

Hibernate Validator Engine Relocation Artifact 5.2.4.Final

Copyright © 2007-2020 Red Hat, Inc. All Rights Reserved.

High Performance Collections (hppc) 0.8.1

Copyright © 2005 — 2018 Carrot Search.

HPPC-RT 0.7.5

HPPC-RT ("Realtime")

Copyright 2013-2017 Vincent Sonnier

HPPC-RT borrowed code, ideas or both from:

* HPPC, <http://labs.carrotsearch.com/hppc.html>, by Carrot Search s.c., Boznicza 11/57, 61-751 Poznan, Poland.

(Apache license)

* Apache Lucene, <http://lucene.apache.org/>

(Apache license)

* Fastutil, <http://fastutil.di.unimi.it/>

(Apache license)

* Koloboke, <https://github.com/OpenHFT/Koloboke>

(Apache license)

* Cliff Moon, <https://github.com/moonpolysoft> for a Robin Hood hashing pull request (<https://github.com/carrotsearch/hppc/pull/3>) for HPPC.

(Apache license)

J2ObjC Annotations 2.8

Copyright © 2012 Google Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

J2ObjC Annotations 1.3

Copyright © 2012 Google Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

J2ObjC Annotations 1.1

Copyright Google Inc., Daniel Connelly. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Jackson Annotations 2.15.2

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.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

Jackson Annotations 2.13.2

Copyright © FasterXML, LLC

Jackson Annotations 2.15.4

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.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

Jackson Annotations 2.16.1

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.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

Jackson Core 2.15.2

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.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

Jackson Core 2.13.2

Copyright © FasterXML, LLC

Jackson Core 2.15.4

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.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

Jackson Core 2.16.1

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.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

jackson-core 2.8.11

Copyright © 2015 FasterXML, LLC

jackson-core-asl 1.9.13

Copyright © 2011 FasterXML, LLC

jackson-core-asl 1.9.2

Copyright © 2011 FasterXML, LLC

Jackson Databind 2.15.2

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.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

Jackson Databind 2.11.0

Copyright © FasterXML, LLC

Jackson Databind 2.13.1

Copyright © FasterXML, LLC

Jackson Databind 2.13.2.2

Copyright © 2021 Tatu Saloranta

Jackson Databind 2.16.1

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.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

Jackson Databind 2.15.4

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.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

jackson-databind 2.8.11

Copyright © 2015 FasterXML, LLC

Jackson dataformat: CBOR 2.10.4

Copyright © FasterXML, LLC

Jackson dataformat CBOR 2.12.3

Copyright © FasterXML, LLC

Jackson dataformat CBOR 2.13.1

Copyright © FasterXML, LLC

Jackson dataformat CBOR 2.13.2

Copyright © FasterXML, LLC

Jackson Dataformat CSV 2.13.2

Copyright © FasterXML. All rights reserved.

Jackson Dataformat Smile 2.13.2

Copyright © FasterXML. All rights reserved.

Jackson Dataformat XML 2.13.2

Copyright © FasterXML. All rights reserved.

jackson-dataformat-xml 2.15.4

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.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

jackson-dataformat-xml 2.16.1

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.

Copyright

Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)

Licensing

Jackson 2.x core and extension components are licensed under Apache License 2.0

To find the details that apply to this artifact see the accompanying LICENSE file.

Credits

A list of contributors may be found from CREDITS(-2.x) file, which is included

in some artifacts (usually source distributions); but is always available

from the source code management (SCM) system project uses.

Jackson Dataformat YAML 2.15.2

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](http://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) (<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.

Jackson Dataformat YAML 2.13.2

Copyright © FasterXML, LLC

Jackson datatype: JSR310 2.13.2

Copyright © 2019 [FasterXML.com](http://fasterxml.com)

Jackson Datatype JSR310 2.15.2

Copyright © [FasterXML.com](http://fasterxml.com)

jackson-mapper-asl 1.9.13

Copyright © 2013 FasterXML, LLC

jackson-mapper-asl 1.9.2

Copyright © 2011 FasterXML, LLC

Jackson Module JAXB Annotations 2.13.2

Copyright © FasterXML. All rights reserved.

Jackson Module JSON Schema 2.13.2

Copyright © FasterXML. All rights reserved.

jasmine-spec-reporter 7.0.0

Copyright © 2021 Bastien Caudan

Java Activation Spec API 1.1 1.1

Activation 1.1

Copyright 2003-2010 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Javamail 1.4 Specification 1.7.1

JavaMail 1.4

Copyright 2003-2010 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Java Native Access Platform 4.3.0

Copyright © Timothy Wall and Matthias Bläsing

Javassist 3.29.1-GA

Copyright © 1999- Shigeru Chiba. All Rights Reserved.

javax.inject 1

Copyright © 2009 The JSR-330 Expert Group

JavaX Inject 1.0.0.v20091030

Copyright © 2009 The JSR-330 Expert Group

JCIP Annotations Under Apache License 1.0-1

Copyright © 2013 Stephen Connolly

JCL-Over-SLF4J 1.7.36

Copyright © 2001-2004 The Apache Software Foundation.

JCL-Over-SLF4J 2.0.10

Copyright © 2004-2022 [QOS.ch](http://www.qos.ch) Sarl (Switzerland)

All rights reserved.

Jettison 1.2

Copyright © 2006 Envoi Solutions LLC

Jettison 1.5.4

Copyright © 2006 Envoi Solutions LLC

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Jetty :: Server 9.4.48.v20220622

Copyright © 1995-2022 Mort Bay Consulting Pty Ltd and others.

All rights reserved. This program and the accompanying materials
are made available under the terms of the Eclipse Public License v1.0
and Apache License v2.0 which accompanies this distribution.

The Eclipse Public License is available at

<http://www.eclipse.org/legal/epl-v10.html>

The Apache License v2.0 is available at

<http://www.opensource.org/licenses/apache2.0.php>

You may elect to redistribute this code under either of these licenses.

Jetty Home 10.0.7

Copyright © 1995-2021 Mort Bay Consulting Pty Ltd and others.

Jetty Servlet 9.4.54.v20240208

=====

Jetty Web Container

Copyright 1995-2018 Mort Bay Consulting Pty Ltd.

=====

The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd
unless otherwise noted.

Jetty is dual licensed under both

* The Apache 2.0 License

<http://www.apache.org/licenses/LICENSE-2.0.html>

and

* The Eclipse Public 1.0 License

<http://www.eclipse.org/legal/epl-v10.html>

Jetty may be distributed under either license.

Eclipse

The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida,

modified April 2001 by Iris Van den Broeke, Daniel Deville.

Permission to use, copy, modify and distribute UnixCrypt
for non-commercial or commercial purposes and without fee is
granted provided that the copyright notice appears in all copies.

Jetty Web Container 9.4.43.v20210629

Copyright 1995-2018 Mort Bay Consulting Pty Ltd.

Jffi 1.3.9

Copyright © 2009 Wayne Meissner

JHeaps 0.13

Copyright © 2014-2019 Dimitrios Michail

JNA 4.1.0

Copyright © 2014 Timothy Wall

JNR A64asm 1.0.0

Copyright © 2018 Ossdev07

This file is part of the JNR project.

jnr-constants 0.10.3

Copyright © 2008-2018 Wayne Meissner

jnr-ffi 2.2.11

Copyright © 2008-2010 Wayne Meissner

Joda-Time 2.9.9

Copyright © 2001-2010 Stephen Colebourne

Johnzon :: Core 1.2.21

Johnzon :: Core

Copyright 2014-2023 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

JOSE4j 0.5.2

Copyright 2012-2015 Brian Campbell

Json Path 2.8.0

Copyright 2011 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

JSON Small and Fast Parser 1.3.1

Copyright 2011 JSON-SMART authors

JUnitParams 1.0.1

Copyright © 2013 Pragmatists. All Rights Reserved.

Liquibase core 4.8.0

Copyright © Nathan Voxland

Liquibase Extension: Cassandra Database Support 4.8.0

Copyright © Nathan Voxland

Logstash Logback Encoder 7.4

Copyright 2013-2023 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

lucene-analysis-common 9.2.0

Apache Lucene

Copyright 2001-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Includes software from other Apache Software Foundation projects,

including, but not limited to:

- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license

and Copyright © 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such as the Unicode Character Database. See <http://unicode.org/copyright.html> for more details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is

BSD-licensed, created by Anders Møller. See <http://www.brics.dk/automaton/>

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were automatically generated with the moman/finenight FSA library, created by

Jean-Philippe Barrette-LaPierre. This library is available under an MIT license,

see <http://sites.google.com/site/rrettesite/moman> and

<http://bitbucket.org/jpbarrette/moman/overview/>

The class org.apache.lucene.util.WeakIdentityMap was derived from

the Apache CXF project and is Apache License 2.0.

The class org.apache.lucene.util.compress.LZ4 is a Java rewrite of the LZ4 compression library (<https://github.com/lz4/lz4/tree/dev/lib>) that is licensed

under the 2-clause BSD license.

(<https://opensource.org/licenses/bsd-license.php>)

The Google Code Prettify is Apache License 2.0.

See <http://code.google.com/p/google-code-prettify/>

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0

See <http://junit.sourceforge.net/cpl-v10.html>

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin

g Package (jaspell): <http://jaspell.sourceforge.net/>

License: The BSD License (<http://www.opensource.org/licenses/bsd-license.php>)

The snowball stemmers in

analysis/common/src/java/net/sf/snowball

were developed by Martin Porter and Richard Boulton.

The snowball stopword lists in

analysis/common/src/resources/org/apache/lucene/analysis/snowball

were developed by Martin Porter and Richard Boulton.

The full snowball package is available from

<https://snowballstem.org/>

The KStem stemmer in

analysis/common/src/org/apache/lucene/analysis/en

was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst)

under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default

stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:

analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

See <http://members.unine.ch/jacques.savoy/clef/index.html>.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers

(common) are based on BSD-licensed reference implementations created by Jacques Savoy and

Ljiljana Dolamic. These files reside in:

analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed
by the Egothor project <http://egothor.sf.net/>, created by Leo Galambos, Martin Kvapil,
and Edmond Nolan.

The Polish analyzer (stempel) comes with a default
stopword list that is BSD-licensed created by the Carrot2 project. The file resides
in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.

See <https://project.carrot2.org/license.html>.

The SmartChineseAnalyzer source code (smartcn) was
provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
is derived from Unicode data such as the Unicode Character Database.

See <http://unicode.org/copyright.html> for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software
developed by Dawid Weiss and Marcin Mikowski (<http://morfologik.blogspot.com/>).

Morfologik uses data from Polish ispell/myspell dictionary
(<http://www.sjp.pl/slownik/en/>) licenced on the terms of (inter alia)

LGPL and Creative Commons ShareAlike.

Morfologic includes data from BSD-licensed dictionary of Polish (SGJP)
(<http://sgjp.pl/morfeusz/>)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original
source code for this can be found at <http://www.eclipse.org/jetty/downloads.php>

=====

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

=====

This software includes a binary and/or source version of data from

mecab-ipadic-2.7.0-20070801

which can be obtained from

<http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz>

or

<http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz>

=====

mecab-ipadic-2.7.0-20070801 Notice

=====

Nara Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and

fitness, in no event shall NAIST be liable for any special, indirect or consequential damages or any damages whatsoever resulting from loss of use, data or profits, whether in an action of contract, negligence or other tortuous action, arising out of or in connection with the use or performance of this software.

A large portion of the dictionary entries originate from ICOT Free Software. The following conditions for ICOT Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its original form or modified, to any third party or parties, PROVIDED that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear on, or be attached to, the Program, which is distributed substantially in the same form as set out herein and that such intended distribution, if actually made, will neither violate or otherwise contravene any of the laws and regulations of the countries having jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the research and development conducted during the project and is provided to users as so produced on an experimental basis. Accordingly, the program is provided without any warranty whatsoever, whether express, implied, statutory or otherwise. The term "warranty" used herein includes, but is not limited to, any warranty of the quality, performance, merchantability and fitness for a particular purpose of the program and the nonexistence of any infringement or violation of any right of any third party.

Each user of the program will agree and understand, and be deemed to have agreed and understood, that there is no warranty whatsoever for the program and, accordingly, the entire risk arising from or otherwise connected with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other organization that participated in or was otherwise related to the development of the program and their respective officials, directors, officers and other employees shall be held liable for any and all damages, including, without limitation, general, special, incidental and consequential damages, arising out of or otherwise in connection with the use or inability to use the program or any product, material or result produced or otherwise obtained by using the program, regardless of whether they have been advised of, or otherwise had knowledge of, the possibility of such damages at any time during the

project or thereafter. Each user will be deemed to have agreed to the foregoing by his or her commencement of use of the program. The term "use" as used herein includes, but is not limited to, the use, modification, copying and distribution of the program and the production of secondary products from the program.

In the case where the program, whether in its original form or modified, was distributed or delivered to or received by a user from any person, organization or entity other than ICOT, unless it makes or grants independently of ICOT any specific warranty to the user in writing, such person, organization or entity, will also be exempted from and not be held liable to the user for any such damages as noted above as far as the program is concerned.

=====

Nori Korean Morphological Analyzer - Apache Lucene Integration

=====

This software includes a binary and/or source version of data from mecab-ko-dic-2.0.3-20170922 which can be obtained from

<https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz>

The floating point precision conversion in NumericUtils.Float16Converter is derived from work by Jeroen van der Zijp, granted for use under the Apache license.

lucene-core 9.2.0

Apache Lucene

Copyright 2001-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Includes software from other Apache Software Foundation projects,

including, but not limited to:

- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license

and Copyright © 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such as the Unicode Character Database. See <http://unicode.org/copyright.html> for more details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is

BSD-licensed, created by Anders Møller. See <http://www.brics.dk/automaton/>

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were

automatically generated with the moman/finenight FSA library, created by Jean-Philippe Barrette-LaPierre. This library is available under an MIT license, see <http://sites.google.com/site/rrettesite/moman> and <http://bitbucket.org/jpbarrette/moman/overview/>

The class org.apache.lucene.util.WeakIdentityMap was derived from the Apache CXF project and is Apache License 2.0.

The class org.apache.lucene.util.compress.LZ4 is a Java rewrite of the LZ4 compression library (<https://github.com/lz4/lz4/tree/dev/lib>) that is licensed under the 2-clause BSD license.

(<https://opensource.org/licenses/bsd-license.php>)

The Google Code Prettify is Apache License 2.0.

See <http://code.google.com/p/google-code-prettify/>

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0

See <http://junit.sourceforge.net/cpl-v10.html>

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin g Package (jaspell): <http://jaspell.sourceforge.net/>

License: The BSD License (<http://www.opensource.org/licenses/bsd-license.php>)

The snowball stemmers in analysis/common/src/java/net/sf/snowball were developed by Martin Porter and Richard Boulton.

The snowball stopword lists in analysis/common/src/resources/org/apache/lucene/analysis/snowball were developed by Martin Porter and Richard Boulton.

The full snowball package is available from <https://snowballstem.org/>

The KStem stemmer in analysis/common/src/org/apache/lucene/analysis/en was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst) under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:

analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

See <http://members.unine.ch/jacques.savoy/clef/index.html>.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and

Ljiljana Dolamic. These files reside in:

analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project <http://egothor.sf.net/>, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.

See <https://project.carrot2.org/license.html>.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/) is derived from Unicode data such as the Unicode Character Database.

See <http://unicode.org/copyright.html> for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software developed by Dawid Weiss and Marcin Mikowski (<http://morfologik.blogspot.com/>).

Morfologik uses data from Polish ispell/myspell dictionary (<http://www.sjp.pl/slownik/en/>) licenced on the terms of (inter alia)

LGPL and Creative Commons ShareAlike.

Morfologic includes data from BSD-licensed dictionary of Polish (SGJP) (<http://sgjp.pl/morfeusz/>)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original source code for this can be found at <http://www.eclipse.org/jetty/downloads.php>

=====

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

=====

This software includes a binary and/or source version of data from

mecab-ipadic-2.7.0-20070801

which can be obtained from

<http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz>

or

<http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz>

=====

mecab-ipadic-2.7.0-20070801 Notice

=====

Nara Institute of Science and Technology (NAIST),
the copyright holders, disclaims all warranties with regard to this
software, including all implied warranties of merchantability and
fitness, in no event shall NAIST be liable for
any special, indirect or consequential damages or any damages
whatsoever resulting from loss of use, data or profits, whether in an
action of contract, negligence or other tortious action, arising out
of or in connection with the use or performance of this software.
A large portion of the dictionary entries
originate from ICOT Free Software. The following conditions for ICOT
Free Software applies to the current dictionary as well.
Each User may also freely distribute the Program, whether in its
original form or modified, to any third party or parties, PROVIDED
that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
on, or be attached to, the Program, which is distributed substantially
in the same form as set out herein and that such intended
distribution, if actually made, will neither violate or otherwise
contravene any of the laws and regulations of the countries having
jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the
research and development conducted during the project and is provided
to users as so produced on an experimental basis. Accordingly, the
program is provided without any warranty whatsoever, whether express,
implied, statutory or otherwise. The term "warranty" used herein
includes, but is not limited to, any warranty of the quality,
performance, merchantability and fitness for a particular purpose of
the program and the nonexistence of any infringement or violation of
any right of any third party.

Each user of the program will agree and understand, and be deemed to
have agreed and understood, that there is no warranty whatsoever for
the program and, accordingly, the entire risk arising from or
otherwise connected with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other
organization that participated in or was otherwise related to the

development of the program and their respective officials, directors, officers and other employees shall be held liable for any and all damages, including, without limitation, general, special, incidental and consequential damages, arising out of or otherwise in connection with the use or inability to use the program or any product, material or result produced or otherwise obtained by using the program, regardless of whether they have been advised of, or otherwise had knowledge of, the possibility of such damages at any time during the project or thereafter. Each user will be deemed to have agreed to the foregoing by his or her commencement of use of the program. The term "use" as used herein includes, but is not limited to, the use, modification, copying and distribution of the program and the production of secondary products from the program.

In the case where the program, whether in its original form or modified, was distributed or delivered to or received by a user from any person, organization or entity other than ICOT, unless it makes or grants independently of ICOT any specific warranty to the user in writing, such person, organization or entity, will also be exempted from and not be held liable to the user for any such damages as noted above as far as the program is concerned.

=====

Nori Korean Morphological Analyzer - Apache Lucene Integration

=====

This software includes a binary and/or source version of data from mecab-ko-dic-2.0.3-20170922

which can be obtained from

<https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz>

The floating point precision conversion in NumericUtils.Float16Converter is derived from work by Jeroen van der Zijp, granted for use under the Apache license.

lucene-misc 9.2.0

Apache Lucene

Copyright 2001-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org>).

Includes software from other Apache Software Foundation projects,

including, but not limited to:

- Apache Ant
- Apache Jakarta Regexp
- Apache Commons
- Apache Xerces

ICU4J, (under analysis/icu) is licensed under an MIT styles license and Copyright © 1995-2008 International Business Machines Corporation and others

Some data files (under analysis/icu/src/data) are derived from Unicode data such as the Unicode Character Database. See <http://unicode.org/copyright.html> for more details.

Brics Automaton (under core/src/java/org/apache/lucene/util/automaton) is BSD-licensed, created by Anders Møller. See <http://www.brics.dk/automaton/>

The levenshtein automata tables (under core/src/java/org/apache/lucene/util/automaton) were automatically generated with the moman/finenight FSA library, created by Jean-Philippe Barrette-LaPierre. This library is available under an MIT license, see <http://sites.google.com/site/rrettesite/moman> and <http://bitbucket.org/jpbarrette/moman/overview/>

The class org.apache.lucene.util.WeakIdentityMap was derived from the Apache CXF project and is Apache License 2.0.

The class org.apache.lucene.util.compress.LZ4 is a Java rewrite of the LZ4 compression library (<https://github.com/lz4/lz4/tree/dev/lib>) that is licensed under the 2-clause BSD license.

(<https://opensource.org/licenses/bsd-license.php>)

The Google Code Prettify is Apache License 2.0.

See <http://code.google.com/p/google-code-prettify/>

JUnit (junit-4.10) is licensed under the Common Public License v. 1.0

See <http://junit.sourceforge.net/cpl-v10.html>

This product includes code (JaspellTernarySearchTrie) from Java Spelling Checkin g Package (jaspell): <http://jaspell.sourceforge.net/>

License: The BSD License (<http://www.opensource.org/licenses/bsd-license.php>)

The snowball stemmers in analysis/common/src/java/net/sf/snowball were developed by Martin Porter and Richard Boulton.

The snowball stopword lists in analysis/common/src/resources/org/apache/lucene/analysis/snowball were developed by Martin Porter and Richard Boulton.

The full snowball package is available from <https://snowballstem.org/>

The KStem stemmer in analysis/common/src/org/apache/lucene/analysis/en was developed by Bob Krovetz and Sergio Guzman-Lara (CIIR-UMass Amherst) under the BSD-license.

The Arabic,Persian,Romanian,Bulgarian, Hindi and Bengali analyzers (common) come with a default stopword list that is BSD-licensed created by Jacques Savoy. These files reside in: analysis/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,

analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

See <http://members.unine.ch/jacques.savoy/clef/index.html>.

The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fin/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project <http://egothor.sf.net/>, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.

See <https://project.carrot2.org/license.html>.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/) is derived from Unicode data such as the Unicode Character Database.

See <http://unicode.org/copyright.html> for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software developed by Dawid Weiss and Marcin Mikowski (<http://morfologik.blogspot.com/>).

Morfologik uses data from Polish ispell/myspell dictionary (<http://www.sjp.pl/slownik/en/>) licenced on the terms of (inter alia) LGPL and Creative Commons ShareAlike.

Morfologic includes data from BSD-licensed dictionary of Polish (SGJP) (<http://sgjp.pl/morfeusz/>)

Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original

source code for this can be found at <http://www.eclipse.org/jetty/downloads.php>

=====

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

=====

This software includes a binary and/or source version of data from

mecab-ipadic-2.7.0-20070801

which can be obtained from

<http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz>

or

<http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz>

=====

mecab-ipadic-2.7.0-20070801 Notice

=====

Nara Institute of Science and Technology (NAIST),

the copyright holders, disclaims all warranties with regard to this

software, including all implied warranties of merchantability and

fitness, in no event shall NAIST be liable for

any special, indirect or consequential damages or any damages

whatsoever resulting from loss of use, data or profits, whether in an

action of contract, negligence or other tortuous action, arising out

of or in connection with the use or performance of this software.

A large portion of the dictionary entries

originate from ICOT Free Software. The following conditions for ICOT

Free Software applies to the current dictionary as well.

Each User may also freely distribute the Program, whether in its

original form or modified, to any third party or parties, PROVIDED

that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear

on, or be attached to, the Program, which is distributed substantially

in the same form as set out herein and that such intended

distribution, if actually made, will neither violate or otherwise

contravene any of the laws and regulations of the countries having

jurisdiction over the User or the intended distribution itself.

NO WARRANTY

The program was produced on an experimental basis in the course of the

research and development conducted during the project and is provided

to users as so produced on an experimental basis. Accordingly, the

program is provided without any warranty whatsoever, whether express,

implied, statutory or otherwise. The term "warranty" used herein

includes, but is not limited to, any warranty of the quality,

performance, merchantability and fitness for a particular purpose of

the program and the nonexistence of any infringement or violation of any right of any third party.

Each user of the program will agree and understand, and be deemed to have agreed and understood, that there is no warranty whatsoever for the program and, accordingly, the entire risk arising from or otherwise connected with the program is assumed by the user.

Therefore, neither ICOT, the copyright holder, or any other organization that participated in or was otherwise related to the development of the program and their respective officials, directors, officers and other employees shall be held liable for any and all damages, including, without limitation, general, special, incidental and consequential damages, arising out of or otherwise in connection with the use or inability to use the program or any product, material or result produced or otherwise obtained by using the program, regardless of whether they have been advised of, or otherwise had knowledge of, the possibility of such damages at any time during the project or thereafter. Each user will be deemed to have agreed to the foregoing by his or her commencement of use of the program. The term "use" as used herein includes, but is not limited to, the use, modification, copying and distribution of the program and the production of secondary products from the program.

In the case where the program, whether in its original form or modified, was distributed or delivered to or received by a user from any person, organization or entity other than ICOT, unless it makes or grants independently of ICOT any specific warranty to the user in writing, such person, organization or entity, will also be exempted from and not be held liable to the user for any such damages as noted above as far as the program is concerned.

=====

Nori Korean Morphological Analyzer - Apache Lucene Integration

=====

This software includes a binary and/or source version of data from mecab-ko-dic-2.0.3-20170922

which can be obtained from

<https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz>

The floating point precision conversion in NumericUtils.Float16Converter is derived from work by Jeroen van der Zijp, granted for use under the Apache license.

LZ4 and XxHash 1.8.0

Copyright © 2020 Adrien Grand and the lz4-java contributors.

LZ4 java 1.4.1

Copyright © Adrien Grand

Material Design Icons 3.0.1

Copyright © Google Inc.

material-icons 1.13.8

Copyright © Google Inc.

Maven Failsafe Plugin 3.2.3

Copyright © The Apache Software Foundation.

Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Metrics Core 4.2.15

Copyright 2010-2013 Coda Hale and Yammer, Inc., 2014-2020 Dropwizard Team

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Metrics Integration with JMX 4.2.7

Copyright © 2010-2013 Coda Hale, Yammer.com, 2014-2021 Dropwizard Team

Micrometer 1.10.9

Micrometer

Copyright © 2017-Present VMware, Inc. All Rights Reserved.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <https://www.apache.org/licenses/LICENSE-2.0> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

This product contains a modified portion of 'io.netty.util.internal.logging',

in the Netty/Common library distributed by The Netty Project:

Copyright 2013 The Netty Project

License: Apache License v2.0

Homepage: <https://netty.io>

This product contains a modified portion of 'StringUtils.isBlank()',

in the Commons Lang library distributed by The Apache Software Foundation:

Copyright 2001-2019 The Apache Software Foundation

License: Apache License v2.0

Homepage: <https://commons.apache.org/proper/commons-lang/>

This product contains a modified portion of 'JsonUtf8Writer',

in the Moshi library distributed by Square, Inc:

Copyright 2010 Google Inc.

License: Apache License v2.0

Homepage: <https://github.com/square/moshi>

This product contains a modified portion of the 'org.springframework.lang'

package in the Spring Framework library, distributed by VMware, Inc:

Copyright 2002-2019 the original author or authors.

License: Apache License v2.0

Homepage: <https://spring.io/projects/spring-framework>

Netty/Buffer 4.1.42.FINAL

Copyright © 2019 The Netty Project

Netty/Buffer 4.1.58.Final

Copyright © 2012 The Netty Project

Netty/Buffer 4.1.72.Final

Copyright © 2012 The Netty Project

Netty/Codec 4.1.42.Final

Copyright © 2019 The Netty Project

Netty/Codec 4.1.58.Final

Copyright © 2012 The Netty Project

Netty/Codec 4.1.72.Final

Copyright © 2019 The Netty Project

Netty/Codec/HTTP 4.1.107.Final

Copyright 2019 The Netty Project

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at: <https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitation under the License.

Netty/Codec/HTTP 4.1.58.Final

Copyright © 2012 The Netty Project

Netty/Codec/HTTP 4.1.72.Final

Copyright © 2012 The Netty Project

Netty/Common 4.1.42.Final

Copyright © 2019 The Netty Project

Netty/Common 4.1.58.Final

Copyright © 2012 The Netty Project

Netty/Common 4.1.72.Final

Copyright © 2012 The Netty Project

Netty/Handler 4.1.107.Final

Copyright © 2012 The Netty Project

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at: <https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Netty/Handler 4.1.42.FINAL

Copyright © 2019 The Netty Project

Netty/Handler 4.1.58.Final

Copyright © 2012 The Netty Project

Netty/Handler 4.1.79.Final

Copyright © 2012 The Netty Project

Netty/Http Codec 4.1.42.Final

Copyright © 2019 The Netty Project

Netty/Resolver 4.1.42.Final

Copyright © 2019 The Netty Project

Netty/Resolver 4.1.58.Final

Copyright © 2012 The Netty Project

Netty/Resolver 4.1.72.Final

Copyright © 2012 The Netty Project

Netty/Transport 4.1.42.Final

Copyright © 2019 The Netty Project

Netty/Transport 4.1.58.Final

Copyright © 2012 The Netty Project

Netty/Transport 4.1.72.Final

Copyright © 2012 The Netty Project

Netty/Transport/Native/Epoll 4.1.107.Final

Copyright 2014 The Netty Project

The Netty Project licenses this file to you under the Apache License, version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at:

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Netty/Transport/Native/Epoll 4.1.45.Final

Copyright 2014 The Netty Project

Netty TCNative classes 2.0.46.Final

Copyright 2021 The Netty Project

Netty TCNative classes 2.0.49.Final

Copyright 2021 The Netty Project

Nimbus JOSE+JWT 4.0

Copyright 2012 - 2020, Connect2id Ltd.

Nimbus JOSE+JWT 9.31

Nimbus JOSE + JWT

Copyright 2012 - 2022, Connect2id Ltd.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Nimbus JOSE+JWT 9.37.3

Nimbus JOSE + JWT

Copyright 2012 - 2022, Connect2id Ltd.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Objenesis 2.5.1

Copyright © 2006-2017 Joe Walnes, Henri Tremblay, Leonardo Mesquita

OGNL Object Graph Navigation Library 3.3.4

Copyright © 2001-2004 The OpenSymphony Group. All rights reserved.

ONT-API 2.1.0

Copyright © 2019, The University of Manchester, owl.cs group.

OpenSAML 4.3.0

Licensed to the University Corporation for Advanced Internet Development, Inc. (UCAID) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The UCAID licenses this file to You under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

OpenTest4J 1.2.0

Copyright 2015-2018 Open Test Alliance for the JVM

OWLAPI 5.1.19

Copyright © 2014, The University of Manchester

OWLAPI Distribution 5.1.19

Copyright © 2011, Clark & Parsia, LLC

Passay 1.6.1

Passay Java Library

Copyright © 2003-2021 Virginia Tech.

All rights reserved.

This product includes software developed at

Virginia Tech (<http://www.vt.edu>).

RabbitMQ Java Client Library AMQP 5.14.0

Copyright © 2007-2020 VMware, Inc. or its affiliates. All rights reserved.

REST 7.17.18

Elasticsearch

Copyright 2009-2021 Elasticsearch

This product includes software developed by The Apache Software Foundation (<http://www.apache.org/>).

This product includes software developed by [Joda.org](http://www.joda.org/) (<http://www.joda.org/>).

Restlet Core - API and Engine 2.4.3

Copyright © 2005-2020 Talend. All rights reserved.

Restlet Extension Servlet 2.3.4

Copyright © 2005-2014 Restlet. All rights reserved.

Restlet Extension SLF4J 2.4.3

Copyright © 2005-2020 Restlet.

Restlet Jackson Extension 2.4.3

Copyright © 2005-2020 Talent S.A.

Restlet Jetty Extension 2.4.3

Copyright 2005-2020 Talend

Restlet JSON Extension 2.4.3

Copyright 2005-2020 Talend

RoaringBitmap 0.9.45

Copyright 2013-2016 the RoaringBitmap authors

RoaringBitmap Shim 0.9.45

Copyright 2013-2016 the RoaringBitmap authors

roboto-fontface 0.10.0

Copyright 2013 Christian Hoffmeister

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License.

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

rotarySwitch 1.0.1

Copyright © 2014 Red White Silver GmbH

Rxjs 7.8.1

Copyright © 2014-2018 Google, Inc., RxJS Team Members and Contributors

RxJS 7.8.0

Copyright © 2015-2018 Google, Inc., Netflix, Inc., Microsoft Corp. and contributors

Scala3 Library Bootstrapped 3.1.1-RC1

Dotty (<https://dotty.epfl.ch>) Copyright 2012-2020 EPFL Copyright 2012-2020 Lightbend, Inc.

Licensed under the Apache License, Version 2.0 (the "License"): <http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

The dotty compiler frontend has been developed since November 2012 by Martin Odersky. It is expected and hoped for that the list of contributors to the codebase will grow quickly. Dotty draws inspiration and code from the original Scala compiler "nsc", which is developed at `scala/scala` [1].

The majority of the dotty codebase is new code, with the exception of the components mentioned below. We have for each component tried to come up with a list of the original authors in the `scala/scala` [1] codebase. Apologies if some major authors were omitted by oversight.

`dotty.tools.dotc.ast`: The syntax tree handling is mostly new, but some elements, such as the idea of tree copiers and the `TreeInfo` module, were adopted from `scala/scala` [1]. The original authors of these parts include Martin Odersky, Paul Phillips, Adriaan Moors, and Matthias Zenger.

`dotty.tools.dotc.classpath`: The classpath handling is taken mostly as is from `scala/scala` [1]. The original authors were Grzegorz Kossakowski, Micha Pocięcha, Lukas Rytz, Jason Zaugg and others.

`dotty.tools.dotc.config`: The configuration components were adapted and extended from `scala/scala` [1]. The original sources were authored by Paul Phillips with contributions from Martin Odersky, Miguel Garcia and others.

`dotty.tools.dotc.core`: The core data structures and operations are mostly new. Some parts (e.g. those dealing with names) were adapted from `scala/scala` [1]. These were originally authored by Martin Odersky, Adriaan Moors, Jason Zaugg, Paul Phillips, Eugene Burmako and others.

`dotty.tools.dotc.core.pickling`: The classfile readers were adapted from the current Scala compiler. Original authors were Martin Odersky, Iulian Dragos, Matthias Zenger and others.

`dotty.tools.dotc.parsing`: The lexical and syntactic analysis components were adapted from the current Scala compiler. They were originally authored by Martin Odersky, Burak Emir, Paul Phillips, Lex Spoon, Sean McDermid and others.

`dotty.tools.dotc.profile`: The per-phase profiling support is taken mostly as is from `scala/scala`. The original author was Mike Skells.

`dotty.tools.dotc.reporting`: Adapted from `scala/scala` [1] with some heavy modifications. They were originally authored by Matthias Zenger, Martin Odersky, and others.

`dotty.tools.dotc typer`: This is new code except for some minor components (e.g. the `ConstantFolder`). It uses however many solution details that have been developed over time by many people, including Jason Zaugg, Adriaan Moors, Lukas Rytz, Paul Phillips, Grzegorz Kossakowski, and others.

`dotty.tools.dotc.util`: The utilities package is a mix of new and adapted components. The files in `scala/scala` [1] were originally authored by many people, including Paul Phillips, Martin Odersky, Sean McDermid, and others.

`dotty.tools.io`: The I/O support library was adapted from current Scala compiler. Original authors were Paul Phillips and others.

`dotty.test.DottyBytecodeTest`: Is an adaptation of the bytecode testing from `scala/scala` [1]. It has been reworked to fit the needs of dotty. Original authors include: Adrian Moors, Lukas Rytz, Grzegorz Kossakowski, Paul Phillips.

`dotty.tools.dotc.sbt` and everything in `sbt-bridge`: The sbt compiler phases are based on [2] which attempts to integrate the sbt phases into scalac and is itself based on the compiler bridge in sbt 0.13 [3], but has been heavily adapted and refactored. Original authors were Mark Harrah, Grzegorz Kossakowski, Martin Duhem, Adriaan Moors and others.

`dotty.tools.dotc.plugins`: Adapted from `scala/scala` [1] with some modifications. They were originally authored by Lex Spoon, Som Snytt, Adriaan Moors, Paul Phillips and others.

`dotty.tools.scaladoc`: The Scaladoc documentation utility ships some third-party JavaScript and CSS libraries which are located under `scaladoc/resources/dotty_res/styles/`, `scaladoc/resources/dotty_res/scripts/`, `docs/css/` and `docs/js/`. Please refer to the license header of the concerned files for details.

The Dotty codebase contains parts which are derived from the ScalaPB protobuf library [4], which is under the Apache 2.0 license.

[1] <https://github.com/scala/scala> [2] <https://github.com/adriaanm/scala/tree/sbt-api-consolidate/src/compiler/scala/tools/sbt> [3] <https://github.com/sbt/sbt/tree/0.13/compile/interface/src/main/scala/xsbt> [4] <https://github.com/lampepfl/dotty/pull/5783/files>

Scala Java8 Compat 1.0.0

scala-java8-compat

Copyright © 2002-2021 EPFL

Copyright © 2011-2021 Lightbend, Inc.

scala-java8-compat includes software developed at

LAMP/EPFL (<https://lamp.epfl.ch/>) and

Lightbend, Inc. (<https://www.lightbend.com/>).

Licensed under the Apache License, Version 2.0 (the "License").

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Scala Library 2.13.3

Scala

Copyright © 2002-2020 EPFL

Copyright © 2011-2020 Lightbend, Inc.

Scala includes software developed at LAMP/EPFL (<https://lamp.epfl.ch/>) and Lightbend, Inc. (<https://www.lightbend.com/>).

Licensed under the Apache License, Version 2.0 (the "License"). Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

This software includes projects with other licenses -- see `doc/[LICENSE.md](#)`.

Scala Library 2.13.6

Scala

Copyright © 2002-2021 EPFL

Copyright © 2011-2021 Lightbend, Inc.

Scala includes software developed at LAMP/EPFL (<https://lamp.epfl.ch/>) and Lightbend, Inc. (<https://www.lightbend.com/>).

Licensed under the Apache License, Version 2.0 (the "License"). Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

This software includes projects with other licenses -- see `doc/[LICENSE.md](#)`.

Scala Parser Combinators 1.0.4

Copyright © 2002-2013 EPFL

Copyright © 2011-2013 Typesafe, Inc.

<p>Scala Parser Combinators 1.1.2</p> <p>Scala parser combinators</p> <p>Copyright © 2002-2019 EPFL</p> <p>Copyright © 2011-2019 Lightbend, Inc.</p> <p>Scala includes software developed at LAMP/EPFL (https://lamp.epfl.ch/) and Lightbend, Inc. (https://www.lightbend.com/).</p> <p>Licensed under the Apache License, Version 2.0 (the "License").</p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.</p> <p>See the License for the specific language governing permissions and limitations under the License.</p>
<p>Semargl 0.6.1</p> <p>Copyright © 2012-2013 the Semargl contributors.</p>
<p>Shaded Guava Artifact For Use In The DataStax Java Driver For Apache Cassandra® 25.1-jre-graal-sub-1</p> <p>Copyright © 2010 The Guava Authors.</p>
<p>Simple XML (safe) 2.7.1</p> <p>Copyright © 2008, Niall Gallagher <niallg@users.sf.net></p>
<p>SnakeYAML 2.2</p> <p>Copyright © 2008, SnakeYAML</p>
<p>SnakeYAML 1.30</p> <p>Copyright © 2008, SnakeYAML</p>
<p>SnakeYAML 2.0</p> <p>Copyright © 2008, SnakeYAML</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p>
<p>SparseBitSet 1.2</p> <p>This software is the work of Paladin Software International, Incorporated, based upon previous work done for and by Sun Microsystems, Inc.</p>
<p>Spring AOP 4.3.3.RELEASE</p> <p>Copyright 2002-2016 Pivotal Software, Inc.</p>
<p>Spring Beans 6.0.11</p> <p>Copyright 2002-2021 the original author or authors.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at https://www.apache.org/licenses/LICENSE-2.0</p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p>
<p>Spring Beans 6.0.17</p> <p>Spring Framework Authors</p> <p>Copyright 2002-2023 the original author or authors.</p> <p>Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at https://www.apache.org/licenses/LICENSE-2.0</p> <p>Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.</p>

Spring Boot 2.3.0.RELEASE

Copyright © 2012-2020 Pivotal, Inc.

Spring Boot AutoConfigure 2.3.0.RELEASE

Copyright © 2012-2019 Pivotal, Inc.

Spring Boot Logging Starter 2.3.0.RELEASE

Copyright © 2012-2020 Pivotal, Inc.

Spring Boot Starter 2.3.0.RELEASE

Spring Boot v2.3.0.RELEASE

Copyright © 2012-2020 Pivotal, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License"). You may not use this product except in compliance with the License.

Spring Context 4.3.3.RELEASE

Copyright 2002-2016 Pivotal Software, Inc.

Spring Core 4.3.3.RELEASE

Copyright 2002-2016 Pivotal Software, Inc.

Spring Core 6.0.11

Copyright 2002-2020 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Spring Core 6.0.17

Spring Framework Authors

Copyright 2002-2023 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Spring Data Core 2.7.18

Spring Data Commons 2.7.18 (2021.2.18)

Copyright © [2010-2021] Pivotal Software, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License").

You may not use this product except in compliance with the License.

This product may include a number of subcomponents with

separate copyright notices and license terms. Your use of the source

code for the these subcomponents is subject to the terms and

conditions of the subcomponent's license, as noted in the LICENSE file.

Spring Data For Apache Cassandra Core 3.4.18

Copyright 2018-2024 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

springdoc-openapi-starter-webmvc-ui 2.3.0

Copyright 2019-2023 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Spring Expression Language (SpEL) 4.3.3.RELEASE

Copyright 2002-2016 Pivotal Software, Inc.

Springfox-oas 3.0.0

Copyright 2015 Marty Pitt - [@martypitt](<https://github.com/martypitt>), Dilip Krishnan - [@dilipkrish](<https://github.com/dilipkrish>),

Adrian Kelly - [@adrianbk](<https://github.com/adrianbk>),

Spring Framework 6.1.2

Copyright © 2022 VMware, Inc. or its affiliates.

Spring JCL 6.0.17

[Spring Framework Authors]

Copyright 2002-2023 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

spring-plugin-core 2.0.0

Spring Plugin - Core 2.0.0.RELEASE

Copyright © [2008-2019] Pivotal Software, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License").

You may not use this product except in compliance with the License.

This product may include a number of subcomponents with

separate copyright notices and license terms. Your use of the source

code for the these subcomponents is subject to the terms and

conditions of the subcomponent's license, as noted in the LICENSE file.

spring-plugin-metadata 2.0.0

Spring Plugin - Metadata Extension 2.0.0.RELEASE

Copyright © [2008-2019] Pivotal Software, Inc.

This product is licensed to you under the Apache License, Version 2.0 (the "License").

You may not use this product except in compliance with the License.

This product may include a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the subcomponent's license, as noted in the LICENSE file.

Spring Security 6.2.2

The end-user documentation included with a redistribution, if any, must include the following acknowledgement:

"This product includes software developed by Spring Security

Project (<https://www.springframework.org/security>)."

Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.

The names "Spring", "Spring Security", "Spring Security System", "SpringSource", "Acegi", "Acegi Security", "Acegi Security System", "Acegi" or any derivatives thereof may not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact ben.alex@springsource.com.

Spring Security Config 6.2.2

The end-user documentation included with a redistribution, if any, must include the following acknowledgement:

"This product includes software developed by Spring Security

Project (<https://www.springframework.org/security>)."

Alternately, this acknowledgement may appear in the software itself, if and wherever such third-party acknowledgements normally appear.

The names "Spring", "Spring Security", "Spring Security System", "SpringSource", "Acegi", "Acegi Security", "Acegi Security System", "Acegi" or any derivatives thereof may not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact ben.alex@springsource.com.

Spring Security Config 4.1.3

Copyright 2002-2016 Pivotal Software, Inc.

Spring Security Core 4.1.3

Copyright 2002-2016 Pivotal Software, Inc.

Spring Security JWT Library 1.0.5.RELEASE

Copyright © 2005-2020 The Apache Software Foundation

Spring Security JWT Library 1.1.1.RELEASE

Copyright © 2002-2017 the original author or authors

Spring Security Web 6.2.2

The end-user documentation included with a redistribution, if any,
must include the following acknowledgement:

"This product includes software developed by Spring Security

Project (<https://www.springframework.org/security>)."

Alternately, this acknowledgement may appear in the software itself,
if and wherever such third-party acknowledgements normally appear.

The names "Spring", "Spring Security", "Spring Security System",
"SpringSource", "Acegi", "Acegi Security", "Acegi Security System",

"Acegi" or any derivatives thereof may not be used to endorse or

promote products derived from this software without prior written

permission. For written permission, please contact

ben.alex@springsource.com.

Spring Web 4.3.3.RELEASE

Copyright 2002-2016 Pivotal Software, Inc.

Spring Web 6.0.17

[Spring Framework Authors]

Copyright 2002-2023 the original author or authors.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<https://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Spring Web MVC 4.3.3.RELEASE

Copyright 2002-2016 Pivotal Software, Inc.

SSL Config Core 0.2.2

Copyright © 2009-2016 Lightbend Inc. <<https://www.lightbend.com>>

SSL Config Core 0.4.2

Copyright © 2015 - 2020 Lightbend Inc. <<https://www.lightbend.com>>

StAX API 1.0.1

Copyright © 2006 Aleksander Slominski, Chris Fry. All Rights Reserved.

Streaming API for XML (STAX API 1.0) 1.0.1

Apache Geronimo

Copyright 2003-2006 The Apache Software Foundation

This product includes software developed by

The Apache Software Foundation (<http://www.apache.org>).

String JCL 6.0.11

Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements.

See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to You under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <https://www.apache.org/licenses/LICENSE-2.0> Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

SuperCSV 1.52

Copyright © SimpleCSV

Swagger Annotations 2.2.19

Copyright 2015 SmartBear Software Inc.

Swagger Core Jakarta 2.2.19

Copyright © 2015. SmartBear Software Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

swagger-models 2.2.19

Copyright © 2015. SmartBear Software Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Swagger UI 3.51.2

Copyright 2020 SmartBear Software

T Digest 3.2

The code for the t-digest was originally authored by Ted Dunning

Adrien Grand contributed the heart of the AVLTreeDigest (<https://github.com/jpountz>)

Thymeleaf 3.1.2.RELEASE

Copyright © 2011-2022, The THYMELEAF team (<http://www.thymeleaf.org>)

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

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

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Thymeleaf Spring5 3.1.2.RELEASE

Copyright © 2011-2022, The THYMELEAF team (<http://www.thymeleaf.org>)

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Titanium JSON-LD 1.1 1.3.2

Copyright © 2020 Filip Kolarik

TSLint 6.1.3

Copyright 2013 Palantir Technologies, Inc.

Typesafe Config 1.3.0

Copyright © 2015 Typesafe Inc.

Typesafe Config 1.4.1

Copyright © 2015 Typesafe Inc.

TypeScript 5.1.3

Copyright © Microsoft Corporation. All rights reserved.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>

THIS CODE IS PROVIDED ON AN *AS IS* BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OR CONDITIONS OF TITLE, FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY OR NON-INFRINGEMENT.

See the Apache Version 2.0 License for specific language governing permissions and limitations under the License.

TypeScript 5.3.3

Copyright © Microsoft Corporation. All rights reserved.

The TypeScript software incorporates third party material from the projects listed below. The original copyright notice and the license under which Microsoft received such third party material are set forth below. Microsoft reserves all other rights not expressly granted, whether by implication, estoppel or otherwise.

Third Party Code Components

This file is based on or incorporates material from the projects listed below (collectively "Third Party Code"). Microsoft is not the original author of the Third Party Code. The original copyright notice and the license, under which Microsoft received such Third Party Code, are set forth below. Such licenses and notices are provided for informational purposes only. Microsoft, not the third party, licenses the Third Party Code to you under the terms set forth in the EULA for the Microsoft Product. Microsoft reserves all other rights not expressly granted under this agreement, whether by implication, estoppel or otherwise.

DefinitelyTyped

This project is licensed under the MIT license. Copyrights are respective of each contributor listed at the beginning of each definition file. Provided for Informational Purposes Only

MIT License

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 rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE

Unicode Data Files include all data files under the directories

<http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>,

<http://www.unicode.org/cldr/data/>, <http://source.icu-project.org/repos/icu/>, and
<http://www.unicode.org/utility/trac/browser/>.

Unicode Data Files do not include PDF online code charts under the
directory <http://www.unicode.org/Public/>.

Software includes any source code published in the Unicode Standard
or under the directories

<http://www.unicode.org/Public/>, <http://www.unicode.org/reports/>,
<http://www.unicode.org/cldr/data/>, <http://source.icu-project.org/repos/icu/>, and
<http://www.unicode.org/utility/trac/browser/>.

NOTICE TO USER: Carefully read the following legal agreement.

BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S
DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"),
YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE
TERMS AND CONDITIONS OF THIS AGREEMENT.

IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE
THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

Copyright © 1991-2017 Unicode, Inc. All rights reserved.

Distributed under the Terms of Use in <http://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining
a copy of the Unicode data files and any associated documentation
(the "Data Files") or Unicode software and any associated documentation
(the "Software") to deal in the Data Files or Software
without restriction, including without limitation the rights to use,
copy, modify, merge, publish, distribute, and/or sell copies of
the Data Files or Software, and to permit persons to whom the Data Files
or Software are furnished to do so, provided that either
(a) this copyright and permission notice appear with all copies
of the Data Files or Software, or
(b) this copyright and permission notice appear in associated
Documentation.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF
ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE
WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT OF THIRD PARTY RIGHTS.

IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS
NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL
DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE,
DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER
TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR

PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

DOM

W3C License

This work is being provided by the copyright holders under the following license.

By obtaining and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions.

Permission to copy, modify, and distribute this work, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following

on ALL copies of the work or portions thereof, including modifications:

- * The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.
- * Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, the W3C Software and Document Short Notice should be included.
- * Notice of any changes or modifications, through a copyright statement on the new code or document such as "This software or document includes material copied from or derived

from [title and URI of the W3C document]. Copyright © [YEAR] W3C® (MIT, ERCIM, Keio, Beihang)."

Disclaimers

THIS WORK IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR

FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENT WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENT.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the work without specific, written prior permission.

Title to copyright in this work will at all times remain with copyright holders.

DOM

Copyright © 2018 WHATWG (Apple, Google, Mozilla, Microsoft). This work is licensed under a Creative Commons Attribution 4.0 International License: Attribution 4.0 International

=====

Creative Commons Corporation ("Creative Commons") is not a law firm and does not provide legal services or legal advice. Distribution of Creative Commons public licenses does not create a lawyer-client or other relationship. Creative Commons makes its licenses and related information available on an "as-is" basis. Creative Commons gives no warranties regarding its licenses, any material licensed under their terms and conditions, or any related information. Creative Commons disclaims all liability for damages resulting from their use to the fullest extent possible. Using Creative Commons Public Licenses Creative Commons public licenses provide a standard set of terms and conditions that creators and other rights holders may use to share original works of authorship and other material subject to copyright and certain other rights specified in the public license below. The following considerations are for informational purposes only, are not exhaustive, and do not form part of our licenses. Considerations for licensors: Our public licenses are intended for use by those authorized to give the public permission to use material in ways otherwise restricted by copyright and certain other rights. Our licenses are irrevocable. Licensors should read and understand the terms and conditions of the license they choose before applying it. Licensors should also secure all rights necessary before applying our licenses so that the public can reuse the material as expected. Licensors should clearly mark any material not subject to the license. This includes other CC- licensed material, or material used under an exception or limitation to copyright. More considerations for licensors:

wiki.creativecommons.org/Considerations_for_licensors Considerations for the public: By using one of our public licenses, a licensor grants the public permission to use the licensed material under specified terms and conditions. If the licensor's permission is not necessary for any reason--for example, because of any applicable exception or limitation to copyright--then that use is not regulated by the license. Our licenses grant only permissions under copyright and certain other rights that a licensor has authority to grant. Use of the licensed material may still be restricted for other reasons, including because others have copyright or other rights in the material. A licensor may make special requests, such as asking that all changes be marked or described. Although not required by our licenses, you are encouraged to respect those requests where reasonable. More considerations for the public: wiki.creativecommons.org/Considerations_for_licensees =====

Creative Commons Attribution 4.0 International Public License By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the extent this Public License may

be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions.

Section 1 -- Definitions. a. Adapted Material means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image. b. Adapter's License means the license You apply to Your Copyright and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License. c. Copyright and Similar Rights means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights. d. Effective Technological Measures means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright Treaty adopted on December 20, 1996, and/or similar international agreements. e. Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material. f. Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License. g. Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license. h. Licensor means the individual(s) or entity(ies) granting rights under this Public License. i. Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution, dissemination, communication, or importation, and to make material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them. j. Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world. k. You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning.

Section 2 -- Scope. a. License grant. 1. Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to: a. reproduce and Share the Licensed Material, in whole or in part; and b. produce, reproduce, and Share Adapted Material. 2. Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions. 3. Term. The term of this Public License is specified in Section 6(a). 4. Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created, and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a) (4) never produces Adapted Material. 5. Downstream recipients. a. Offer from the Licensor -- Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License. b. No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material. 6. No endorsement. Nothing in this Public License constitutes or may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the Licensor or others designated to receive attribution as provided in Section 3(a)(1)(A)(i). b. Other rights. 1. Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity, privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise. 2. Patent and trademark rights are not licensed under this Public License. 3. To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties.

Section 3 -- License Conditions. Your exercise of the Licensed Rights is expressly made subject to the following conditions. a. Attribution. 1. If You Share the Licensed Material (including in modified form), You must: a. retain the following if it is supplied by the Licensor with the Licensed Material: i. identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated); ii. a copyright notice; iii. a notice that refers to this Public License; iv. a notice that refers to the disclaimer of warranties; v. a URI or hyperlink to the Licensed Material to the extent reasonably practicable; b. indicate if You modified the Licensed Material and retain an indication of any previous modifications; and c. indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License. 2. You may satisfy the conditions in Section 3(a)(1) in any reasonable manner based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information. 3. If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable. 4. If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License.

Section 4 -- Sui Generis Database Rights. Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the Licensed Material: a. for the avoidance of doubt, Section 2(a)(1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database; b. if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database Rights (but not its individual contents) is Adapted Material; and c. You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database. For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights.

Section 5 -- Disclaimer of Warranties and Limitation of Liability. a. UNLESS OTHERWISE SEPARATELY UNDERTAKEN BY THE LICENSOR, TO THE EXTENT POSSIBLE, THE LICENSOR OFFERS THE LICENSED MATERIAL AS-IS AND AS-AVAILABLE, AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE LICENSED MATERIAL, WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHER. THIS INCLUDES, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OR ABSENCE OF ERRORS, WHETHER OR NOT KNOWN OR DISCOVERABLE. WHERE DISCLAIMERS OF WARRANTIES ARE NOT ALLOWED IN FULL OR IN PART, THIS DISCLAIMER MAY NOT APPLY TO YOU. b. TO THE EXTENT POSSIBLE, IN NO EVENT WILL THE LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY (INCLUDING, WITHOUT LIMITATION, NEGLIGENCE) OR OTHERWISE FOR ANY DIRECT, SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, EXEMPLARY, OR OTHER LOSSES, COSTS, EXPENSES, OR DAMAGES ARISING OUT OF THIS PUBLIC LICENSE OR USE OF THE LICENSED MATERIAL, EVEN IF THE LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSSES, COSTS, EXPENSES, OR DAMAGES. WHERE A LIMITATION OF LIABILITY IS NOT ALLOWED IN FULL OR IN PART, THIS LIMITATION MAY NOT APPLY TO YOU. c. The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability.

Section 6 -- Term and Termination. a. This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with this Public License, then Your rights under this Public License terminate automatically. b. Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates: 1. automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or 2. upon express reinstatement by the Licensor. For the avoidance of doubt, this Section 6(b) does not affect any right the Licensor may have to seek remedies for Your violations of this Public License. c. For the avoidance of doubt, the Licensor may also offer the Licensed Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this Public License. d. Sections 1, 5, 6, 7, and 8 survive termination of this Public License.

Section 7 -- Other Terms and Conditions. a. The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed. b. Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and

conditions of this Public License. Section 8 -- Interpretation. a. For the avoidance of doubt, this Public License does not, and shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License. b. To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the minimum extent necessary to make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions. c. No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor. d. Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.

===== Creative Commons is not a party to its public licenses. Notwithstanding, Creative Commons may elect to apply one of its public licenses to material it publishes and in those instances will be considered the "Licensor." Except for the limited purpose of indicating that material is shared under a Creative Commons public license or as otherwise permitted by the Creative Commons policies published at creativecommons.org/policies, Creative Commons does not authorize the use of the trademark "Creative Commons" or any other trademark or logo of Creative Commons without its prior written consent including, without limitation, in connection with any unauthorized modifications to any of its public licenses or any other arrangements, understandings, or agreements concerning use of licensed material. For the avoidance of doubt, this paragraph does not form part of the public licenses. Creative Commons may be contacted at creativecommons.org.

Web Background Synchronization Specification

Portions of spec © by W3C

W3C Community Final Specification Agreement

To secure commitments from participants for the full text of a Community or Business Group Report, the group may call for voluntary commitments to the following terms; a "summary" is

available. See also the related "W3C Community Contributor License Agreement".

1. The Purpose of this Agreement.

This Agreement sets forth the terms under which I make certain copyright and patent rights available to you for your implementation of the Specification.

Any other capitalized terms not specifically defined herein have the same meaning as those terms have in the "W3C Patent Policy", and if not defined there, in the "W3C Process Document".

2. Copyrights.

2.1. Copyright Grant. I grant to you a perpetual (for the duration of the applicable copyright), worldwide, non-exclusive, no-charge, royalty-free, copyright license, without any obligation for accounting to me, to reproduce, prepare derivative works of, publicly display, publicly perform, sublicense, distribute, and implement the Specification to the full extent of my copyright interest in the Specification.

2.2. Attribution. As a condition of the copyright grant, you must include an attribution to the Specification in any derivative work you make based on the Specification. That attribution must include, at minimum, the Specification name and version number.

3. Patents.

3.1. Patent Licensing Commitment. I agree to license my Essential Claims under the W3C Community RF Licensing Requirements. This requirement includes Essential Claims that I own and any that I have the right to license without obligation of payment or other consideration to an unrelated third party. W3C Community RF Licensing Requirements obligations made concerning the Specification and described in this policy are binding on me for the life of the patents in question and encumber the patents containing Essential Claims, regardless of changes in participation status or W3C Membership. I also agree to license my Essential Claims under the W3C Community RF Licensing Requirements in derivative works of the Specification so long as all normative portions of the Specification are maintained and that this licensing commitment does not extend to any portion of the derivative work that was not included in the Specification.

3.2. Optional, Additional Patent Grant. In addition to the provisions of Section 3.1, I may also, at my option, make certain intellectual property rights infringed by implementations of the Specification, including Essential Claims, available by providing those terms via the W3C Web site.

4. No Other Rights. Except as specifically set forth in this Agreement, no other express or implied patent, trademark, copyright, or other property rights are granted under this Agreement, including by implication, waiver, or estoppel.

5. Antitrust Compliance. I acknowledge that I may compete with other participants, that I am under no obligation to implement the Specification, that each participant is free to develop competing technologies and standards, and that each party is free to license its patent rights to third parties, including for the purpose of enabling competing technologies and standards.

6. Non-Circumvention. I agree that I will not intentionally take or willfully assist any third party to take any action for the purpose of circumventing my obligations under this Agreement.

7. Transition to W3C Recommendation Track. The Specification developed by the Project may transition to the W3C Recommendation Track. The W3C Team is responsible for notifying me that a Corresponding Working Group has been chartered. I have no obligation to join the Corresponding Working Group. If the Specification developed by the Project transitions to the W3C Recommendation Track, the following terms apply:

7.1. If I join the Corresponding Working Group. If I join the Corresponding Working Group, I will be subject to all W3C rules, obligations, licensing commitments, and policies that govern that Corresponding Working Group.

7.2. If I Do Not Join the Corresponding Working Group.

7.2.1. Licensing Obligations to Resulting Specification. If I do not join the Corresponding Working Group, I agree to offer patent licenses according to the W3C Royalty-Free licensing requirements described in Section 5 of the W3C Patent Policy for the portions of the Specification included in the resulting Recommendation. This licensing commitment does not extend to any portion of an implementation of the Recommendation that was not included in the Specification. This licensing commitment may not be revoked but may be modified through the exclusion process defined in Section 4 of the W3C Patent Policy. I am not required to join the Corresponding Working Group to exclude patents from the W3C Royalty-Free licensing commitment, but must otherwise follow the normal exclusion procedures defined by the W3C Patent Policy. The W3C Team will notify me of any Call for Exclusion in the Corresponding Working Group as set forth in Section 4.5 of the W3C Patent Policy.

7.2.2. No Disclosure Obligation. If I do not join the Corresponding Working Group, I have no patent disclosure obligations outside of those set forth in Section 6 of the W3C Patent Policy.

8. Conflict of Interest. I will disclose significant relationships when those relationships might reasonably be perceived as creating a conflict of interest with my role. I will notify W3C of any change in my affiliation using W3C-provided mechanisms.

9. Representations, Warranties and Disclaimers. I represent and warrant that I am legally entitled to grant the rights and promises set forth in this Agreement. IN ALL OTHER RESPECTS THE SPECIFICATION IS PROVIDED "AS IS." The entire risk as to implementing or otherwise using the Specification is assumed by the implementer and user. Except as stated herein, I expressly disclaim any warranties (express, implied, or otherwise), including implied warranties of merchantability, non-infringement, fitness for a particular purpose, or title, related to the Specification. IN NO EVENT WILL ANY PARTY BE LIABLE TO ANY OTHER PARTY FOR LOST PROFITS OR ANY FORM OF INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER FROM ANY CAUSES OF ACTION OF ANY KIND WITH RESPECT TO THIS AGREEMENT, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, AND WHETHER OR NOT THE OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. All of my obligations under Section 3 regarding the transfer, successors in interest, or assignment of Granted Claims will be satisfied if I notify the transferee or assignee of any patent that I know contains Granted Claims of the obligations under Section 3. Nothing in this Agreement requires me to undertake a patent search.

10. Definitions.

10.1. Agreement. "Agreement" means this W3C Community Final Specification Agreement.

10.2. Corresponding Working Group. "Corresponding Working Group" is a W3C Working Group that is chartered to develop a Recommendation, as defined in the W3C Process Document, that takes the Specification as an input.

10.3. Essential Claims. "Essential Claims" shall mean all claims in any patent or patent application in any jurisdiction in the world that would necessarily be infringed by implementation of the Specification. A claim is necessarily infringed hereunder only when it is not possible to avoid infringing it because there is no non-infringing alternative for implementing the normative portions of the Specification. Existence of a non-infringing alternative shall be judged based on the state of the art at the time of the publication of the Specification. The following are expressly excluded from and shall not be deemed to constitute Essential Claims:

10.3.1. any claims other than as set forth above even if contained in the same patent as Essential Claims; and

10.3.2. claims which would be infringed only by:

portions of an implementation that are not specified in the normative portions of the Specification, or

enabling technologies that may be necessary to make or use any product or portion thereof that complies with the Specification and are not themselves expressly set forth in the Specification (e.g., semiconductor manufacturing technology, compiler technology, object-oriented technology, basic operating system technology, and the like); or

the implementation of technology developed elsewhere and merely incorporated by reference in the body of the Specification.

10.3.3. design patents and design registrations.

For purposes of this definition, the normative portions of the Specification shall be deemed to include only architectural and interoperability requirements. Optional features in the RFC 2119 sense are considered normative unless they are specifically identified as informative. Implementation examples or any other material that merely illustrate the requirements of the Specification are informative, rather than normative.

10.4. I, Me, or My. "I," "me," or "my" refers to the signatory.

10.5 Project. "Project" means the W3C Community Group or Business Group for which I executed this Agreement.

10.6. Specification. "Specification" means the Specification identified by the Project as the target of this agreement in a call for Final Specification Commitments. W3C shall provide the authoritative mechanisms for the identification of this Specification.

10.7. W3C Community RF Licensing Requirements. "W3C Community RF Licensing Requirements" license shall mean a non-assignable, non-sublicensable license to make, have made, use, sell, have sold, offer to sell, import, and distribute and dispose of implementations of the Specification that:

10.7.1. shall be available to all, worldwide, whether or not they are W3C Members;

10.7.2. shall extend to all Essential Claims owned or controlled by me;

10.7.3. may be limited to implementations of the Specification, and to what is required by the Specification;

10.7.4. may be conditioned on a grant of a reciprocal RF license (as defined in this policy) to all Essential Claims owned or controlled by the licensee. A reciprocal license may be required to be available to all, and a reciprocal license may itself be conditioned on a further reciprocal license from all.

10.7.5. may not be conditioned on payment of royalties, fees or other consideration;

10.7.6. may be suspended with respect to any licensee when licensor issued by licensee for infringement of claims essential to implement the Specification or any W3C Recommendation;

10.7.7. may not impose any further conditions or restrictions on the use of any technology, intellectual property rights, or other restrictions on behavior of the licensee, but may include reasonable, customary terms relating to operation or maintenance of the license relationship such as the following: choice of law and dispute resolution;

10.7.8. shall not be considered accepted by an implementer who manifests an intent not to accept the terms of the W3C Community RF Licensing Requirements license as offered by the licensor.

10.7.9. The RF license conforming to the requirements in this policy shall be made available by the licensor as long as the Specification is in effect. The term of such license shall be for the life of the patents in question.

I am encouraged to provide a contact from which licensing information can be obtained and other relevant licensing information. Any such information will be made publicly available.

10.8. You or Your. "You," "you," or "your" means any person or entity who exercises copyright or patent rights granted under this Agreement, and any person that person or entity controls.

Copyright © 2018 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

TypeScript 4.7.4

Copyright © Microsoft Corporation. All rights reserved.

UNBESCAPE 1.1.6.RELEASE

Copyright © 2014-2017, The UNBESCAPE team (<http://www.unbescape.org>)

Uncommons Maths 1.2.2

Copyright © 2006 - 2012 Daniel W. Dyer

velocity-engine-core 2.3

Apache Velocity - Engine

Copyright 2000-2020 The Apache Software Foundation

This product includes software developed at The Apache Software Foundation (<http://www.apache.org/>).

Versions Maven Plugin 2.16.2

Copyright © Codehaus Mojo Project Contributors

Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

webstomp-client 1.2.6

Copyright © 2010-2015 Jean-Frédéric Mesnil

Copyright © 2016 Jérôme Steunou

Woodstox 4.1.4

Copyright © 2004-2018, Woodstox Project (<http://woodstox.codehaus.org/>). All rights reserved.

Woodstox 6.2.4

Copyright © 2004- Tatu Saloranta, tatu.saloranta@iki.fi

Woodstox Core 6.6.1

Copyright © 2004- Tatu Saloranta, tatu.saloranta@iki.fi

Copyright © 2007-present the original author or authors.

Woodstox-core-asl 4.4.1

Copyright © Tatu Saloranta

This copy of Woodstox XML processor 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/>

A copy is also included with both the the downloadable source code package and jar that contains class bytecodes, as file "ASL 2.0". In both cases, that file should be located next to this file: in source distribution

the location should be "release-notes/asl"; and in jar "META-INF"

This product currently only contains code developed by authors of specific components, as identified by the source code files.

Since product implements StAX API, it has dependencies to StAX API classes.

For additional credits (generally to people who reported problems) see CREDITS file.

Xalan Java Serializer 2.7.2

Copyright © 1999-2002 The Apache Software Foundation (<http://www.apache.org/>).

Copyright © 1999-2002, Lotus Development Corporation., <http://www.lotus.com>.

Copyright © 2001-2002, Sun Microsystems., <http://www.sun.com>.

Copyright © 2003, IBM Corporation., <http://www.ibm.com>.

Xerces2 J 2.12.0

Copyright © 2005-2021 The Apache Software Foundation

Xerces2 J 2.12.2

Apache Xerces Java

Copyright 1999-2022 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Portions of this software were originally based on the following:

- software copyright © 1999, IBM Corporation., <http://www.ibm.com>.
- software copyright © 1999, Sun Microsystems., <http://www.sun.com>.
- voluntary contributions made by Paul Eng on behalf of the Apache Software Foundation that were originally developed at iClick, Inc., software copyright © 1999.

Xerces2 J 2.4.0

Copyright © 2005-2020 The Apache Software Foundation

xlsx-with-styles 0.17.2

Copyright © 2013-present SheetJS

XML APIs 1.4.01

Copyright 1999-2009 The Apache Software Foundation.

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Portions of this software were originally based on the following:

- software copyright © 1999, IBM Corporation., <http://www.ibm.com>.
- software copyright © 1999, Sun Microsystems., <http://www.sun.com>.
- software copyright © 2000 World Wide Web Consortium, <http://www.w3.org>

XML Resolver 4.4.3

Copyright 2015 Norman Walsh and contributors.

XMLTooling-J 1.4.6

Copyright © 2005-2014, University Corporation for Advanced Internet Development, Inc.

Zip4J 2.6.4

Copyright © 2010 Srikanth Reddy Lingala

Under [BSD 2-Clause "Simplified" License](#):

@typescript-eslint 5.59.11

TypeScript ESLint

Originally extracted from:

TypeScript ESLint Parser

Copyright JS Foundation and other contributors, <https://js.foundation>

@typescript-eslint 6.19.0

typescript-eslint

Originally extracted from:

TypeScript ESLint Parser

Copyright JS Foundation and other contributors, <https://js.foundation>

@typescript-eslint 5.49.0

TypeScript ESLint

Originally extracted from:

TypeScript ESLint Parser

Copyright JS Foundation and other contributors, <https://js.foundation>

com4j 2.1

Copyright © 2003, Kohsuke Kawaguchi

dk.brics.automaton 1.11-8

Copyright © 2001-2011 Anders Møller

Stax2 API 3.1.1

Copyright © 2005- 2018, Tatu Saloranta, tatu.saloranta@iki.fi

Stax2 API 4.2.1

Copyright © 2008 FasterXML LLC

Under [BSD 3-Clause "New" or "Revised" License](#):

ANTLR 4 Runtime Annotations 4.9.0

Copyright © 2012 Terence Parr and Sam Harwell

All rights reserved.

ANTLR Runtime 3.5

Copyright © 2010 Terence Parr

ANTLR Runtime 4.9

Copyright © 2012 The ANTLR Project. All rights reserved. Use of this file is governed by the BSD-3-Clause license that can be found in the LICENSE.txt file in the project root.

Apache Jena 4.10.0

Apache Jena

Copyright 2011-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Portions of this software were originally based on the following:

- Copyright 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Hewlett-Packard Development Company, LP

- Copyright 2010, 2011 Epimorphics Ltd.

- Copyright 2010, 2011 Talis Systems Ltd.

These have been licensed to the Apache Software Foundation under a software grant.

This product includes software developed by

PluggedIn Software under a BSD license.

This product includes software developed by Mort Bay Consulting Pty. Ltd.

Copyright © 2004-2009 Mort Bay Consulting Pty. Ltd.

under an Apache License.

Portions of this software are from Apache Xerces and were originally based on the following:

- software copyright © 1999, IBM Corporation., <http://www.ibm.com>.

- software copyright © 1999, Sun Microsystems., <http://www.sun.com>.

This product includes software developed at the Open Geospatial Consortium:

<http://www.opengeospatial.org/ogc/software>

ASM 9.2.0

ASM: a very small and fast Java bytecode manipulation framework

Copyright © 2000-2011 INRIA, France Telecom.

All rights reserved.

ASM 3.3.1

Copyright © 2000-2011 INRIA, France Telecom. All rights reserved.

ASM 9.4

ASM: a very small and fast Java bytecode manipulation framework

Copyright © 2000-2011 INRIA, France Telecom

All rights reserved.

ASM 5.0.4

Copyright © 2000-2011 INRIA, France Telecom

ASM 9.6

ASM: a very small and fast Java bytecode manipulation framework

Copyright © 2000-2011 INRIA, France Telecom

All rights reserved.

asm-analysis 9.2

ASM: a very small and fast Java bytecode manipulation framework

Copyright © 2000-2011 INRIA, France Telecom.

All rights reserved.

ASM Commons 9.4

ASM: a very small and fast Java bytecode manipulation framework

Copyright © 2000-2011 INRIA, France Telecom

All rights reserved.

asm-commons 9.2

ASM: a very small and fast Java bytecode manipulation framework

Copyright © 2000-2011 INRIA, France Telecom.

All rights reserved.

ASM Tree 9.4

ASM: a very small and fast Java bytecode manipulation framework

Copyright © 2000-2011 INRIA, France Telecom

All rights reserved.

asm-tree 9.2

ASM: a very small and fast Java bytecode manipulation framework

Copyright © 2000-2011 INRIA, France Telecom.

All rights reserved.

asm-util 9.2

ASM: a very small and fast Java bytecode manipulation framework

Copyright © 2000-2011 INRIA, France Telecom.

All rights reserved.

Basic Formal Ontology (BFO) 2.0

Copyright © Barry Smith and Pierre Grenon

Basic Formal Ontology (BFO) 2020

Copyright © Barry Smith and Pierre Grenon

Curvesapi 1.06

Copyright © 2005, Graph Builder. All rights reserved.

Curvesapi 1.07

Copyright © 2005, Graph Builder. All rights reserved.

FindBugs JSR305 3.0.2

Copyright © 2007-2017, JSR305 expert group

All rights reserved.

Hamcrest 1.3

Copyright © 2000-2006, www.hamcrest.org

All rights reserved.

jakarta.xml.bind-api 4.0.0

Copyright © 2018, 2022 Oracle and/or its affiliates. All rights reserved.

Jakarta Activation API 2.1.2

Copyright © 1997, 2021 Oracle and/or its affiliates. All rights reserved.

jaxb-runtime 4.0.3

Copyright © 2018 Oracle and/or its affiliates. All rights reserved.

Jaxen 1.1.4

Copyright 2003-2006 The Werken Company. All Rights Reserved.

jsonld-java 0.13.3

Copyright © 2012, Deutsche Forschungszentrum für Künstliche Intelligenz GmbH

Copyright © 2012-2017, JSONLD-Java contributors

All rights reserved.

jSSLutils 1.0.5

Copyright © 2008-2010, The University of Manchester, United Kingdom.

All rights reserved.

kryo 4.0.2

Copyright © 2008-2018, Nathan Sweet All rights reserved.

Kryo-shaded 4.0.2

Copyright © 2008, Nathan Sweet. All rights reserved.

Minlog 1.3.0

Copyright © 2008, Nathan Sweet. All rights reserved.

Prefuse -

Copyright © 2004-2011 Regents of the University of California. All rights reserved.

Protocol Buffers [Core] 3.23.3

Protocol Buffers - Google's data interchange format

Copyright 2008 Google Inc. All rights reserved.

<https://developers.google.com/protocol-buffers/>

ReflectASM 1.11.3

Copyright © 2008, Nathan Sweet. All rights reserved.

Rhino JS Engine 1.7R4

Copyright © Alexander Bunkenburg

Scala Java8 Compat 0.8.0

Copyright © 2002-2013 EPFL

Copyright © 2011-2013 Typesafe, Inc.

Scala Java8 Compat 0.9.0

Copyright © 2002-2018 EPFL

Copyright © 2011-2018 Lightbend, Inc.

Scala Library 2.12.4

Copyright © 2002-2017 EPFL

Copyright © 2011-2017 Lightbend, Inc.

scala-parser-combinators 1.0.4

Copyright © 2002-2013 EPFL

Copyright © 2011-2013 Typesafe, Inc.

scala-parser-combinators 1.1.2

Copyright © 2002-2013 EPFL

Copyright © 2011-2013 Typesafe, Inc.

sesame-model 4.0.2

Copyright Aduna (<http://www.aduna-software.com/>) 2001-2013 All rights reserved.

sesame-rio 4.0.2

Copyright Aduna (<http://www.aduna-software.com/>) 2001-2013 All rights reserved.

sesame-utils 4.0.2

Copyright Aduna (<http://www.aduna-software.com/>) 2001-2013 All rights reserved.

XStream 1.4.20

Copyright © 2003-2006, Joe Walnes

Copyright © 2006-2019, XStream Committers

All rights reserved.

Under [BSD Zero Clause License](#):

TSlib 2.6.2

Copyright © Microsoft Corporation.

TSlib 2.4.1

Copyright © Microsoft Corporation.

Under [Creative Commons Zero v1.0 Universal](#):

HdrHistogram 2.1.12

Copyright © 2012, 2013, 2014, 2015, 2016 Gil Tene

Copyright © 2014 Michael Barker

Copyright © 2014 Matt Warren

All rights reserved.

Under [Eclipse Distribution License - v 1.0](#):

Angus Activation Registries 2.0.2

Copyright © 1997, 2024 Oracle and/or its affiliates. All rights reserved.

Apache Jena 4.10.0

Apache Jena

Copyright 2011-2023 The Apache Software Foundation

This product includes software developed at

The Apache Software Foundation (<http://www.apache.org/>).

Portions of this software were originally based on the following:

- Copyright 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009 Hewlett-Packard Development Company, LP
- Copyright 2010, 2011 Epimorphics Ltd.
- Copyright 2010, 2011 Talis Systems Ltd.

These have been licensed to the Apache Software Foundation under a software grant.

This product includes software developed by

PluggedIn Software under a BSD license.

This product includes software developed by Mort Bay Consulting Pty. Ltd.

Copyright © 2004-2009 Mort Bay Consulting Pty. Ltd.

under an Apache License.

Portions of this software are from Apache Xerces and were originally based on the following:

- software copyright © 1999, IBM Corporation., <http://www.ibm.com>.
- software copyright © 1999, Sun Microsystems., <http://www.sun.com>.

This product includes software developed at the Open Geospatial Consortium:

<http://www.opengeospatial.org/ogc/software>

Jakarta Activation API 1.2.1

Notices for Eclipse Project for JAF

This content is produced and maintained by the Eclipse Project for JAF project.

* Project home: <https://projects.eclipse.org/projects/ee4j.jaf>

Copyright

All content is the property of the respective authors or their employers. For more information regarding authorship of content, please consult the listed source code repository logs.

Declared Project Licenses

This program and the accompanying materials are made available under the terms of the Eclipse Distribution License v. 1.0, which is available at <http://www.eclipse.org/org/documents/edl-v10.php>.

SPDX-License-Identifier: BSD-3-Clause

Source Code

The project maintains the following source code repositories:

* <https://github.com/eclipse-ee4j/jaf>

Third-party Content

This project leverages the following third party content.

JUnit (4.12)

* License: Eclipse Public License

Jakarta Activation API 1.2.2

Copyright © 1997, 2019 Oracle and/or its affiliates. All rights reserved.

<p>Jakarta XML Binding API 2.3.2</p> <p>Copyright © 2018 Oracle and/or its affiliates. All rights reserved.</p>
<p>Jakarta XML Binding API 2.3.3</p> <p>Copyright © 2018, 2020 Oracle and/or its affiliates. All rights reserved.</p>
<p>javax.persistence 1.0.0.201301151508</p> <p>Copyright © 2005-2020 Oracle and/or its affiliates. All rights reserved.</p>
<p>RDF4J : Client Libraries 3.4.3</p> <p>Copyright © 2007, Eclipse Foundation, Inc. and its licensors.</p> <p>Copyright © Aduna (http://www.aduna-software.com/) 2001-2013</p> <p>All rights reserved.</p>
<p>RDF4J: Rio - HDT 3.4.3</p> <p>Copyright © 2020 Eclipse RDF4J contributors.</p>
<p>Under ISC License:</p>
<p>D3.js 7.8.2</p> <p>Copyright 2010-2023 Mike Bostock</p>
<p>Under JSON License:</p>
<p>JSON in Java 1.0</p> <p>Copyright © 2002 JSON.org</p>
<p>Under MIT License:</p>
<p>@angular 16.1.0</p> <p>Copyright © 2010-2023 Google LLC. https://angular.io/license</p>
<p>@angular 17.1.0</p> <p>Copyright © 2010-2023 Google LLC. https://angular.io/license</p>
<p>@angular/material 10.2.7</p> <p>Copyright © 2020 Google LLC.</p>
<p>@angular - components 16.1.0</p> <p>Copyright © 2023 Google LLC.</p>
<p>@angular - components 10.2.7</p> <p>Copyright © 2020 Google LLC.</p>
<p>@angular-devkit/build-angular 16.1.0</p> <p>Copyright © 2017 Google, Inc.</p>
<p>@angular-devkit/build-angular 17.1.0</p> <p>Copyright © 2017 Google, Inc.</p>
<p>@angular-eslint 16.0.3</p> <p>Copyright © 2020 James Henry</p>
<p>@angular-material-components/color-picker 7.0.1</p> <p>Copyright © 2020 HO Hong Quan</p>
<p>@ng-matero/extensions 16.0.2</p> <p>Copyright © 2019 Zongbin</p>

@ngrx 17.1.0
Copyright © 2017-2023 Brandon Roberts, Mike Ryan, Victor Savkin, Rob Wormald
@ngx-translate/core 15.0.0
Copyright © 2023 Olivier Combe
@ngx-translate/http-loader 8.0.0
Copyright © 2018 Olivier Combe
@types/angular 1.8.1
Copyright © 2021 Diego Vilar, Georgii Dolzhykov, Caleb St-Denis, Leonard Thieu, Steffen Kowalski, and Piotr Baejewicz.
@types/angular-mocks 1.7.1
Copyright © Diego Vilar https://github.com/diegovilar , Tony Curtis https://github.com/daltin , Georgii Dolzhykov https://github.com/thorn0 .
@types/angular-mocks 1.7.0
Copyright © 2020 Diego Vilar https://github.com/diegovilar , Tony Curtis https://github.com/daltin , Georgii Dolzhykov https://github.com/thorn0 .
@types/crypto-js 4.1.1
Copyright © Michael Zabka, Max Lysenko, and Brendan Early.
@types/hammerjs 2.0.41
Copyright © 2021 Philip Bulley https://github.com/milkisevil , Han Lin Yap https://github.com/codler .
@types/jasmine 4.3.2
Copyright © 2022 Boris Yankov, Theodore Brown, David Pärsson, Lukas Zech, Boris Breuer, Chris Yungmann, Giles Roadnight, Yaroslav Admin, Domas Trijonis, Moshe Kolodny, Stephen Farrar, Dominik Ehrenberg, Chives, kirjs, and Md. Enzam Hossain.
@types/jasmine 5.1.4
Copyright © Microsoft Corporation
@types/jasminewd2 2.0.10
Copyright © 2021 Sammy Jelin, and George Kalpakas.
@types/node 18.7.11
Copyright © 2022 Microsoft TypeScript, DefinitelyTyped, Alberto Schiabel, Alvis HT Tang, Andrew Makarov, Benjamin Toueg, Chigozirim C., David Junger, Deividas Bakanas, Eugene Y. Q. Shen, Hannes Magnusson, Huw, Kelvin Jin, Klaus Meinhardt, Lishude, Mariusz Wiktorczyk, Mohsen Azimi, Nicolas Even, Nikita Galkin, Parambir Singh, Sebastian Silbermann, Simon Schick, Thomas den Hollander, Wilco Bakker, wwwy3y3, Samuel Ainsworth, Kyle Uehlein, Thanik Bhongbhibhat, Marcin Kopacz, Trivikram Kamat, Junxiao Shi, Iliia Baryshnikov, ExE Boss, Piotr Baejewicz, Anna Henningsen, Victor Perin, Yongsheng Zhang, NodeJS Contributors, Linus Unneback, wafuwafu13, and Matteo Collina.
@types/node 20.11.5
Copyright © Microsoft Corporation.
Animal Sniffer Annotations 1.14
Copyright © 2009 codehaus.org .
bcpkix-jdk18on 1.77
Copyright © 2000 - 2023 The Legion of the Bouncy Castle Inc. (https://www.bouncycastle.org)
Bootstrap 5.1.3
Copyright © 2011-2021 Twitter, Inc.
Copyright © 2011-2021 The Bootstrap Authors
Bouncy Castle PKIX, CMS, EAC, TSP, PKCS, OCSP, CMP, and CRMF APIs 1.77
Copyright © 2000-2023 The Legion of the Bouncy Castle Inc. (https://www.bouncycastle.org)
Bouncy Castle PKIX, CMS, EAC, TSP, PKCS, OCSP, CMP, and CRMF APIs 1.68
Copyright © 2000 - 2021 The Legion of the Bouncy Castle Inc. (https://www.bouncycastle.org)

<p>Bouncy Castle Provider 1.77</p> <p>Copyright © 2000-2023 The Legion of the Bouncy Castle Inc. (https://www.bouncycastle.org)</p>
<p>Bouncy Castle Provider 1.68</p> <p>Copyright © 2000 - 2021 The Legion of the Bouncy Castle Inc. (https://www.bouncycastle.org)</p>
<p>Bouncy Castle Provider (bcprov-jdk15on) 1.70</p> <p>Copyright © 2000-2021 The Legion of the Bouncy Castle Inc. (https://www.bouncycastle.org)</p>
<p>Bouncy Castle Provider (bcprov-jdk18on) 1.74</p> <p>Copyright © 2000-2023 The Legion of the Bouncy Castle Inc. (https://www.bouncycastle.org)</p>
<p>Bouncy Castle Provider Extension 1.77</p> <p>Copyright © 2013-2023 Legion of the Bouncy Castle Inc. All rights reserved.</p>
<p>Build Helper Maven Plugin 3.4.0</p> <p>Copyright © 2004, The Codehaus</p>
<p>Build Number Maven Plugin 3.2.0</p> <p>Copyright © 2005 Learning Commons, University of Calgary</p>
<p>Checker Qual 3.12.0</p> <p>Copyright 2004-present by the Checker Framework developers</p>
<p>Checker Qual 3.33.0</p> <p>Checker Framework qualifiers</p> <p>Copyright © 2004-present by the Checker Framework developers</p>
<p>Checker Qual 3.5.0</p> <p>Copyright 2004-present by the Checker Framework developers</p>
<p>codelyzer 6.0.2</p> <p>Copyright © 2016 Minko Gechev</p>
<p>com.eaio.uuid 3.2.0</p> <p>Copyright © 2003-2009 Johann Burkard (jb@eaio.com) http://eaio.com.</p>
<p>Core-JS 3.25.0</p> <p>Copyright © 2014-2022 Denis Pushkarev</p>
<p>crypto-js 4.1.1</p> <p>Copyright © 2009-2013 Jeff Mott</p> <p>Copyright © 2013-2016 Evan Vosberg</p>
<p>Cryptacular Java Library 1.2.5</p> <p>Cryptacular Java Library</p> <p>Copyright (C) 2003-2022 Virginia Tech.</p> <p>All rights reserved.</p> <p>This product includes software developed at</p> <p>Virginia Tech (http://www.vt.edu).</p>
<p>Dexx Collections 0.7</p> <p>Copyright © 2014 Andrew O'Malley</p>
<p>eslint 8.56.0</p> <p>Copyright OpenJS Foundation and other contributors, <www.openjsf.org></p>

<p>eslint 8.23.0</p> <p>Copyright OpenJS Foundation and other contributors, <www.openjsf.org></p>
<p>Eslint 8.42.0</p> <p>Copyright OpenJS Foundation and other contributors, <www.openjsf.org></p>
<p>fabric.js 1.6.7</p> <p>Copyright © 2008-2015 Printio (Juriy Zaytsev, Maxim Chernyak)</p>
<p>fasterxml-jackson-annotations 2.15.2</p> <p>Copyright 2007-, Tatu Saloranta (tatu.saloranta@iki.fi)</p> <p>## Licensing</p> <p>Jackson 2.x core and extension components are licensed under Apache License 2.0</p> <p>To find the details that apply to this artifact see the accompanying LICENSE file.</p> <p>## Credits</p> <p>A list of contributors may be found from CREDITS(-2.x) file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.</p>
<p>gulp 4.0.2</p> <p>Copyright © 2013-2018 Blaine Bublitz <blaine.bublitz@gmail.com>, Eric Schoffstall <yo@contra.io> and other contributors</p>
<p>hammerjs 2.0.8</p> <p>Copyright © 2011-2014 by Jorik Tangelder (Eight Media)</p>
<p>http-proxy-middleware 2.0.6</p> <p>Copyright © 2015 Steven Chim</p>
<p>immer 10.0.3</p> <p>Copyright © 2017 Michel Weststrate</p>
<p>immer 10.0.2</p> <p>Copyright © 2017 Michel Weststrate</p>
<p>industrial-js 1.0.2</p> <p>Copyright © 2013 Andy Brennan</p>
<p>jasmine-core 4.5.0</p> <p>Copyright © 2008-2022 Jasmine Maintainers. This software is licensed under the MIT License.</p>
<p>jasmine-core 5.1.1</p> <p>Copyright © 2008-2019 Pivotal Labs</p>
<p>java-cup-11b 11b-20160615</p> <p>Copyright 1996-2015 by Scott Hudson, Frank Flannery, C. Scott Ananian, Michael Petter</p>
<p>JCL-Over-SLF4J 1.7.21</p> <p>Copyright © 2004-2019 QOS.ch</p>
<p>jnr-x86asm 1.0.2</p> <p>Copyright © 2010 Wayne Meissner</p> <p>Copyright © 2008-2009, Petr Kobalicek <kobalicek.petr@gmail.com></p>
<p>JOpt Simple 5.0.2</p> <p>Copyright © 2004-2015 Paul R. Holser, Jr.</p>
<p>jQuery 3.6.0</p> <p>Copyright © JS Foundation and other contributors, https://js.foundation/</p>

jQueryKnob 1.2.12

Copyright © 2013 Anthony Terrien

jQuery UI 1.13.2

Copyright © 2016 jQuery Foundation and other contributors, <https://jquery.org/>

jsoup 1.17.2

Copyright © 2009-2023 Jonathan Hedley <<https://jsoup.org/>>

JUL to SLF4J Bridge 1.7.30

Copyright © 2004-2011 [QOS.ch](https://qos.ch) All rights reserved.

JUL to SLF4J Bridge 1.7.7

Copyright © 2004-2011 [QOS.ch](https://qos.ch). All rights reserved.

karma 6.4.2

Copyright © 2011-2021 Google, Inc.

Karma 6.4.2

Copyright © 2011-2021 Google, Inc.

karma-chrome-launcher 3.2.0

Copyright © 2011-2013 Google, Inc.

karma-coverage 2.2.0

Copyright © 2011-2013 Google, Inc.

karma-coverage-istanbul-reporter 3.0.3

Copyright © 2017 Matt Lewis

karma-firefox-launcher 2.1.2

Copyright © 2011-2013 Google, Inc.

karma-jasmine 5.1.0

Copyright © 2011-2013 Google, Inc.

karma-jasmine-html-reporter 2.0.0

Copyright © 2011-2013 Vojta Jína and contributors.

karma-jasmine-html-reporter 2.1.0

Copyright © 2011-2013 Vojta Jína and contributors.

karma-junit-reporter 2.0.1

Copyright © 2011-2013 Google, Inc.

karma-phantomjs-launcher 1.0.4

Copyright © 2011-2013 Google, Inc.

Kuma Gauge 0.2

Copyright © 2013 SamBellen

Log4j Implemented Over SLF4J 1.7.30

Copyright © 2004-2017 [QOS.ch](https://qos.ch). All rights reserved.

Log4j Implemented Over SLF4J 1.7.36

Copyright © 2004-2017 [QOS.ch](https://qos.ch). All rights reserved.

Log4j Implemented Over SLF4J 2.0.0-alpha6

Copyright © 2004-2017 [QOS.ch](https://qos.ch). All rights reserved.

Mockito Core 5.8.0 Copyright © 2007 Mockito contributors
Moment 2.29.4 Copyright © JS Foundation and other contributors
ng-mocks 14.11.0 Copyright © 2017 Isaac Datlof
ng-packagr 17.1.0 Copyright © 2017-2020 Alan Agius
NGX Cookie Service 17.0.1 Copyright © 2020 Studytube BV
NGX Cookie Service 16.0.0 Copyright © 2020 Studytube BV
ngx-device-detector 6.0.1 Copyright © 2021 Muhammad Ahsan Ayaz
Parse5 7.1.2 Copyright © 2013-2019 Ivan Nikulin (ifaaan@gmail.com, https://github.com/inikulin)
plotly.js 2.14.0 Copyright © 2021 Plotly, Inc. All rights reserved.
Protractor 7.0.0 Copyright © 2010-2017 Google, Inc.
Raphael 2.3.0 Copyright © 2008-2010 Dmitry Baranovskiy
Reactive Streams 1.0.4 Copyright 2014 Reactive Streams
Round Slider 1.5.2 Copyright © 2015-2020, Soundar
Rxjs 7.8.1 Copyright © 2014-2018 Google, Inc., RxJS Team Members and Contributors
ScribeJava Core 4.1.1 Copyright © 2010 Pablo Fernandez
SevenSeg.js 0.1.0 Copyright © 2013 Brandon L White [brandonlwhite at gmail dot com]
SLF4J APi 2.0.0-alpha5 Copyright © 2004-2021 QOS.ch All rights reserved.
SLF4J API 2.0.7 Copyright © 2004-2023 QOS.ch All rights reserved.
SLF4J API 1.7.25 Copyright © 2004-2017 SLF4J

SLF4J API 2.0.12
Copyright © 2004-2024 QOS.ch All rights reserved.
SLF4J API 1.7.21
Copyright © 2004-2011 QOS.ch . All rights reserved.
SLF4J API 1.7.30
Copyright © 2004-2017 QOS.ch All rights reserved.
SLF4J API 1.7.36
Copyright © 2004-2017 QOS.ch All rights reserved.
SLF4J API 1.7.7
Copyright © 2004-2017 QOS.ch . All rights reserved.
SLF4J API 1.7.32
Copyright © 2004-2017 QOS.ch All rights reserved.
SLF4J API 2.0.10
Copyright © 2004-2023 QOS.ch
All rights reserved.
SLF4J API 1.6.1
Copyright © 2004-2017 QOS.ch All rights reserved.
slf4j-api 2.0.9
Copyright © 2004-2022 QOS.ch Sarl (Switzerland)
SLF4J API Module 1.7.30
Copyright © 2004-2017 QOS.ch All rights reserved.
slf4j-ext 2.0.9
Copyright © 2004-2011 QOS.ch
SLF4J Simple Binding 1.7.36
Copyright © 2004-2017 QOS.ch . All rights reserved.
TinyMCE 6.8.2
Copyright © 2022 Ephox Corporation DBA Tiny Technologies, Inc.
TinyMCE Angular 7.0.0
Copyright © 2022 Ephox Corporation DBA Tiny Technologies, Inc.
ToggleSwitch -
Copyright © 2019 Ron Masas
ts-node 10.9.1
Copyright © 2014 Blake Embrey (hello@blakeembrey.com)
typeface-roboto 1.1.13
Copyright © Kyle Mathews
yargs 17.7.2
Copyright 2010 James Halliday (mail@substack.net); Modified work Copyright 2014 Contributors (ben@npmjs.com)
yargs 17.6.2
Copyright 2010 James Halliday (mail@substack.net); Modified work Copyright 2014 Contributors (ben@npmjs.com)

Zone.js 0.13.1

Copyright © 2010-2023 Google LLC. <https://angular.io/license>

Zone.js 0.14.3

Copyright © 2010-2023 Google LLC. <https://angular.io/license>

Under [Python License 2.0 with CNRI OPEN SOURCE LICENSE AGREEMENT \(2006\)](#):

Jython 2.7.3

Copyright © 2000-2018 Jython Developers. All rights reserved.

Copyright © 2000 [BeOpen.com](#). All Rights Reserved.

Copyright © 2000 The Apache Software Foundation. All rights reserved.

Copyright © 1995-2000 Corporation for National Research Initiatives. All Rights Reserved.

Copyright © 1991-1995 Stichting Mathematisch Centrum, Amsterdam. All Rights Reserved.

The following components are distributed and licensed under the terms of their original licenses:

Under [Common Development and Distribution License 1.0](#):

activation 1.1

Copyright © 1997-2005 Sun Microsystems, Inc. All Rights Reserved.

javamail 1.4.1

Copyright © 2009 Sun Microsystems, Inc. All rights reserved.

Java Servlet API 3.1.0

Copyright © 1997-2013 Oracle and/or its affiliates. All rights reserved.

javax.annotation 1.2.0

Copyright © 2012-2013 Oracle and/or its affiliates. All rights reserved.

Javax Annotation API 1.3.2

Copyright © 2012-2017 Oracle and/or its affiliates. All rights reserved.

JSR-250 Common Annotations For The Java™ Platform 1.0

Copyright © 2006 Sun Microsystems, Inc.

Stax API 1.0-2

Copyright © 2003 by BEA Systems. All Rights Reserved.

Under [Common Development and Distribution License 1.1](#):

Java Architecture For XML Binding 1.1

Copyright 2006 by Sun Microsystems, Inc

Java Servlet API 4.0.1

Copyright © 1997-2017 Oracle and/or its affiliates. All rights reserved.

Java Servlet API 3.0.1

Copyright © 1997-2011 Oracle and/or its affiliates. All rights reserved.

Java Servlet API 3.1.0.v201410161800

Copyright © 1997-2013 Oracle and/or its affiliates. All rights reserved.

Javax Expression Language Bundle 2.2.0.v201303151357

Copyright © 1997-2020 Oracle and/or its affiliates. All rights reserved.

JAXB API 2.3.0

Copyright © Oracle Corp.

Jetty Orbit :: JSP API 2.2.0.v201112011158

Copyright © 1997-2011 Oracle and/or its affiliates. All rights reserved.

Under [Common Public License 1.0](#):

axis-wsdl4j 1.5.1

Copyright © 2003,2005 IBM. All Rights Reserved.

Under [Creative Commons Attribution 3.0 United States](#):

Basic Formal Ontology (BFO) 2.0

Copyright © Barry Smith and Pierre Grenon

Basic Formal Ontology (BFO) 2020

Copyright © Barry Smith and Pierre Grenon

Under [Creative Commons Attribution 4.0 International](#):

DCMI Metadata Terms and Elements 1.1 2020-01-20

Copyright © 2020-01-20 Dublin Core™ Metadata Initiative. <http://dublincore.org/about/copyright/>

Specification: <https://dublincore.org/specifications/dublin-core/dcmi-terms/2020-01-20/>

Date Issued: 2020-01-20

Document Status: This is a DCMI Recommendation.

gUFO: A Lightweight Implementation of the Unified Foundational Ontology Jun 2020

J. P. A. Almeida, G. Guizzardi, T. P. Sales, R. A. Falbo, "gUFO: A Lightweight Implementation of the Unified Foundational Ontology (UFO)", 2019, <http://purl.org/nemo/doc/gufo>

jquery-plugin-tempgauge -

Copyright © Charles Ram

Under [Eclipse Public License 1.0](#):

AspectJ Weaver 1.9.21

Copyright © 1999-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated (PARC), 2003-2020 Contributors. All Rights Reserved

This is a binary-only release. Source code is available from <http://eclipse.org/aspectj>

The Eclipse Foundation makes available all content in this distribution ("Content"). Unless otherwise indicated below, the Content is provided to you under the terms and conditions of the Eclipse Public License Version v 2.0 ("EPL"). A copy of the EPL is available at <https://www.eclipse.org/org/documents/epl-2.0/EPL-2.0.txt>. For purposes of the EPL, "Program" will mean the Content.

If you did not receive this Content directly from the Eclipse Foundation, the Content is being redistributed by another party ("Redistributor") and different terms and conditions may apply to your use of any object code in the Content. Check the Redistributor's license that was provided with the Content. If no such license exists, contact the Redistributor. Unless otherwise indicated below, the terms and conditions of the EPL still apply to any source code in the Content and such source code may be obtained at <http://www.eclipse.org>.

Third Party Content

The Content includes items that have been sourced from third parties as set out below. If you did not receive this Content directly from the Eclipse Foundation, the following is provided for informational purposes only, and you should look to the Redistributor's license for terms and conditions of use.

BCEL v5.1

This product contains software developed by the Apache Software Foundation (<http://www.apache.org>).

AspectJ includes a modified version of the Apache Jakarta Byte Code Engineering Library (BCEL) v5.1. BCEL is available at <https://commons.apache.org/bcel/>. Source code for the modified version of BCEL is available at [Eclipse.org](http://eclipse.org) in the AspectJ source tree. This code is made available under the Apache Software License v1.1

ASM v2.2.1

AspectJ includes a binary version of ASM v2.2.1 (<http://asm.objectweb.org/>) The source code for ASM is available from the ObjectWeb download site at <http://asm.objectweb.org/download/>.

The ASM license is available at <http://asm.objectweb.org/license.html>. The license is also reproduced here:

Copyright © 2000-2005 INRIA, France Telecom

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

AspectJ Weaver 1.9.21.1

Copyright © 1999-2001 Xerox Corporation, 2002 Palo Alto Research Center, Incorporated (PARC), 2003-2020 Contributors. All Rights Reserved

This is a binary-only release. Source code is available from <http://eclipse.org/aspectj>

The Eclipse Foundation makes available all content in this distribution ("Content"). Unless otherwise indicated below, the Content is provided to you under the terms and conditions of the Eclipse Public License Version v 2.0 ("EPL"). A copy of the EPL is available at <https://www.eclipse.org/org/documents/epl-2.0/EPL-2.0.txt>. For purposes of the EPL, "Program" will mean the Content.

If you did not receive this Content directly from the Eclipse Foundation, the Content is being redistributed by another party ("Redistributor") and different terms and conditions may apply to your use of any object code in the Content. Check the Redistributor's license that was provided with the Content. If no such license exists, contact the Redistributor. Unless otherwise indicated below, the terms and conditions of the EPL still apply to any source code in the Content and such source code may be obtained at <http://www.eclipse.org>.

Third Party Content

The Content includes items that have been sourced from third parties as set out below. If you did not receive this Content directly from the Eclipse Foundation, the following is provided for informational purposes only, and you should look to the Redistributor's license for terms and conditions of use.

BCEL v5.1

This product contains software developed by the Apache Software Foundation (<http://www.apache.org>).

AspectJ includes a modified version of the Apache Jakarta Byte Code Engineering Library (BCEL) v5.1. BCEL is available at <https://commons.apache.org/bcel/>. Source code for the modified version of BCEL is available at [Eclipse.org](http://eclipse.org) in the AspectJ source tree. This code is made available under the Apache Software License v1.1

ASM v2.2.1

AspectJ includes a binary version of ASM v2.2.1 (<http://asm.objectweb.org/>) The source code for ASM is available from the ObjectWeb download site at <http://asm.objectweb.org/download/>.

The ASM license is available at <http://asm.objectweb.org/license.html>. The license is also reproduced here:

Copyright © 2000-2005 INRIA, France Telecom

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)

ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Bidirectional Text Support 1.1.0

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

com.ibm.icu 58.2.0.v20170418-1837

Copyright © The Eclipse Foundation

Core Runtime 3.13.0

Copyright © 2016, 2017 GK Software AG and others.

Core Variables 3.4.0

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

Declarative Services 1.5.0

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

Eclipse Content Mechanism 3.6.0

Copyright © 2016, 2017 GK Software AG and others.

Eclipse EMF Ecore Change 2.11.0

Copyright © 2003-2017 IBM Corporation and others. All rights reserved.

Eclipse Equinox App 1.3.4

Copyright © The Eclipse Foundation

Eclipse Equinox Common 3.9.0

Copyright © The Eclipse Foundation

Eclipse Jetty 9.4.54.v20240208

=====

Jetty Web Container

Copyright 1995-2018 Mort Bay Consulting Pty Ltd.

=====

The Jetty Web Container is Copyright Mort Bay Consulting Pty Ltd

unless otherwise noted.

Jetty is dual licensed under both

* The Apache 2.0 License

<http://www.apache.org/licenses/LICENSE-2.0.html>

and

* The Eclipse Public 1.0 License

<http://www.eclipse.org/legal/epl-v10.html>

Jetty may be distributed under either license.

Eclipse

The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

Eclipse Jobs Mechanism 3.9.2

Copyright © 2016, 2017 GK Software AG and others.

Eclipse OCL 3.6.1

Copyright © The Eclipse Foundation

Eclipse OCL Common 1.4.1

Copyright © The Eclipse Foundation

Eclipse OCL Ecore 3.6.1 Copyright © The Eclipse Foundation
Eclipse Preferences Mechanism 3.7.0 Copyright © 2016, 2017 GK Software AG and others. All rights reserved.
Eclipse UML2 Common 1.2.4 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 Common 1.5.0 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 Common 1.7.0 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 Common 2.0.1 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 Standard L2 Profile 1.0.1 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 Standard L3 Profile 1.0.1 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 Standard Profile 1.0.0 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 Types 1.0.0 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 Types 2.0.0 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 UML 2.0.4 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 UML 3.0.1 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 UML 4.0.1 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 UML 5.0.2 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 UML Resources 2.0.3 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 UML Resources 3.0.0 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 UML Resources 4.0.1 Copyright © 2014 The Eclipse Foundation
Eclipse UML2 UML Resources 5.0.2 Copyright © 2014 The Eclipse Foundation

EMF XML/XMI Persistence 2.16.0

Copyright © The Eclipse Foundation

Equinox Framework Admin 2.0.300

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

Equinox Framework Admin For Equinox 1.0.800

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

Equinox Util Bundle 1.0.500

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

Event Admin 1.4.0

Copyright © 2016, 2017 GK Software AG and others.

All rights reserved.

Expression Language 3.6.0

Copyright © 2003, 2007 IBM Corporation and others. All rights reserved.

Extension Registry Support 3.7.0

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

Help System Core 3.8.1

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

javax.persistence 1.0.0.201301151508

Copyright © 2005-2020 Oracle and/or its affiliates. All rights reserved.

Javax Persistence API 2.0

Copyright © 2008, 2009 Sun Microsystems, Oracle Corporation. All rights reserved.

Javax XML 1.3.4.v201005080400

Copyright © 1997-2020 Oracle and/or its affiliates. All rights reserved.

JUnit 4.13.2

Copyright © 2014 JUnit Developers

Logback Classic Module 1.4.12

Copyright © 1999-2015, [QOS.ch](https://qos.ch). All rights reserved.

Logback Classic Module 1.4.14

Logback: the reliable, generic, fast and flexible logging framework.

Copyright © 1999-2022, [QOS.ch](https://qos.ch). All rights reserved.

Logback Classic Module 1.0.13

Copyright © 1999-2017, [QOS.ch](https://qos.ch). All rights reserved.

Logback Classic Module 1.2.3

Copyright © 1999-2017, [QOS.ch](https://qos.ch). All rights reserved.

Logback Classic Module 1.5.1

Copyright © 1999-2017, [QOS.ch](https://qos.ch). All rights reserved.

Logback Core Module 1.4.14

Logback: the reliable, generic, fast and flexible logging framework.

Copyright © 1999-2015, [QOS.ch](https://qos.ch). All rights reserved.

This program and the accompanying materials are dual-licensed under either the terms of the Eclipse Public License v1.0 as published by the Eclipse Foundation or (per the licensee's choosing) under the terms of the GNU Lesser General Public License version 2.1 as published by the Free Software Foundation.

Logback Core Module 1.0.13

Copyright © 1999-2017, [QOS.ch](https://qos.ch). All rights reserved.

Logback Core Module 1.2.11

Copyright © 1999-2017, [QOS.ch](https://qos.ch). All rights reserved.

Logback Core Module 1.2.3

Copyright © 1999-2017, [QOS.ch](https://qos.ch). All rights reserved.

Logback Core Module 1.4.7

Copyright © 1999-2015, [QOS.ch](https://qos.ch). All rights reserved.

LPG Java Runtime 2.0.17

Copyright © The Eclipse Foundation

OSGi Release 4.2.0 Services 3.6.0

Copyright © 2016, 2017 GK Software AG and others.

All rights reserved.

OSGi Release 4.2.0 Utility Classes 3.4.0

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

OSGi System Bundle 3.12.50

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

Simple Configurator 1.2.0

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

Simple Configurator Manipulator 2.0.300

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

SSHD Fragment 1.0.0

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

TrueZIP 7.7.10

Copyright © 2005-2015 Schlichtherle IT Services. All rights reserved.

Under [Eclipse Public License 2.0](https://www.eclipse.org/legal/epl-2.0/):

Angus Mail Provider 2.0.2

Copyright © 1997, 2023 Oracle and/or its affiliates. All rights reserved.

Console plug-in 1.1.300

Copyright © 2016, 2017 GK Software AG and others. All rights reserved.

Console ssh support plug-in 1.0.200

Copyright © 2016, 2018 GK Software SE and others.

Eclipse EMF Common 2.30.0

Copyright © JBoss by Red Hat and others. All rights reserved.

Eclipse EMF Ecore 2.36.0

Copyright © The Eclipse Foundation

EMF ecore XMI 2.37.0

Copyright © Eclipse Foundation.

Jacoco Maven Plugin 0.8.11

Copyright © 2009, 2023 Mountainminds GmbH & Co. KG and Contributors

This program and the accompanying materials are made available under the terms of the Eclipse Public License 2.0 which is available at <http://www.eclipse.org/legal/epl-2.0>

SPDX-License-Identifier: EPL-2.0

Contributors: Evgeny Mandrikov - initial API and implementation

Jakarta Annotations API 1.3.5

Copyright © 2012, 2018 Oracle and/or its affiliates. All rights reserved.

Jakarta JSON Processing 2.0.1

Copyright © 2013, 2021 Oracle and/or its affiliates. All rights reserved.

Jakarta Mail API 2.1.1

Copyright © 2018, 2021 Oracle and/or its affiliates. All rights reserved.

Jakarta Messaging API 3.1.0

Copyright © 1997, 2020 Oracle and/or its affiliates. All rights reserved.

JGraphT 1.5.1

Copyright © 2003-2021, by Barak Naveh and Contributors. All rights reserved.

jnr-posix 3.1.15

Copyright © 2007 Thomas E Enebo <enebo@acm.org>

Copyright © 2007 Charles O Nutter <headius@headius.com>

JUnit 5.10.1

Copyright © JUnit Developers

JUnit Jupiter API 5.9.0

Copyright © 2015-2022 JUnit Jupiter Group

All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public License v2.0 which accompanies this distribution and is available at

<https://www.eclipse.org/legal/epl-v20.html>

JUnit Jupiter Params 5.9.0

Copyright © 2015-2022 JUnit Jupiter Group

JUnit Platform Commons 1.9.0

Copyright © 2015-2021 JUnit Platform Group

All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public License v2.0 which accompanies this distribution and is available at

<https://www.eclipse.org/legal/epl-v20.html>

jUnit Platform Launcher 1.10.1

Copyright © JUnit Developers

V4MD 2.3.0 M3

Copyright © Eclipse VIATRA Project Contributors

Under [GNU General Public License v2.0 with Classpath exception](#):

AdoptOpenJDK with HotSpot 17
Copyright © Oracle America, Inc.
JavaEE API 8.0.1
Copyright © 2012-2017 Oracle and/or its affiliates. All rights reserved.
javafx-controls 14
Copyright © 2015, 2017, Oracle and/or its affiliates. All rights reserved.
JavaFX Swing 14
Copyright © 2008, 2020, Oracle and/or its affiliates. All rights reserved.
jaxp 1.4.5
Copyright © 2011 Oracle and/or its affiliates. All rights reserved.
Under GNU Lesser General Public License v2.1 only :
DOLCE in the Web Ontology Language (OWL) Version 397
Copyright © 2005 ISTC-CNR, Laboratory for Applied Ontology
JACOB 1.19
Copyright 1999-2004 Sourceforge JACOB Project.
All rights reserved. Originator: Dan Adler (http://danadler.com).
JCIP Annotations 1.0
Copyright 2006-2015 Brian Goetz, Tim Peierls, Joshua Bloch, Joseph Bowbeer, David Holmes, Doug Lea.
JFreeChart 1.5.3
Copyright © 2000-2021, by Object Refinery Limited and Contributors.
SpotBugs Annotations 3.1.12
Copyright © 2016-2021, SpotBugs Community
SwingX 1.6
Copyright © 2009 Swinglabs Project Contributors
Trove 3.0.3
Copyright © 1999 CERN - European Organization for Nuclear Research.
XOM 1.2.10
Copyright 2004, 2005, 2009 Elliotte Rusty Harold
Under GNU Lesser General Public License v3.0 only :
beanshell2 2.1.7
Copyright © 2013 Patrick Niemeyer
fm-builder 2.6.1
Copyright © Modelica Association Project.
fm-framework 2.6.1
Copyright © Modelica Association Project.
FMU Wrapper 2.26.5
Copyright © 2013-2018 - Monentia
XML Catalog Management Tool 1.0.3
Copyright © 2013 The Protégé Project
Under GNU Library General Public License v2 only :

<p>GNU getopt - Java port 1.0.13</p> <p>Getopt Copyright © 1987-1997 Free Software Foundation, Inc.</p> <p>Java Port Copyright © 1998 by Aaron M. Renn (arenn@urbanophile.com)</p>
<p>HermiT OWL Reasoner 1.4.5.519</p> <p>Copyright 2008, 2009, 2010, 2011, 2015 by the Department of Computer Science in the University of Oxford</p>
<p>Under Mozilla Public License 2.0:</p>
<p>H2 Database Engine 2.2.224</p> <p>Copyright © 2004-2023 H2 Group</p>
<p>Mozilla Rhino 1.7.13</p> <p>Copyright © Mozilla and individual contributors.</p>
<p>Mozilla Rhino 1.7R4</p> <p>Copyright © 2005-2019 Mozilla and individual contributors.</p>
<p>Saxon HE 11.4</p> <p>Copyright © 2020 Saxonica Limited</p>
<p>Under Elastic License 2.0 (ELv2) :</p>
<p>REST High Level 7.17.18</p> <p>Elasticsearch</p> <p>Copyright 2009-2021 Elasticsearch</p> <p>This product includes software developed by The Apache Software Foundation (http://www.apache.org/).</p> <p>This product includes software developed by Joda.org (http://www.joda.org/).</p>
<p>Transport 7.17.18</p> <p>Elasticsearch</p> <p>Copyright 2009-2021 Elasticsearch</p> <p>This product includes software developed by The Apache Software Foundation (http://www.apache.org/).</p> <p>This product includes software developed by Joda.org (http://www.joda.org/).</p>

License Terms

Gleaning Resource Descriptions from Dialects of Languages

Copyright © 2006-2007 W3C® (MIT, ERCIM, Keio, Beihang), All Rights Reserved.

ORIGINAL DOCUMENT: <https://www.w3.org/2003/g/data-view#>

STATUS: W3C Recommendation 11 September 2007

By using and/or copying this document, or the W3C document from which this statement is linked, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions:

Permission to copy, and distribute the contents of this document, or the W3C document from which this statement is linked, in any medium for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the document, or portions thereof, that you use:

- A link or URL to the original W3C document.

- The pre-existing copyright notice of the original author, or if it doesn't exist, a notice (hypertext is preferred, but a textual representation is permitted) of the form: "Copyright © [date-of-document] World Wide Web Consortium, (MIT, ERCIM, Keio, Beihang). <http://www.w3.org/Consortium/Legal/2015/doc-license>"

- If it exists, the STATUS of the W3C document.

When space permits, inclusion of the full text of this NOTICE should be provided. We request that authorship attribution be provided in any software, documents, or other items or products that you create pursuant to the implementation of the contents of this document, or any portion thereof.

No right to create modifications or derivatives of W3C documents is granted pursuant to this license, except as follows: To facilitate implementation of the technical specifications set forth in this document, anyone may prepare and distribute derivative works and portions of this document in software, in supporting materials accompanying software, and in documentation of software, PROVIDED that all such works include the notice below. HOWEVER, the publication of derivative works of this document for use as a technical specification is expressly prohibited.

In addition, "Code Components" —Web IDL in sections clearly marked as Web IDL; and W3C-defined markup (HTML, CSS, etc.) and computer programming language code clearly marked as code examples— are licensed under the W3C Software License.

The notice is:

"Copyright © 2015 W3C® (MIT, ERCIM, Keio, Beihang). This software or document includes material copied from or derived from [title and URI of the W3C document]."

Disclaimers

THIS DOCUMENT IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR TITLE; THAT THE CONTENTS OF THE DOCUMENT ARE SUITABLE FOR ANY PURPOSE; NOR THAT THE IMPLEMENTATION OF SUCH CONTENTS WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE DOCUMENT OR THE PERFORMANCE OR IMPLEMENTATION OF THE CONTENTS THEREOF.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to this document or its contents without specific, written prior permission. Title to copyright in this document will at all times remain with copyright holders.

JTidy

Java HTML Tidy - JTidy

HTML parser and pretty printer

Copyright © 1998-2000 World Wide Web Consortium (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.

Contributing Author(s):

Dave Raggett <dcsr@w3.org>

Andy Quick <ac.quick@sympatico.ca> (translation to Java)

Gary L Peskin <garyp@firstech.com> (Java development)

Sami Lempinen <sami@lempinen.net> (release management)

Fabrizio Giustina <fgiust@users.sourceforge.net>

The contributing author(s) would like to thank all those who helped with testing, bug fixes, and patience. This wouldn't have been possible without all of you.

COPYRIGHT NOTICE:

This software and documentation is provided "as is," and the copyright holders and contributing author(s) make no representations or warranties, express or implied, including but not limited to, warranties of merchantability or fitness for any particular purpose or that the use of the software or documentation will not infringe any third party patents, copyrights, trademarks or other rights.

The copyright holders and contributing author(s) will not be liable for any direct, indirect, special or consequential damages arising out of any use of the software or documentation, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, documentation and executables, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.
2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The copyright holders and contributing author(s) specifically permit, without fee, and encourage the use of this source code as a component for supporting the Hypertext Markup Language in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

OWL 2 Web Ontology Language

Copyright © 2012 W3C® (MIT, ERCIM, Keio, Beihang), All Rights Reserved.

ORIGINAL DOCUMENT: <http://www.w3.org/2002/07/owl>

STATUS: W3C Recommendation 11 December 2012

By using and/or copying this document, or the W3C document from which this statement is linked, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions:

Permission to copy, and distribute the contents of this document, or the W3C document from which this statement is linked, in any medium for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the document, or portions thereof, that you use:

- A link or URL to the original W3C document.
- The pre-existing copyright notice of the original author, or if it doesn't exist, a notice (hypertext is preferred, but a textual representation is permitted) of the form: "Copyright © [date-of-document] World Wide Web Consortium, (MIT, ERCIM, Keio, Beihang). <http://www.w3.org/Consortium/Legal/2015/doc-license>"
- If it exists, the STATUS of the W3C document.

When space permits, inclusion of the full text of this NOTICE should be provided. We request that authorship attribution be provided in any software, documents, or other items or products that you create pursuant to the implementation of the contents of this document, or any portion thereof.

No right to create modifications or derivatives of W3C documents is granted pursuant to this license, except as follows: To facilitate implementation of the technical specifications set forth in this document, anyone may prepare and distribute derivative works and portions of this document in software, in supporting materials accompanying software, and in documentation of software, PROVIDED that all such works include the notice below. HOWEVER, the publication of derivative works of this document for use as a technical specification is expressly prohibited.

In addition, "Code Components" —Web IDL in sections clearly marked as Web IDL; and W3C-defined markup (HTML, CSS, etc.) and computer programming language code clearly marked as code examples— are licensed under the W3C Software License.

The notice is:

"Copyright © 2015 W3C® (MIT, ERCIM, Keio, Beihang). This software or document includes material copied from or derived from [title and URI of the W3C document]."

Disclaimers

THIS DOCUMENT IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR TITLE; THAT THE CONTENTS OF THE DOCUMENT ARE SUITABLE FOR ANY PURPOSE; NOR THAT THE IMPLEMENTATION OF SUCH CONTENTS WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE DOCUMENT OR THE PERFORMANCE OR IMPLEMENTATION OF THE CONTENTS THEREOF.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to this document or its contents without specific, written prior permission. Title to copyright in this document will at all times remain with copyright holders.

RDF 1.1 Concepts and Abstract Syntax

Copyright © 2004-2014 World Wide Web Consortium, (MIT, ERCIM, Keio, Beihang).

ORIGINAL DOCUMENT: <https://www.w3.org/1999/02/22-rdf-syntax-ns#>

STATUS: W3C Recommendation 25 February 2014

By using and/or copying this document, or the W3C document from which this statement is linked, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions:

Permission to copy, and distribute the contents of this document, or the W3C document from which this statement is linked, in any medium for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the document, or portions thereof, that you use:

- A link or URL to the original W3C document.
- The pre-existing copyright notice of the original author, or if it doesn't exist, a notice (hypertext is preferred, but a textual representation is permitted) of the form: "Copyright © [date-of-document] World Wide Web Consortium, (MIT, ERCIM, Keio, Beihang). <http://www.w3.org/Consortium/Legal/2015/doc-license>"
- If it exists, the STATUS of the W3C document.

When space permits, inclusion of the full text of this NOTICE should be provided. We request that authorship attribution be provided in any software, documents, or other items or products that you create pursuant to the implementation of the contents of this document, or any portion thereof.

No right to create modifications or derivatives of W3C documents is granted pursuant to this license, except as follows: To facilitate implementation of the technical specifications set forth in this document, anyone may prepare and distribute derivative works and portions of this document in software, in supporting materials accompanying software, and in documentation of software, PROVIDED that all such works include the notice below. HOWEVER, the publication of derivative works of this document for use as a technical specification is expressly prohibited.

In addition, "Code Components" —Web IDL in sections clearly marked as Web IDL; and W3C-defined markup (HTML, CSS, etc.) and computer programming language code clearly marked as code examples— are licensed under the W3C Software License.

The notice is:

"Copyright © 2015 W3C® (MIT, ERCIM, Keio, Beihang). This software or document includes material copied from or derived from [title and URI of the W3C document]."

Disclaimers

THIS DOCUMENT IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR TITLE; THAT THE CONTENTS OF THE DOCUMENT ARE SUITABLE FOR ANY PURPOSE; NOR THAT THE IMPLEMENTATION OF SUCH CONTENTS WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE DOCUMENT OR THE PERFORMANCE OR IMPLEMENTATION OF THE CONTENTS THEREOF.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to this document or its contents without specific, written prior permission. Title to copyright in this document will at all times remain with copyright holders.

RDF Schema 1.1

Copyright © 2004-2014 W3C® (MIT, ERCIM, Keio, Beihang), All Rights Reserved.

ORIGINAL DOCUMENT: <http://www.w3.org/2000/01/rdf-schema#>

STATUS: W3C Recommendation 25 February 2014

By using and/or copying this document, or the W3C document from which this statement is linked, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions:

Permission to copy, and distribute the contents of this document, or the W3C document from which this statement is linked, in any medium for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the document, or portions thereof, that you use:

- A link or URL to the original W3C document.

- The pre-existing copyright notice of the original author, or if it doesn't exist, a notice (hypertext is preferred, but a textual representation is permitted) of the form: "Copyright © [date-of-document] World Wide Web Consortium, (MIT, ERCIM, Keio, Beihang). <http://www.w3.org/Consortium/Legal/2015/doc-license>"

- If it exists, the STATUS of the W3C document.

When space permits, inclusion of the full text of this NOTICE should be provided. We request that authorship attribution be provided in any software, documents, or other items or products that you create pursuant to the implementation of the contents of this document, or any portion thereof.

No right to create modifications or derivatives of W3C documents is granted pursuant to this license, except as follows: To facilitate implementation of the technical specifications set forth in this document, anyone may prepare and distribute derivative works and portions of this document in software, in supporting materials accompanying software, and in documentation of software, PROVIDED that all such works include the notice below. HOWEVER, the publication of derivative works of this document for use as a technical specification is expressly prohibited.

In addition, "Code Components" —Web IDL in sections clearly marked as Web IDL; and W3C-defined markup (HTML, CSS, etc.) and computer programming language code clearly marked as code examples— are licensed under the W3C Software License.

The notice is:

"Copyright © 2015 W3C® (MIT, ERCIM, Keio, Beihang). This software or document includes material copied from or derived from [title and URI of the W3C document]."

Disclaimers

THIS DOCUMENT IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR TITLE; THAT THE CONTENTS OF THE DOCUMENT ARE SUITABLE FOR ANY PURPOSE; NOR THAT THE IMPLEMENTATION OF SUCH CONTENTS WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE DOCUMENT OR THE PERFORMANCE OR IMPLEMENTATION OF THE CONTENTS THEREOF.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to this document or its contents without specific, written prior permission. Title to copyright in this document will at all times remain with copyright holders.

Apache License 1.1

Apache License 1.1

Copyright © 2000 The Apache Software Foundation. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>)."

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. The name "Apache" and "Apache Software Foundation" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact apache@apache.org.

5. Products derived from this software may not be called "Apache" [ex. "Jakarta," "Apache," or "Apache Commons,"] nor may "Apache" [ex. the names] appear in their name, without prior written permission of the Apache Software Foundation.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This software consists of voluntary contributions made by many individuals on behalf of the Apache Software Foundation. For more information on the Apache Software Foundation, please see <http://www.apache.org/>. Portions of this software are based upon public domain software originally written at the National Center for Supercomputing Applications, University of Illinois, Urbana-Champaign.

Apache License 2.0

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

© You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

BSD 2-Clause "Simplified" License

Copyright © <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

BSD 3-Clause "New" or "Revised" License

Copyright © <year> <owner>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

BSD Zero Clause License

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Creative Commons Zero v1.0 Universal

Creative Commons Legal Code

CC0 1.0 Universal

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

- i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;
- ii. moral rights retained by the original author(s) and/or performer(s);
- iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;
- iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;
- v. rights protecting the extraction, dissemination, use and reuse of data in a Work;
- vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and
- vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

Eclipse Distribution License - v 1.0

Eclipse Distribution License - v 1.0

Copyright © 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

ISC License

ISC License

Copyright © 2004-2010 by Internet Systems Consortium, Inc. ("ISC")

Copyright © 1995-2003 by Internet Software Consortium

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL ISC BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

JSON License

JSON License

Copyright © 2002 JSON.org

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 rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

The Software shall be used for Good, not Evil.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License

Copyright © <year> <copyright holders>

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 rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice (including the next paragraph) shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Python License 2.0 with CNRI OPEN SOURCE LICENSE AGREEMENT (2006)

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.
2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright © 2001, 2002, 2003, 2004, 2005, 2006 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.
3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.
4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.
5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.
6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.
7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.
8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.

BEOPEN.COM LICENSE AGREEMENT FOR PYTHON 2.0

BEOPEN PYTHON OPEN SOURCE LICENSE AGREEMENT VERSION 1

1. This LICENSE AGREEMENT is between BeOpen.com ("BeOpen"), having an office at 160 Saratoga Avenue, Santa Clara, CA 95051, and the Individual or Organization ("Licensee") accessing and otherwise using this software in source or binary form and its associated documentation ("the Software").
2. Subject to the terms and conditions of this BeOpen Python License Agreement, BeOpen hereby grants Licensee a non-exclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use the Software alone or in any derivative version, provided, however, that the BeOpen Python License is retained in the Software, alone or in any derivative version prepared by Licensee.

3. BeOpen is making the Software available to Licensee on an "AS IS" basis. BEOPEN MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, BEOPEN MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

4. BEOPEN SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE SOFTWARE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THE SOFTWARE, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

5. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

6. This License Agreement shall be governed by and interpreted in all respects by the law of the State of California, excluding conflict of law provisions. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between BeOpen and Licensee. This License Agreement does not grant permission to use BeOpen trademarks or trade names in a trademark sense to endorse or promote products or services of Licensee, or any third party. As an exception, the "BeOpen Python" logos available at <http://www.pythonlabs.com/logos.html> may be used according to the permissions granted on that web page.

7. By copying, installing or otherwise using the software, Licensee agrees to be bound by the terms and conditions of this License Agreement.

CNRI OPEN SOURCE LICENSE AGREEMENT (for Python 1.6b1)

IMPORTANT: PLEASE READ THE FOLLOWING AGREEMENT CAREFULLY.

BY CLICKING ON "ACCEPT" WHERE INDICATED BELOW, OR BY COPYING, INSTALLING OR OTHERWISE USING PYTHON 1.6, beta 1 SOFTWARE, YOU ARE DEEMED TO HAVE AGREED TO THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT.

1. This LICENSE AGREEMENT is between the Corporation for National Research Initiatives, having an office at 1895 Preston White Drive, Reston, VA 20191 ("CNRI"), and the Individual or Organization ("Licensee") accessing and otherwise using Python 1.6, beta 1 software in source or binary form and its associated documentation, as released at the www.python.org Internet site on August 4, 2000 ("Python 1.6b1").

2. Subject to the terms and conditions of this License Agreement, CNRI hereby grants Licensee a non-exclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python 1.6b1 alone or in any derivative version, provided, however, that CNRI's License Agreement is retained in Python 1.6b1, alone or in any derivative version prepared by Licensee.

Alternately, in lieu of CNRI's License Agreement, Licensee may substitute the following text (omitting the quotes): "Python 1.6, beta 1, is made available subject to the terms and conditions in CNRI's License Agreement. This Agreement may be located on the Internet using the following unique, persistent identifier (known as a handle): 1895.22/1011. This Agreement may also be obtained from a proxy server on the Internet using the URL:<http://hdl.handle.net/1895.22/1011>".

3. In the event Licensee prepares a derivative work that is based on or incorporates Python 1.6b1 or any part thereof, and wants to make the derivative work available to the public as provided herein, then Licensee hereby agrees to indicate in any such work the nature of the modifications made to Python 1.6b1.

4. CNRI is making Python 1.6b1 available to Licensee on an "AS IS" basis. CNRI MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, CNRI MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 1.6b1 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. CNRI SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE SOFTWARE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING, MODIFYING OR DISTRIBUTING PYTHON 1.6b1, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

7. This License Agreement shall be governed by and interpreted in all respects by the law of the State of Virginia, excluding conflict of law provisions. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between CNRI and Licensee. This License Agreement does not grant permission to use CNRI trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By clicking on the "ACCEPT" button where indicated, or by copying, installing or otherwise using Python 1.6b1, Licensee agrees to be bound by the terms and conditions of this License Agreement.

ACCEPT

CWI LICENSE AGREEMENT FOR PYTHON 0.9.0 THROUGH 1.2

Copyright © 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reserved.

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of Stichting Mathematisch Centrum or CWI not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

STICHTING MATHEMATISCH CENTRUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL STICHTING MATHEMATISCH CENTRUM BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Common Development and Distribution License 1.0

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

Version 1.0

1. Definitions.

1.1. "Contributor" means each individual or entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.

1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or © the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. "Executable" means the Covered Software in any form other than Source Code.

1.5. "Initial Developer" means the individual or entity that first makes Original Software available under this License.

1.6. "Larger Work" means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

1.7. "License" means this document.

1.8. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. "Original Software" means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.12. "Source Code" means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

1.13. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants.

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

© The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.

2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

© The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.6. Larger Works.

You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

4. Versions of the License.

4.1. New Versions.

Sun Microsystems, Inc. is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABILITY, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as "Participant") alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST PROFITS, LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

8. U.S. GOVERNMENT END USERS.

The Covered Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" (as that term is defined at 48 C.F.R. § 252.227-7014(a)(1)) and "commercial computer software documentation" as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

10. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

Common Development and Distribution License 1.1

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

Version 1.1

1. Definitions.

1.1. "Contributor" means each individual or entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.

1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or © the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. "Executable" means the Covered Software in any form other than Source Code.

1.5. "Initial Developer" means the individual or entity that first makes Original Software available under this License.

1.6. "Larger Work" means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

1.7. "License" means this document.

1.8. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. "Original Software" means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.12. "Source Code" means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

1.13. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants.

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

© The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.

2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

© The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.6. Larger Works.

You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

4. Versions of the License.

4.1. New Versions.

Oracle is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as "Participant") alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. If You assert a patent infringement claim against Participant alleging that the Participant Software directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

6.4. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

8. U.S. GOVERNMENT END USERS.

The Covered Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" (as that term is defined at 48 C.F.R. § 252.227-7014(a)(1)) and "commercial computer software documentation" as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

10. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute an admission of liability.

NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

The code released under the CDDL shall be governed by the laws of the State of California (excluding conflict-of-law provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

Common Public License 1.0

Common Public License Version 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1.

DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
 - i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents " mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

2.

GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

3.

REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

4.

COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

5.

NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

6.

DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7.

GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against a Contributor with respect to a patent applicable to software (including a cross-claim or counterclaim in a lawsuit), then any patent licenses granted by that Contributor to such Recipient under this Agreement shall terminate as of the date such litigation is filed. In addition, if Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. IBM is the initial Agreement Steward. IBM may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

Creative Commons Attribution 3.0 United States

Creative Commons Attribution 3.0 United States

CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS LICENSE DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE INFORMATION PROVIDED, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM ITS USE.

License

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED.

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. TO THE EXTENT THIS LICENSE MAY BE CONSIDERED TO BE A CONTRACT, THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

1. Definitions

a. "Collective Work" means a work, such as a periodical issue, anthology or encyclopedia, in which the Work in its entirety in unmodified form, along with one or more other contributions, constituting separate and independent works in themselves, are assembled into a collective whole. A work that constitutes a Collective Work will not be considered a Derivative Work (as defined below) for the purposes of this License.

b. "Derivative Work" means a work based upon the Work or upon the Work and other pre-existing works, such as a translation, musical arrangement, dramatization, fictionalization, motion picture version, sound recording, art reproduction, abridgment, condensation, or any other form in which the Work may be recast, transformed, or adapted, except that a work that constitutes a Collective Work will not be considered a Derivative Work for the purpose of this License. For the avoidance of doubt, where the Work is a musical composition or sound recording, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered a Derivative Work for the purpose of this License.

c. "Licensor" means the individual, individuals, entity or entities that offers the Work under the terms of this License.

d. "Original Author" means the individual, individuals, entity or entities who created the Work.

e. "Work" means the copyrightable work of authorship offered under the terms of this License.

f. "You" means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

2. Fair Use Rights. Nothing in this license is intended to reduce, limit, or restrict any rights arising from fair use, first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable laws.

3. License Grant. Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below:

a. to reproduce the Work, to incorporate the Work into one or more Collective Works, and to reproduce the Work as incorporated in the Collective Works;

b. to create and reproduce Derivative Works provided that any such Derivative Work, including any translation in any medium, takes reasonable steps to clearly label, demarcate or otherwise identify that changes were made to the original Work. For example, a translation could be marked "The original work was translated from English to Spanish," or a modification could indicate "The original work has been modified.";

c. to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission the Work including as incorporated in Collective Works;

d. to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission Derivative Works.

e. For the avoidance of doubt, where the Work is a musical composition:

i. Performance Royalties Under Blanket Licenses. Licensor waives the exclusive right to collect, whether individually or, in the event that Licensor is a member of a performance rights society (e.g. ASCAP, BMI, SESAC), via that society, royalties for the public performance or public digital performance (e.g. webcast) of the Work.

ii. Mechanical Rights and Statutory Royalties. Licensor waives the exclusive right to collect, whether individually or via a music rights agency or designated agent (e.g. Harry Fox Agency), royalties for any phonorecord You create from the Work ("cover version") and distribute, subject to the compulsory license created by 17 USC Section 115 of the US Copyright Act (or the equivalent in other jurisdictions).

f. Webcasting Rights and Statutory Royalties. For the avoidance of doubt, where the Work is a sound recording, Licensor waives the exclusive right to collect, whether individually or via a performance-rights society (e.g. SoundExchange), royalties for the public digital performance (e.g. webcast) of the Work, subject to the compulsory license created by 17 USC Section 114 of the US Copyright Act (or the equivalent in other jurisdictions).

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. All rights not expressly granted by Licensor are hereby reserved.

4. Restrictions. The license granted in Section 3 above is expressly made subject to and limited by the following restrictions:

a. You may distribute, publicly display, publicly perform, or publicly digitally perform the Work only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy or phonorecord of the Work You distribute, publicly display, publicly perform, or publicly digitally perform. You may not offer or impose any terms on the Work that restrict the terms of this License or the ability of a recipient of the Work to exercise the rights granted to that recipient under the terms of the License. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. When You distribute, publicly display, publicly perform, or publicly digitally perform the Work, You may not impose any technological measures on the Work that restrict the ability of a recipient of the Work from You to exercise the rights granted to that recipient under the terms of the License. This Section 4(a) applies to the Work as incorporated in a Collective Work, but this does not require the Collective Work apart from the Work itself to be made subject to the terms of this License. If You create a Collective Work, upon notice from any Licensor You must, to the extent practicable, remove from the Collective Work any credit as required by Section 4(b), as requested. If You create a Derivative Work, upon notice from any Licensor You must, to the extent practicable, remove from the Derivative Work any credit as required by Section 4(b), as requested.

b. If You distribute, publicly display, publicly perform, or publicly digitally perform the Work (as defined in Section 1 above) or any Derivative Works (as defined in Section 1 above) or Collective Works (as defined in Section 1 above), You must, unless a request has been made pursuant to Section 4(a), keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or (ii) if the Original Author and/or Licensor designate another party or parties (e.g. a sponsor institute, publishing entity, journal) for attribution ("Attribution Parties") in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; the title of the Work if supplied; to the extent reasonably practicable, the Uniform Resource Identifier, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and, consistent with Section 3(b) in the case of a Derivative Work, a credit identifying the use of the Work in the Derivative Work (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). The credit required by this Section 4(b) may be implemented in any reasonable manner; provided, however, that in the case of a Derivative Work or Collective Work, at a minimum such credit will appear, if a credit for all contributing authors of the Derivative Work or Collective Work appears, then as part of these credits and in a manner at least as prominent as the credits for the other contributing authors. For the avoidance of doubt, You may only use the credit required by this Section for the purpose of attribution in the manner set out above and, by exercising Your rights under this License, You may not implicitly or explicitly assert or imply any connection with, sponsorship or endorsement by the Original Author, Licensor and/or Attribution Parties, as appropriate, of You or Your use of the Work, without the separate, express prior written permission of the Original Author, Licensor and/or Attribution Parties.

5. Representations, Warranties and Disclaimer

UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND ONLY TO THE EXTENT OF ANY RIGHTS HELD IN THE LICENSED WORK BY THE LICENSOR. THE LICENSOR MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MARKETABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

6. Limitation on Liability. EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. Termination

a. This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Derivative Works (as defined in Section 1 above) or Collective Works (as defined in Section 1 above) from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.

b. Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

8. Miscellaneous

a. Each time You distribute or publicly digitally perform the Work (as defined in Section 1 above) or a Collective Work (as defined in Section 1 above), the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.

b. Each time You distribute or publicly digitally perform a Derivative Work, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.

c. If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

d. No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.

e. This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.

Creative Commons Notice

Creative Commons is not a party to this License, and makes no warranty whatsoever in connection with the Work. Creative Commons will not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. Notwithstanding the foregoing two (2) sentences, if Creative Commons has expressly identified itself as the Licensor hereunder, it shall have all rights and obligations of Licensor.

Except for the limited purpose of indicating to the public that the Work is licensed under the CCPL, Creative Commons does not authorize the use by either party of the trademark "Creative Commons" or any related trademark or logo of Creative Commons without the prior written consent of Creative Commons. Any permitted use will be in compliance with Creative Commons' then-current trademark usage guidelines, as may be published on its website or otherwise made available upon request from time to time. For the avoidance of doubt, this trademark restriction does not form part of the License.

Creative Commons may be contacted at <https://creativecommons.org/>.

Creative Commons Attribution 4.0 International

Creative Commons Attribution 4.0 International

Creative Commons Corporation ("Creative Commons") is not a law firm and does not provide legal services or legal advice. Distribution of Creative Commons public licenses does not create a lawyer-client or other relationship. Creative Commons makes its licenses and related information available on an "as-is" basis. Creative Commons gives no warranties regarding its licenses, any material licensed under their terms and conditions, or any related information. Creative Commons disclaims all liability for damages resulting from their use to the fullest extent possible.

Using Creative Commons Public Licenses

Creative Commons public licenses provide a standard set of terms and conditions that creators and other rights holders may use to share original works of authorship and other material subject to copyright and certain other rights specified in the public license below. The following considerations are for informational purposes only, are not exhaustive, and do not form part of our licenses.

Considerations for licensors: Our public licenses are intended for use by those authorized to give the public permission to use material in ways otherwise restricted by copyright and certain other rights. Our licenses are irrevocable. Licensors should read and understand the terms and conditions of the license they choose before applying it. Licensors should also secure all rights necessary before applying our licenses so that the public can reuse the material as expected. Licensors should clearly mark any material not subject to the license. This includes other CC-licensed material, or material used under an exception or limitation to copyright. More considerations for licensors : wiki.creativecommons.org/Considerations_for_licensors

Considerations for the public: By using one of our public licenses, a licensor grants the public permission to use the licensed material under specified terms and conditions. If the licensor's permission is not necessary for any reason—for example, because of any applicable exception or limitation to copyright—then that use is not regulated by the license. Our licenses grant only permissions under copyright and certain other rights that a licensor has authority to grant. Use of the licensed material may still be restricted for other reasons, including because others have copyright or other rights in the material. A licensor may make special requests, such as asking that all changes be marked or described. Although not required by our licenses, you are encouraged to respect those requests where reasonable. More considerations for the public : wiki.creativecommons.org/Considerations_for_licensees

Creative Commons Attribution 4.0 International Public License

By exercising the Licensed Rights (defined below), You accept and agree to be bound by the terms and conditions of this Creative Commons Attribution 4.0 International Public License ("Public License"). To the extent this Public License may be interpreted as a contract, You are granted the Licensed Rights in consideration of Your acceptance of these terms and conditions, and the Licensor grants You such rights in consideration of benefits the Licensor receives from making the Licensed Material available under these terms and conditions.

Section 1 – Definitions.

- a. Adapted Material means material subject to Copyright and Similar Rights that is derived from or based upon the Licensed Material and in which the Licensed Material is translated, altered, arranged, transformed, or otherwise modified in a manner requiring permission under the Copyright and Similar Rights held by the Licensor. For purposes of this Public License, where the Licensed Material is a musical work, performance, or sound recording, Adapted Material is always produced where the Licensed Material is synched in timed relation with a moving image.
- b. Adapter's License means the license You apply to Your Copyright and Similar Rights in Your contributions to Adapted Material in accordance with the terms and conditions of this Public License.
- c. Copyright and Similar Rights means copyright and/or similar rights closely related to copyright including, without limitation, performance, broadcast, sound recording, and Sui Generis Database Rights, without regard to how the rights are labeled or categorized. For purposes of this Public License, the rights specified in Section 2(b)(1)-(2) are not Copyright and Similar Rights.
- d. Effective Technological Measures means those measures that, in the absence of proper authority, may not be circumvented under laws fulfilling obligations under Article 11 of the WIPO Copyright Treaty adopted on December 20, 1996, and/or similar international agreements.
- e. Exceptions and Limitations means fair use, fair dealing, and/or any other exception or limitation to Copyright and Similar Rights that applies to Your use of the Licensed Material.
- f. Licensed Material means the artistic or literary work, database, or other material to which the Licensor applied this Public License.
- g. Licensed Rights means the rights granted to You subject to the terms and conditions of this Public License, which are limited to all Copyright and Similar Rights that apply to Your use of the Licensed Material and that the Licensor has authority to license.
- h. Licensor means the individual(s) or entity(ies) granting rights under this Public License.
- i. Share means to provide material to the public by any means or process that requires permission under the Licensed Rights, such as reproduction, public display, public performance, distribution, dissemination, communication, or importation, and to make material available to the public including in ways that members of the public may access the material from a place and at a time individually chosen by them.
- j. Sui Generis Database Rights means rights other than copyright resulting from Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, as amended and/or succeeded, as well as other essentially equivalent rights anywhere in the world.
- k. You means the individual or entity exercising the Licensed Rights under this Public License. Your has a corresponding meaning.

Section 2 – Scope.

a. License grant.

1. Subject to the terms and conditions of this Public License, the Licensor hereby grants You a worldwide, royalty-free, non-sublicensable, non-exclusive, irrevocable license to exercise the Licensed Rights in the Licensed Material to:

A. reproduce and Share the Licensed Material, in whole or in part; and

B. produce, reproduce, and Share Adapted Material.

2. Exceptions and Limitations. For the avoidance of doubt, where Exceptions and Limitations apply to Your use, this Public License does not apply, and You do not need to comply with its terms and conditions.

3. Term. The term of this Public License is specified in Section 6(a).

4. Media and formats; technical modifications allowed. The Licensor authorizes You to exercise the Licensed Rights in all media and formats whether now known or hereafter created, and to make technical modifications necessary to do so. The Licensor waives and/or agrees not to assert any right or authority to forbid You from making technical modifications necessary to exercise the Licensed Rights, including technical modifications necessary to circumvent Effective Technological Measures. For purposes of this Public License, simply making modifications authorized by this Section 2(a)(4) never produces Adapted Material.

5. Downstream recipients.

A. Offer from the Licensor – Licensed Material. Every recipient of the Licensed Material automatically receives an offer from the Licensor to exercise the Licensed Rights under the terms and conditions of this Public License.

B. No downstream restrictions. You may not offer or impose any additional or different terms or conditions on, or apply any Effective Technological Measures to, the Licensed Material if doing so restricts exercise of the Licensed Rights by any recipient of the Licensed Material.

6. No endorsement. Nothing in this Public License constitutes or may be construed as permission to assert or imply that You are, or that Your use of the Licensed Material is, connected with, or sponsored, endorsed, or granted official status by, the Licensor or others designated to receive attribution as provided in Section 3(a)(1)(A)(i).

b. Other rights.

1. Moral rights, such as the right of integrity, are not licensed under this Public License, nor are publicity, privacy, and/or other similar personality rights; however, to the extent possible, the Licensor waives and/or agrees not to assert any such rights held by the Licensor to the limited extent necessary to allow You to exercise the Licensed Rights, but not otherwise.

2. Patent and trademark rights are not licensed under this Public License.

3. To the extent possible, the Licensor waives any right to collect royalties from You for the exercise of the Licensed Rights, whether directly or through a collecting society under any voluntary or waivable statutory or compulsory licensing scheme. In all other cases the Licensor expressly reserves any right to collect such royalties.

Section 3 – License Conditions.

Your exercise of the Licensed Rights is expressly made subject to the following conditions.

a. Attribution.

1. If You Share the Licensed Material (including in modified form), You must:

A. retain the following if it is supplied by the Licensor with the Licensed Material:

i. identification of the creator(s) of the Licensed Material and any others designated to receive attribution, in any reasonable manner requested by the Licensor (including by pseudonym if designated);

ii. a copyright notice;

iii. a notice that refers to this Public License;

iv. a notice that refers to the disclaimer of warranties;

v. a URI or hyperlink to the Licensed Material to the extent reasonably practicable;

B. indicate if You modified the Licensed Material and retain an indication of any previous modifications; and

C. indicate the Licensed Material is licensed under this Public License, and include the text of, or the URI or hyperlink to, this Public License.

2. You may satisfy the conditions in Section 3(a)(1) in any reasonable manner based on the medium, means, and context in which You Share the Licensed Material. For example, it may be reasonable to satisfy the conditions by providing a URI or hyperlink to a resource that includes the required information.

3. If requested by the Licensor, You must remove any of the information required by Section 3(a)(1)(A) to the extent reasonably practicable.

4. If You Share Adapted Material You produce, the Adapter's License You apply must not prevent recipients of the Adapted Material from complying with this Public License.

Section 4 – Sui Generis Database Rights.

Where the Licensed Rights include Sui Generis Database Rights that apply to Your use of the Licensed Material:

- a. for the avoidance of doubt, Section 2(a)(1) grants You the right to extract, reuse, reproduce, and Share all or a substantial portion of the contents of the database;
- b. if You include all or a substantial portion of the database contents in a database in which You have Sui Generis Database Rights, then the database in which You have Sui Generis Database Rights (but not its individual contents) is Adapted Material; and
- c. You must comply with the conditions in Section 3(a) if You Share all or a substantial portion of the contents of the database.

For the avoidance of doubt, this Section 4 supplements and does not replace Your obligations under this Public License where the Licensed Rights include other Copyright and Similar Rights.

Section 5 – Disclaimer of Warranties and Limitation of Liability.

- a. Unless otherwise separately undertaken by the Licensor, to the extent possible, the Licensor offers the Licensed Material as-is and as-available, and makes no representations or warranties of any kind concerning the Licensed Material, whether express, implied, statutory, or other. This includes, without limitation, warranties of title, merchantability, fitness for a particular purpose, non-infringement, absence of latent or other defects, accuracy, or the presence or absence of errors, whether or not known or discoverable. Where disclaimers of warranties are not allowed in full or in part, this disclaimer may not apply to You.
- b. To the extent possible, in no event will the Licensor be liable to You on any legal theory (including, without limitation, negligence) or otherwise for any direct, special, indirect, incidental, consequential, punitive, exemplary, or other losses, costs, expenses, or damages arising out of this Public License or use of the Licensed Material, even if the Licensor has been advised of the possibility of such losses, costs, expenses, or damages. Where a limitation of liability is not allowed in full or in part, this limitation may not apply to You.
- c. The disclaimer of warranties and limitation of liability provided above shall be interpreted in a manner that, to the extent possible, most closely approximates an absolute disclaimer and waiver of all liability.

Section 6 – Term and Termination.

- a. This Public License applies for the term of the Copyright and Similar Rights licensed here. However, if You fail to comply with this Public License, then Your rights under this Public License terminate automatically.
- b. Where Your right to use the Licensed Material has terminated under Section 6(a), it reinstates:
 1. automatically as of the date the violation is cured, provided it is cured within 30 days of Your discovery of the violation; or
 2. upon express reinstatement by the Licensor.
- c. For the avoidance of doubt, this Section 6(b) does not affect any right the Licensor may have to seek remedies for Your violations of this Public License.
- d. For the avoidance of doubt, the Licensor may also offer the Licensed Material under separate terms or conditions or stop distributing the Licensed Material at any time; however, doing so will not terminate this Public License.
- e. Sections 1, 5, 6, 7, and 8 survive termination of this Public License.

Section 7 – Other Terms and Conditions.

- a. The Licensor shall not be bound by any additional or different terms or conditions communicated by You unless expressly agreed.
- b. Any arrangements, understandings, or agreements regarding the Licensed Material not stated herein are separate from and independent of the terms and conditions of this Public License.

Section 8 – Interpretation.

- a. For the avoidance of doubt, this Public License does not, and shall not be interpreted to, reduce, limit, restrict, or impose conditions on any use of the Licensed Material that could lawfully be made without permission under this Public License.
- b. To the extent possible, if any provision of this Public License is deemed unenforceable, it shall be automatically reformed to the minimum extent necessary to make it enforceable. If the provision cannot be reformed, it shall be severed from this Public License without affecting the enforceability of the remaining terms and conditions.
- c. No term or condition of this Public License will be waived and no failure to comply consented to unless expressly agreed to by the Licensor.
- d. Nothing in this Public License constitutes or may be interpreted as a limitation upon, or waiver of, any privileges and immunities that apply to the Licensor or You, including from the legal processes of any jurisdiction or authority.

Creative Commons is not a party to its public licenses. Notwithstanding, Creative Commons may elect to apply one of its public licenses to material it publishes and in those instances will be considered the "Licensor." The text of the Creative Commons public licenses is dedicated to the public domain under the CC0 Public Domain Dedication. Except for the limited purpose of indicating that material is shared under a Creative Commons public license or as otherwise permitted by the Creative Commons policies published at creativecommons.org/policies, Creative Commons does not authorize the use of the trademark "Creative Commons" or any other trademark or logo of Creative Commons without its prior written consent including, without limitation, in connection with any unauthorized modifications to any of its public licenses or any other arrangements, understandings, or agreements concerning use of licensed material. For the avoidance of doubt, this paragraph does not form part of the public licenses.

Creative Commons may be contacted at creativecommons.org.

Eclipse Public License 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
 - i) changes to the Program, and
 - ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

2. GRANT OF RIGHTS

- a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.
- b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.
- c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.
- d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

- a) it complies with the terms and conditions of this Agreement; and
- b) its license agreement:
 - i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
 - ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
 - iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and
 - iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
- b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

Eclipse Public License 2.0

Eclipse Public License - v 2.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial content Distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
 - i) changes to the Program, and
 - ii) additions to the Program;

where such changes and/or additions to the Program originate from and are Distributed by that particular Contributor. A Contribution "originates" from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include changes or additions to the Program that are not Modified Works.

"Contributor" means any person or entity that Distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions Distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement or any Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other form, that is based on (or derived from) the Program and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that results from an addition to, deletion from, or modification of the contents of the Program, including, for purposes of clarity any new file in Source Code form that contains any contents of the Program. Modified Works shall not include works that contain only declarations, interfaces, types, classes, structures, or files of the Program solely in each case in order to link to, bind by name, or subclass the Program or Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available in any manner that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Secondary License" means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).

3. REQUIREMENTS

3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and

b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:

i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and

iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.

3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and

b) a copy of this Agreement must be included with each copy of the Program.

3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ("notices") contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

"This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}."

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

GNU General Public License v2.0 with Classpath exception

GNU General Public License v2.0 w/Classpath exception

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright © 1989, 1991 Free Software Foundation, Inc.

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.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, 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 or use pieces of it in new free programs; and that you know you can do these things.

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 software, or if you modify it.

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

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, 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 redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's 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 give any other recipients of the Program a copy of this License along with the Program.

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 Program or any portion of it, thus forming a work based on the Program, 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) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, 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 Program, 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 Program.

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

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

a) 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,

b) 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,

c) 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.)

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.

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

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program 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.

5. 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 Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program 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 to this License.

7. 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 Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program 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 Program.

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.

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.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the 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.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", 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 Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, 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.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" 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 PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. 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 PROGRAM 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 PROGRAM (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 PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

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 an idea of what it does.>

Copyright © <yyyy> <name of author>

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

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, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, 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 © 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

This General Public License does not permit incorporating your program into 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 Lesser General Public License instead of this License.

Class Path Exception

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

GNU Lesser General Public License v2.1 only

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright © 1991, 1999 Free Software Foundation, Inc.

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.]

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. 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.

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:

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.

9. 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.

10. 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.

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.

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.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. 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.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", 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.

14. 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.

NO WARRANTY

15. 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 "AS IS" 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.

16. 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.

END OF TERMS AND CONDITIONS

GNU Lesser General Public License v3.0 only

GNU LESSER GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<https://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.

0. Additional Definitions.

As used herein, "this License" refers to version 3 of the GNU Lesser General Public License, and the "GNU GPL" refers to version 3 of the GNU General Public License.

"The Library" refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version".

The "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or

b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.

3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the object code with a copy of the GNU GPL and this license document.

4. Combined Works.

You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:

a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the Combined Work with a copy of the GNU GPL and this license document.

c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.

d) Do one of the following:

0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

5. Combined Libraries.

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 that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

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

6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU 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.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

GNU GENERAL PUBLIC LICENSE

Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<https://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

TERMS AND CONDITIONS

0. Definitions.

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

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

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

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

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

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

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

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

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

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

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

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

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

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

- a) The work must carry prominent notices stating that you modified it, and giving a relevant date.
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
- c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

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

6. Conveying Non-Source Forms.

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

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular 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.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

12. No Surrender of Others' Freedom.

If 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 convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU 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.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" 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 PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM 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 PROGRAM (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 PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

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 state 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 © <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 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 <<https://www.gnu.org/licenses/>>.

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

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

<program> Copyright © <year> <name of author>

This program 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, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <<https://www.gnu.org/licenses/>>.

The GNU General Public License does not permit incorporating your program into 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 Lesser General Public License instead of this License. But first, please read <<https://www.gnu.org/licenses/why-not-lgpl.html>>.

GNU Library General Public License v2 only

GNU LIBRARY GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright © 1991 Free Software Foundation, Inc.

51 Franklin St, 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 library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your 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 Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, 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 or use pieces of it in new free programs; and that you know you can do these things.

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.

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

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

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

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

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

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

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

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

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

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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

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

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

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

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

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

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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

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

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

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

9. 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.

10. 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 to this License.

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.

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.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library 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.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", 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.

14. 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.

NO WARRANTY

15. 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 "AS IS" 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.

16. 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.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

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).

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 an idea of what it does.

Copyright © year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 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 Library General Public License for more details.

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

Mozilla Public License 1.1

Mozilla Public License Version 1.1

1. Definitions.

1.0.1. "Commercial Use" means distribution or otherwise making the Covered Code available to a third party.

1.1. "Contributor" means each entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.

1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.

1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.

1.5. "Executable" means Covered Code in any form other than Source Code.

1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License" means this document.

1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:

Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. Source Code License.

2.1. The Initial Developer Grant. The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

a. under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and

b. under Patent Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

c. the licenses granted in this Section 2.1 (a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

d. Notwithstanding Section 2.1 (b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.

2.2. Contributor Grant. Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license

a. under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and

b. under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

c. the licenses granted in Sections 2.2 (a) and 2.2 (b) are effective on the date Contributor first makes Commercial Use of the Covered Code.

d. Notwithstanding Section 2.2 (b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Application of License. The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

3.2. Availability of Source Code. Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

3.3. Description of Modifications. You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

3.4. Intellectual Property Matters

(a) Third Party Claims

If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

(b) Contributor APIs

If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.

© Representations.

Contributor represents that, except as disclosed pursuant to Section 3.4 (a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.

3.5. Required Notices. You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.6. Distribution of Executable Versions. You may distribute Covered Code in Executable form only if the requirements of Sections 3.1, 3.2, 3.3, 3.4 and 3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.7. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

4. Inability to Comply Due to Statute or Regulation.

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Application of this License.

This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.

6. Versions of the License.

6.1. New Versions

Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

6.2. Effect of New Versions

Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.

6.3. Derivative Works

If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

7. DISCLAIMER OF WARRANTY

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

8. Termination

8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:

a. such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.

b. any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.

8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

9. LIMITATION OF LIABILITY

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. government end users

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

11. Miscellaneous

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

12. Responsibility for claims

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

13. Multiple-licensed code

Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the MPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.

Exhibit A - Mozilla Public License.

"The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is _____.

The Initial Developer of the Original Code is _____.

Portions created by _____ are Copyright © _____. All Rights Reserved.

Contributor(s): _____.

Alternatively, the contents of this file may be used under the terms of the _____ license (the "_____" License"), in which case the provisions of _____ License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the _____ License and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the _____ License. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the _____ License."

NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.

Mozilla Public License 2.0

Mozilla Public License Version 2.0

1. Definitions

1.1. "Contributor" means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version" means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution" means Covered Software of a particular Contributor.

1.4. "Covered Software" means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form" means any form of the work other than Source Code Form.

1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License" means this document.

1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications" means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form" means the form of the work preferred for making modifications.

1.14. "You" (or "Your") means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

(a) for any code that a Contributor has removed from Covered Software; or

(b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

© under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Elastic License 2.0 (ELv2)

Elastic License 2.0

URL: <https://www.elastic.co/licensing/elastic-license>

Acceptance

By using the software, you agree to all of the terms and conditions below.

Copyright License

The licensor grants you a non-exclusive, royalty-free, worldwide, non-sublicensable, non-transferable license to use, copy, distribute, make available, and prepare derivative works of the software, in each case subject to the limitations and conditions below.

Limitations

You may not provide the software to third parties as a hosted or managed service, where the service provides users with access to any substantial set of the features or functionality of the software.

You may not move, change, disable, or circumvent the license key functionality in the software, and you may not remove or obscure any functionality in the software that is protected by the license key.

You may not alter, remove, or obscure any licensing, copyright, or other notices of the licensor in the software. Any use of the licensor's trademarks is subject to applicable law.

Patents

The licensor grants you a license, under any patent claims the licensor can license, or becomes able to license, to make, have made, use, sell, offer for sale, import and have imported the software, in each case subject to the limitations and conditions in this license. This license does not cover any patent claims that you cause to be infringed by modifications or additions to the software. If you or your company make any written claim that the software infringes or contributes to infringement of any patent, your patent license for the software granted under these terms ends immediately. If your company makes such a claim, your patent license ends immediately for work on behalf of your company.

Notices

You must ensure that anyone who gets a copy of any part of the software from you also gets a copy of these terms.

If you modify the software, you must include in any modified copies of the software prominent notices stating that you have modified the software.

No Other Rights

These terms do not imply any licenses other than those expressly granted in these terms.

Termination

If you use the software in violation of these terms, such use is not licensed, and your licenses will automatically terminate. If the licensor provides you with a notice of your violation, and you cease all violation of this license no later than 30 days after you receive that notice, your licenses will be reinstated retroactively. However, if you violate these terms after such reinstatement, any additional violation of these terms will cause your licenses to terminate automatically and permanently.

No Liability

As far as the law allows, the software comes as is, without any warranty or condition, and the licensor will not be liable to you for any damages arising out of these terms or the use or nature of the software, under any kind of legal claim.

Definitions

The ****licensor**** is the entity offering these terms, and the ****software**** is the software the licensor makes available under these terms, including any portion of it.

****you**** refers to the individual or entity agreeing to these terms.

****your company**** is any legal entity, sole proprietorship, or other kind of organization that you work for, plus all organizations that have control over, are under the control of, or are under common control with that organization. ****control**** means ownership of substantially all the assets of an entity, or the power to direct its management and policies by vote, contract, or otherwise. Control can be direct or indirect.

****your licenses**** are all the licenses granted to you for the software under these terms.

****use**** means anything you do with the software requiring one of your licenses.

****trademark**** means trademarks, service marks, and similar rights.

Restricted Rights

This clause applies to all acquisitions of Dassault Systèmes Offerings by or for the United States federal government, or by any prime contractor or subcontractor (at any tier) under any contract, grant, cooperative agreement or other activity with the federal government. The software, documentation and any other technical data provided hereunder is commercial in nature and developed solely at private expense. The Software is delivered as "Commercial Computer Software" as defined in DFARS 252.227-7014 (June 1995) or as a "Commercial Item" as defined in FAR 2.101(a) and as such is provided with only such rights as are provided in Dassault Systèmes standard commercial end user license agreement. Technical data is provided with limited rights only as provided in DFAR 252.227-7015 (Nov. 1995) or FAR 52.227-14 (June 1987), whichever is applicable. The terms and conditions of the Dassault Systèmes standard commercial end user license agreement shall pertain to the United States government's use and disclosure of this software, and shall supersede any conflicting contractual terms and conditions. If the DS standard commercial license fails to meet the United States government's needs or is inconsistent in any respect with United States Federal law, the United States government agrees to return this software, unused, to DS. The following additional statement applies only to acquisitions governed by DFARS Subpart 227.4 (October 1988): "Restricted Rights - use, duplication and disclosure by the Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252-227-7013 (Oct. 1988)

No Magic 2024x HF2 is © 2019 - 2024 No Magic, Inc., a Dassault Systèmes affiliate