

Open Source Software

Software	Version	License	Link	Link to License	Comment
antlr-runtime	3.5.2	BSD	https://github.com/antlr/antlr3	http://antlr.org/license.html	
Apache ANT	1.9.4	Apache V2.0	http://ant.apache.org	http://www.apache.org/licenses/LICENSE-2.0	Build tool
Apache Axis	1.4	Apache V2.0	https://axis.apache.org/axis/	http://www.apache.org/licenses/LICENSE-2.0	SOAP
Apache Commons	various versions	Apache V2.0	http://commons.apache.org	http://www.apache.org/licenses/LICENSE-2.0	
Apache CXF	2.7.8	Apache V2.0	http://cxf.apache.org	http://www.apache.org/licenses/LICENSE-2.0	JAX-WS and JAX-RS (REST)
Apache Felix	4.2.1, 5.6.8	Apache V2.0	http://felix.apache.org	http://www.apache.org/licenses/LICENSE-2.0	OSGi Framework
Apache FOP	1.1	Apache V2.0	http://xmlgraphics.apache.org/fop/	http://www.apache.org/licenses/LICENSE-2.0	XSL formatting objects, includes http://xmlgraphics.apache.org/batik/ , http://xmlgraphics.apache.org/commons/ , http://avalon.apache.org/closed.html , http://offo.sourceforge.net
Apache FreeMarker	2.3.26	Apache V2.0	http://freemarker.incubator.apache.org/	http://www.apache.org/licenses/LICENSE-2.0	
Apache Geronimo	2.2	Apache V2.0	http://geronimo.apache.org/	http://www.apache.org/licenses/LICENSE-2.0	JAX-WS Spec 2.2
Apache HttpClient	4.5.3, 4.3.3	Apache V2.0	https://hc.apache.org/downloads.cgi	http://www.apache.org/licenses/LICENSE-2.0	httpClient and httpCore
Apache logging services	1.2.14	Apache V2.0	http://logging.apache.org	http://www.apache.org/licenses/LICENSE-2.0	
Apache Mina	2.0.9	Apache V2.0	http://mina.apache.org	http://www.apache.org/licenses/LICENSE-2.0	Network application framework
Apache Neethi	3.0.2	Apache V2.0	http://ws.apache.org/neethi/	http://www.apache.org/licenses/LICENSE-2.0	Framework to use WS Policy
Apache PDFBox	1.8.10	Apache V2.0	https://pdfbox.apache.org/index.html	http://www.apache.org/licenses/LICENSE-2.0	
Apache POI	3.7-20101029	Apache V2.0	http://poi.apache.org	http://www.apache.org/licenses/LICENSE-2.0	Java API for Microsoft Documents
Apache Tomcat		Apache V2.0	http://tomcat.apache.org	http://www.apache.org/licenses/LICENSE-2.0	Web server
Apache Wss4j	1.6.13	Apache V2.0	http://ws.apache.org/wss4j/	http://www.apache.org/licenses/LICENSE-2.0	Web Services Security for Java
Apache Xalan-Java	2.7.1	Apache V2.0	http://xml.apache.org/xalan-j/	http://www.apache.org/licenses/LICENSE-2.0	XSL parser
Apache Xerces	2.11.0	Apache V2.0	http://xerces.apache.org	http://www.apache.org/licenses/LICENSE-2.0	XML parser
Apache Xmlsec	1.5.6, 2.0.8	Apache V2.0	http://santuario.apache.org	http://www.apache.org/licenses/LICENSE-2.0	Apache XML Security for Java
Apache Velocity	1.7.0	Apache V2.0	http://velocity.apache.org/	http://www.apache.org/licenses/LICENSE-2.0	Velocity is a Java-based template engine. It permits anyone to use a simple yet powerful template language to reference objects defined in Java code.
ASM	3.3.1	BSD	http://asm.ow2.org	http://asm.ow2.org/license.html	Java bytecode manipulation
AWS SDK for Java	1.10.33, 1.11.194	Apache V2.0	https://aws.amazon.com/de/sdk-for-java/	http://www.apache.org/licenses/LICENSE-2.0	Java API for Amazon Web Services
Barcode4J	2.1.0	Apache V2.0	http://barcode4j.sourceforge.net	http://www.apache.org/licenses/LICENSE-2.0	
Beanshell	2.0b4	LGPL	http://www.beanshell.org/home.html	http://www.beanshell.org/license.html	Java source interpreter
Bean Validation API	1.0.0	Apache V2.0	http://beanvalidation.org	http://www.apache.org/licenses/LICENSE-2.0	
Bouncy Castle	16-145, 15-156	MIT	https://www.bouncycastle.org/index.html	https://www.bouncycastle.org/licence.html	Crypto APIs

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cryptacular	1.2	Apache V2.0	http://www.cryptacular.org/ https://github.com/vt-middleware/cryptacular	https://github.com/vt-middleware/cryptacular/blob/master/LICENSE-apache2	Complement Library to Bounty Castle
CUP LALR parser generator	11a	Other	http://www2.cs.tum.edu/projects/cup/index.php	http://www2.cs.tum.edu/projects/cup/licence.php	
DJ Project	1.0.2	LGPL	http://djproject.sourceforge.net/main/index.html		UI experience tool
dom4j	1.6.1	BSD	http://www.dom4j.org/dom4j-1.6.1/	https://github.com/apache/zeppelin/blob/master/zeppelin-distribution/src/bin_license/licenses/LICENSE-dom4j-1.6.1	Library for working with XML, XPath and XSLT with full support for DOM, SAX and JAXP
Eclipse JDT Core Batch Compiler	4.4.1	Eclipse V1.0	https://github.com/eclipse/eclipse.jdt.core	http://www.eclipse.org/org/documents/epl-v10.php	
Eclipse SWT	3.7m5	Eclipse V1.0	https://www.eclipse.org/swt/	http://www.eclipse.org/org/documents/epl-v10.php	
ExifTool	10.7	Artistic	http://www.sno.phy.queensu.ca/~phil/exiftool/	http://www.sno.phy.queensu.ca/~phil/exiftool/#license , http://dev.perl.org/licenses/ , http://dev.perl.org/licenses/artistic.html	Meta Information extraction and writing
FastInfoset	1.0	Apache V2.0	http://www.java2s.com/Code/Jar/f/Downloadfastinfoset102jar.htm	http://www.apache.org/licenses/LICENSE-2.0	Implementation of the Fast Infoset Standard for Binary XML
Flexmark	0.14.0	BSD	https://github.com/vsich/flexmark-java	https://github.com/vsich/flexmark-java/blob/master/LICENSE.txt	Documentation generation
gentyref	1.1.0	Apache V2.0	https://code.google.com/p/gentyref/	http://www.apache.org/licenses/LICENSE-2.0	Type reflection of generic types
Google Closure Compiler	20110811, 20170423	Apache V2.0	https://developers.google.com/closure/compiler/	http://www.apache.org/licenses/LICENSE-2.0	The Closure Compiler is a tool for making JavaScript download and run faster.
Apache Groovy	2.4.7	Apache V2.0	http://groovy-lang.org/	http://www.apache.org/licenses/LICENSE-2.0	Core libraries for groovy language
gson	2.8.0	Apache V2.0	https://github.com/google/gson	http://www.apache.org/licenses/LICENSE-2.0	
Google Guice	3.0	Apache V2.0	https://github.com/google/guice	http://www.apache.org/licenses/LICENSE-2.0	including https://github.com/mycila/guice
Google Guava	20.0	Apache V2.0	https://github.com/google/guava	http://www.apache.org/licenses/LICENSE-2.0	
Google Web Toolkit	2.4.0	Apache V2.0	http://www.gwtproject.org/	http://www.apache.org/licenses/LICENSE-2.0	Web Framework
ICU International Components for Unicode	49.1	Other	http://site.icu-project.org	http://site.icu-project.org , http://www.unicode.org/copyright.html#License	
iText PDF	2.1.7	MPL v1.1	http://itextpdf.com/		PDF library Version 2.1.7 used
Jackson JSON processor	2.5.3, 2.6.7	Apache V2.0	http://wiki.fasterxml.com/JacksonHome	http://wiki.fasterxml.com/JacksonLicense	
Janel		MIT	http://www.redskaper.com/Janel.jsp	http://www.redskaper.com/Janel.jsp , http://www.redskaper.com/JanelLicense.txt	Java native executable for Windows
Java Chromium Embedded Framework	3.2171.1880.114	BSD	https://bitbucket.org/chromiumembedded/java-cef	See source file LICENSE.txt (https://bitbucket.org/chromiumembedded/java-cef)	
java-image-scaling	0.8.6	BSD	https://github.com/mortennobel/java-image-scaling	https://github.com/mortennobel/java-image-scaling/blob/master/license.txt	The purpose of the library is to provide better image scaling options than the Java runtime provides.
JavaMail	1.4.4	CDDL v1.1	https://java.net/projects/javamail/	https://glassfish.java.net/public/CDDL+GPL_1_1.html	Java mail API
JAXB	2.2.6	CDDL v1.1	https://jaxb.java.net/	https://glassfish.java.net/public/CDDL+GPL_1_1.html	Java Architecture for XML Binding 2.0
JAX-WS	21	CDDL v1.1	https://jax-ws.java.net/	https://glassfish.java.net/public/CDDL+GPL_1_1.html	JAX-WS Reference Implementation
JDOM	1.1.1	Apache-style	http://www.jdom.org/	http://www.jdom.org/docs/faq.html#a0030 , https://code.google.com/archive/p/fits/wikis/jdom_license_wiki	Java-based solution for accessing, manipulating, and outputting XML data from Java code
Jericho HTML Parser	3.4	Apache V2.0	http://jericho.htmlparser.net/docs/index.html	http://www.apache.org/licenses/LICENSE-2.0	
Jettison	1.3.4	Apache V2.0	http://mvnrepository.com/artifact/org.codehaus.jettison/jettison/1.3.4	http://www.apache.org/licenses/LICENSE-2.0	A StAX implementation for JSON

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Jetty	8.1.16.v20140903, 9.2.11.v20150529, 9.4.7.v20170914	Apache V2.0	http://www.eclipse.org/jetty/	http://www.apache.org/licenses/LICENSE-2.0	Web Server
JFlex	1.4.2_03-b02	BSD	http://jflex.de/	http://jflex.de/copying.html	Lexical analyzer generator for Java
JNA	4.1.0	Apache V2.0	https://github.com/twall/jna	http://www.apache.org/licenses/LICENSE-2.0	Java Native Access
Joda time	2.8.1, 2.9.7	Apache V2.0	http://www.joda.org/joda-time/	http://www.apache.org/licenses/LICENSE-2.0	Basic types for Date and Time
JODConverter	2.2.2	LGPL	https://code.google.com/p/jodconverter/	http://www.gnu.org/licenses/lgpl.html	OpenOffice API, will be replaced by OpenOffice API "UNO" (https://wiki.openoffice.org/wiki/Documentation/DevGuide)
JUnicode	0.1.1	Apache V2.0	https://github.com/qcardone/junicode	http://www.apache.org/licenses/LICENSE-2.0	A Unicode to ASCII Java Library
JUnit	4.11, 4.12	Eclipse V1.0	http://junit.org		Test framework
Jra	1.0-alpha-4	Apache V2.0	http://www.docjar.com/jar_detail/jra-1.0-alpha-4.jar.html	http://www.apache.org/licenses/LICENSE-2.0	Java Rest Annotations
Java Secure Channel	0.1.53	BSD	http://www.icraft.com/jsch/	http://www.icraft.com/jsch/LICENSE.txt	Java implementation of SSH2
kiwi-java		BSD	https://github.com/alexbirkett/kiwi-java	https://github.com/alexbirkett/kiwi-java/blob/master/LICENSE	Java Cassowary Linear Constraint Solver Algorithm
less4j	1.17.2	Apache V2.0	https://github.com/SomMeri/less4j	http://www.apache.org/licenses/LICENSE-2.0	Java less compiler
logback	1.1.7, 1.2.3	Eclipse V1.0	http://logback.qos.ch	http://www.eclipse.org/legal/epl-v10.html	Logging library for Java
LunrJS	0.7.2	MIT	https://lunrjs.com/	https://github.com/olivernn/lunr.js/blob/master/LICENSE	Search engine for the Developer Documentation
mapdb	1.0.9	Apache V2.0	https://github.com/jankotek/mapdb	http://www.apache.org/licenses/LICENSE-2.0	MapDB provides concurrent Maps, Sets and Queues backed by disk storage or off-heap memory.
metrics-core	3.2.1	Apache V2.0	http://metrics.dropwizard.io/	http://www.apache.org/licenses/LICENSE-2.0	Metrics provides a powerful toolkit of ways to measure the behavior of critical components in your production environment.
Milton WebDAV	1.5.6	Apache V2.0	http://milton.io	http://milton.io/about/license/index.html	Basic Webdav only, no longer in use
mockito	1.10.19	MIT	http://site.mockito.org	http://github.com/mockito/mockito/blob/master/LICENSE	Mock objects library for java
msv	2011.1	BSD	https://github.com/kohsuke/msv	https://github.com/kohsuke/msv/blob/master/rmqconverter/doc/license.txt	Multi-Schema Validator
net.shibboleth.utilities.java-support	7.2.0	Apache V2.0	https://wiki.shibboleth.net/confluence/display/DEV/Source+Code+Access	http://www.apache.org/licenses/LICENSE-2.0	
opensaml	3.3.0	Apache V2.0	https://wiki.shibboleth.net/confluence/display/OS30	http://www.apache.org/licenses/LICENSE-2.0	
Okapi Framework	1.1.1	LGPL	http://okapi.sourceforge.net	http://www.gnu.org/copyleft/lesser.html	Translation and localization framework
OpenOffice UDK		Apache V2.0	http://www.openoffice.org/udk/	http://www.apache.org/licenses/LICENSE-2.0	
Quaqua Look and Feel	8.0	BSD	http://www.randelshofer.ch/quaqua/	http://www.randelshofer.ch/quaqua/license.html	MacOS X Look and Feel
pngtastic	1.2	MIT	https://github.com/depsypher/pngtastic	https://github.com/depsypher/pngtastic/blob/master/LICENSE.txt	A pure Java PNG image optimization and manipulation library
protobuf-java	2.6.1	BSD	https://github.com/google/protobuf	https://github.com/google/protobuf/blob/master/LICENSE	
Rhino	1.7R3	MPL V1.1	https://developer.mozilla.org/en-US/docs/Mozilla/Projects/Rhino/Download_Rhino	https://www.mozilla.org/MPL/ , https://www.mozilla.org/en-US/MPL/1.1/	JavaScript 1.7R3, will update to 1.7.6
Saxon-HE	9	MPL V2.0	http://saxon.sourceforge.net	http://saxon.sourceforge.net	XML Parser
Scribe	1.3.7	MIT	http://github.com/fernandezpablo85/scribe-java	http://github.com/fernandezpablo85/scribe-java/blob/master/LICENSE.txt	OAuth Library for Java

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SLF4J	1.7.18, 1.7.25	MIT	http://www.slf4j.org	http://www.slf4j.org/license.html	Simple Logging Facade for Java
Snowball	N/A	BSD	http://snowball.tartarus.org	http://snowball.tartarus.org/license.htm !	Stemming
soot	2.3.0	LGPL	https://sable.github.io/soot/	https://github.com/Sable/soot/blob/dev/eloop/COPYING-LESSER.txt	A framework for analyzing and transforming Java Applications
Stax2	3.1.1	BSD	http://github.com/FasterXML/stax2-api	https://opensource.org/licenses/BSD-2-Clause	Extension to basic Stax 1.0 API
TypeScript	2.1.6	Apache V2.0	https://github.com/Microsoft/TypeScript/	https://github.com/Microsoft/TypeScript/blob/master/LICENSE.txt	TypeScript compiler for censhare 5 web code
UmlGraph Doclet	4.6	BSD	https://www.spinellis.gr/umlgraphfaq.html#license	https://opensource.org/licenses/BSD-2-Clause	
WAFFLE JNA	1.7	Eclipse V1.0	http://dblock.github.io/waffle/	https://raw.githubusercontent.com/dblock/waffle/master/LICENSE	WAFFLE JNA implementation
Woodstox	4.2.0	Apache V2.0	http://wiki.fasterxml.com/WoodstoxDownload	http://www.apache.org/licenses/LICENSE-2.0	XML processor that implements Stax (JSR-173) and SAX2 APIs
YUI Compressor	2.4.7	BSD	https://yuiblog.com/blog/2011/11/14/announcing-yui-compressor-2-4-7/	See source file LICENSE.txt (https://github.com/yui/yuicompressor/downloads)	JavaScript compressor which, in addition to removing comments and white-spaces, obfuscates local variables using the smallest possible variable name
Zxing	1.7	Apache V2.0	http://code.google.com/p/zxing	http://www.apache.org/licenses/LICENSE-2.0	

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Ace code editor	1.2.6	BSD	http://ace.c9.io/	https://github.com/ajaxorg/ace/blob/master/LICENSE	
Angular hotkeys	1.7.0	MIT	http://chieffancypants.github.io/angular-hotkeys/	http://chieffancypants.github.io/angular-hotkeys/	
Angular translate	2.7.2	MIT	https://github.com/angular-translate/angular-translate	https://github.com/angular-translate/angular-translate/blob/master/LICENSE	
AngularJS	1.6.2	MIT	https://angularjs.org/	https://github.com/angular/angular.js/blob/master/LICENSE	
Bootstrap	3.1.0	MIT	https://github.com/twbs/bootstrap	https://github.com/twbs/bootstrap/blob/master/LICENSE	
Chosen	1.5.0	MIT	https://github.com/harvesthq/chosen	https://github.com/harvesthq/chosen/blob/master/LICENSE.md	
D3.js	3.5.17	BSD	http://d3js.org/	https://github.com/mhstock/d3/blob/master/LICENSE	
DefinitelyTyped	N/A	MIT	http://definitelytyped.org	https://github.com/DefinitelyTyped/DefinitelyTyped/blob/master/LICENSE	TypeScript definitions for JavaScript libraries
Gridster	0.5.6	MIT	https://github.com/ducksboard/gridster.js	https://github.com/ducksboard/gridster.js/blob/master/LICENSE	
iScroll	5.1.3	MIT	http://cubiq.org/iscroll-5	https://github.com/cubiq/iscroll/blob/master/LICENSE	
jQuery	3.1.1	MIT	https://jquery.com/	https://jquery.org/license	
jQuery mousewheel	3.1.13	MIT	https://github.com/jquery/jquery-mousewheel	https://github.com/jquery/jquery-mousewheel/blob/master/LICENSE.txt	
jQuery TouchSwipe	1.6.15	MIT	http://labs.rampinteractive.co.uk/touchSwipe/demos/index.html	https://github.com/mattbryson/TouchSwipe-Plugin/blob/master/LICENSE	
jQuery UI	1.12.1	MIT	http://jqueryui.com/	https://github.com/jquery/jquery-ui/blob/master/LICENSE.txt	
malihu scroller	3.1.5	MIT	http://manos.malihu.gr/jquery-custom-content-scroller/	https://github.com/malihu/malihu-custom-scrollbar-plugin/blob/master/LICENSE.txt	
MediaElement.js	2.25.3	MIT	http://mediaelementjs.com/	https://mediaelement.mit-license.org	
Moment.js	2.17.1	MIT	http://momentjs.com/	https://github.com/moment/moment/blob/develop/LICENSE	

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Mousetrap	1.6.0	Apache V2.0	https://craig.js/killing/mice	https://github.com/ccampbell/mousetrap/blob/master/LICENSE	needed for Angular hotkeys
NVD3	1.8.5	Apache V2.0	http://nvd3.org/	https://github.com/novus/nvd3/blob/master/LICENSE.md , http://www.apache.org/licenses/LICENSE-2.0	
OpenLayers 3	3.2.1	BSD	http://openlayers.org/	https://tdrlegal.com/license/bsd-2-clause-license-(freebsd)#fulltext	
pako	1.0.4	MIT	http://nodeca.github.io/pako/	https://github.com/nodeca/pako/blob/master/LICENSE	zlib port to javascript, used for WebSocket data compression
PDF.js	1.7.308	Apache V2.0	https://github.com/mozilla/pdf.js	https://github.com/mozilla/pdf.js/blob/master/LICENSE	
Require.js	2.3.3	MIT	http://requirejs.org/	https://github.com/requirejs/requirejs/blob/master/LICENSE	
Toastr	2.1.2	MIT	https://github.com/CodeSeven/toastr	https://opensource.org/licenses/mit-license.php	
UnicodeJS	0.1.6	MIT	https://www.mediawiki.org/wiki/UnicodeJS	http://unicodejs.mit-license.org/	

Additional Software (not distributed)

Software	Version	License	Link	Link to License	Comment
FFmpeg	N/A	LGPL	https://www.ffmpeg.org/	https://www.ffmpeg.org/legal.html	Video engine
GhostScript	N/A	AGPL	http://www.ghostscript.com	http://www.artifex.com/page/licensing-information.html	Interpreter for PostScript and PDF
ImageMagick	N/A	Other	http://www.imagemagick.org/script/index.php	http://www.imagemagick.org/script/license.php	Image engine, includes https://www.cybercom.net/~dcoffin/draw/
OpenOffice	N/A	Apache V2.0	http://www.openoffice.org	http://www.openoffice.org/license.html	

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Flowplayer	N/A	commercial	http://flowplayer.org/	MZ
WIRIS Editor	N/A	commercial	http://www.wiris.com/en/editor	MZ
OutlDD	N/A	commercial	http://www.wilutions.com/outlDD/index.html	
Callback File System	N/A	commercial	https://www.eldos.com/cbfs/	