

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	
AOP Alliance	alpha1	[Public Domain]	https://sourceforge.net/projects/aop-alliance/	http://aopalliance.sourceforge.net/	Aspect-Oriented Programming (AOP) for Java
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	3.3.3	Apache v2.0	http://cxf.apache.org	http://www.apache.org/licenses/LICENSE-2.0	JAX-WS and JAX-RS (REST)
Apache Felix	5.6.8, 4.2.1	Apache v2.0	http://felix.apache.org	http://www.apache.org/licenses/LICENSE-2.0	OSGi Framework
Apache FOP	2.2	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 FtpServer	1.1.1	Apache v2.0	https://mina.apache.org/ftpservers-project/	http://www.apache.org/licenses/LICENSE-2.0	100% pure Java FTP server
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 Groovy	2.4.7	Apache v2.0	http://groovy-lang.org/	http://www.apache.org/licenses/LICENSE-2.0	Core libraries for groovy language
Apache HttpClient	4.5.4, 4.5.3, 4.4.7, 4.4.3	Apache v2.0	https://hc.apache.org/downloads.cgi	http://www.apache.org/licenses/LICENSE-2.0	httpClient and httpCore
Apache JAMES Mime4j	0.6	Apache v2.0	http://james.apache.org/mime4j	http://www.apache.org/licenses/LICENSE-2.0	
Apache logging services	1.2.14	Apache v2.0	http://logging.apache.org	http://www.apache.org/licenses/LICENSE-2.0	
Apache Mina	2.0.16	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	2.0.16	Apache v2.0	https://pdfbox.apache.org/index.html	http://www.apache.org/licenses/LICENSE-2.0	
Apache POI	4.0.1	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	2.0.8, 1.5.6	Apache v2.0	http://santuario.apache.org	http://www.apache.org/licenses/LICENSE-2.0	Apache XML Security for Java
AppleJavaExtensions	1.6	Other	https://developer.apple.com/library/archive/samplecode/AppleJavaExtensions/Introduction/Intro.html	https://developer.apple.com/library/archive/samplecode/AppleJavaExtensions/Listings/README.txt.html#apple_ref/doc/uid/DTS10000677-README.txt-DontLinkElementID_4	A jar of stub classes representing the Apple eAWT and eIO APIs for Java 6 on Mac OS X.
ASM	3.3.1	BSD	http://asm.ow2.org	http://asm.ow2.org/license.html	Java bytecode manipulation
AssertJ	3.8.0	Apache v2.0	http://joel-costigliola.github.io/assertj/	https://github.com/joel-costigliola/assertj-core/blob/master/LICENSE.md/	Fluent assertions for Java

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AWS SDK for Java	1.11.284	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	
Bean Validation API	1.1.0.Final, 1.0.0	Apache v2.0	http://beanvalidation.org/	http://www.apache.org/licenses/LICENSE-2.0	
Beanshell	2.0b6	LGPL v2.1	http://www.beanshell.org/home.html	http://www.beanshell.org/license.html	Java source interpreter
Bouncy Castle	16-1.45, 15-1.59	MIT	https://www.bouncycastle.org/index.html	https://www.bouncycastle.org/licence.html	Crypto APIs
Bouncy Castle Crypto Provider	15-1.60	MIT	https://www.bouncycastle.org/index.html	https://www.bouncycastle.org/licence.html	
Bouncy Castle PKIX Crypto API	15-1.60	MIT	https://www.bouncycastle.org/index.html	https://www.bouncycastle.org/licence.html	
cryptacular	1.2	Apache v2.0	http://www.cryptacular.org/ https://github.com/vt-middleware/cryptacular/blob/master/LICENSE-apache2	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	LALR parser generator for Java
Dependency Injection for Java	1.0	Apache v2.0	https://github.com/javax-inject/javax-inject	http://www.apache.org/licenses/LICENSE-2.0	JSR-330 Dependency Injection for Java
DJ Project	1.0.2	LGPL v2.1	http://djproject.sourceforge.net/main/index.html	https://www.gnu.org/licenses/old-licenses/lgpl-2.0	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 Project for WebSocket	1.0	EPL v2.0,	https://projects.eclipse.org/proposals/eclipse-project-websocketS	https://www.eclipse.org/legal/epl-2.0/	Java API for WebSocket (JSR-356) defines a standard API for creating web socket applications
Eclipse SWT	3.7m5	EPL v1.0	https://www.eclipse.org/swt/	http://www.eclipse.org/org/documents/epl-v1.0.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/vsch/flexmark-java	https://github.com/vsch/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	20170423, 20110811	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.
Google Guava	22.0, 14.0	Apache v2.0	https://github.com/google/guava	http://www.apache.org/licenses/LICENSE-2.0	
Google Guice	3.0, 2.9	Apache v2.0	https://github.com/google/guice	http://www.apache.org/licenses/LICENSE-2.0	including https://github.com/mycila/guice
Google Web Toolkit	2.4.0	Apache v2.0	http://www.gwtproject.org/	http://www.apache.org/licenses/LICENSE-2.0	Web Framework
gson	2.8.0	Apache v2.0	https://github.com/google/gson	http://www.apache.org/licenses/LICENSE-2.0	
Handy URI Templates	2.1.6	Apache v2.0	https://github.com/damnhandy/Handy-URI-Templates	http://www.apache.org/licenses/LICENSE-2.0	Uritemplate processor implementing RFC6570 written in Java
htmlcleaner	2.18	BSD	http://htmlcleaner.sourceforge.net/	http://htmlcleaner.sourceforge.net/license.php	Open source HTML parser written in Java
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	
istack common utility code	3.0.7	CDDL v1.1	https://github.com/javaee/jaxb-istack-commons/tree/3.0.7	https://github.com/javaee/jaxb-istack-commons/blob/3.0.7/LICENSE	
iText PDF	2.1.7	MPL v1.1	http://itextpdf.com/	https://www.mozilla.org/MPL/ , https://www.mozilla.org/en-US/MPL/1.1/	PDF library Version 2.1.7 used
Jackson JSON processor	2.9.5	Apache v2.0	http://wiki.fasterxml.com/JacksonHome	http://wiki.fasterxml.com/JacksonLicense	

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Jackson JSON processor core utils	1.0	Apache v2.0	https://github.com/fge/jackson-coreutils	https://github.com/fge/jackson-coreutils/blob/master/LICENSE	
Jackson: An RFC 6902 (JSON Patch) and reverse, plus RFC 7386 (JSON Merge Patch), implementation in Java using Jackson (2.2.x)	1.3	LGPL v3.0	https://github.com/java-json-tools/json-patch/tree/1.3	https://github.com/java-json-tools/json-patch/blob/1.3/README.markdown	
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 Concurrency In Practice“ Book Annotations	1.0	Creative Commons Attribution 2.5	http://jcip.net/annotations/doc/index.html	https://creativecommons.org/licenses/by/2.5/legalcode	
Java Secure Channel	0.1.53	BSD	http://www.jcraft.com/jsch/	http://www.jcraft.com/jsch/LICENSE.txt	Java implementation of SSH2
Java Servlet Specification	3.1	CDDL v1.1	https://javaee.github.io/servlet-spec/	https://javaee.github.io/servlet-spec/LICENSE	
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.
JavaBeans(TM) Activation Framework Specification	1.2.0	CDDL v1.1	https://github.com/javaee/activation	https://github.com/javaee/activation/blob/master/LICENSE.txt	
JavaMail	1.5.6, 1.5.5	CDDL v1.1	https://java.net/projects/javamail/	https://javaee.github.io/javamail/JavaMail-License , https://oss.oracle.com/licenses/CDDL+GPL-1.1	Java mail API
Javassist (Java Programming Assistant)	3.18.2	MPL V1.1	http://www.javassist.org/	https://github.com/jboss-javassist/javassist/blob/master/README.md	A library for editing bytecodes in Java
JAX-RPC	1.1	EPL v2.0	https://github.com/eclipse-ee4j/jax-rpc-ri	https://github.com/eclipse-ee4j/jax-rpc-ri/blob/master/LICENSE.md	Java API for XML-Based RPC Reference Implementation
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
JAXB	2.3.1, 2.2.6	CDDL v1.1	https://javaee.github.io/jaxb-v2/	https://javaee.github.io/jaxb-v2/LICENSE	Java Architecture for XML Binding 2.0
JBoss JAX-RS 2.1: The Java(TM) API for RESTful Web Services	1.0.2.Final	CDDL v1.1	https://github.com/jboss/jboss-jaxrs-api_spec/tree/jboss-jaxrs-api_2.1_spec-1.0.2.Final	https://github.com/jboss/jboss-jaxrs-api_spec/blob/jboss-jaxrs-api_2.1_spec-1.0.2.Final/LICENSE	
JBoss JSR 250: Common Annotations for the Java™ Platform v1.2	1.0.0.Final	CDDL v1.1	https://github.com/jboss/jboss-annotations-api_spec	https://github.com/jboss/jboss-annotations-api_spec/blob/master/LICENSE	
JBoss JSR-000222: Java(TM) Architecture for XML Binding (JAXB) v 2.3	1.0.0.Final	CDDL v1.1	https://github.com/jboss/jboss-jaxb-api_spec/tree/jboss-jaxb-api_2.3_spec-1.0.0.Final	https://glassfish.java.net/public/CDDL+GPL_1_1.html	
JBoss Logging Framework	3.3.1.Final	Apache V2.0	https://github.com/jboss-logging/jboss-logging/tree/3.3.1.Final	http://www.apache.org/licenses/LICENSE-2.0	
JCL over SLF4J	1.7.18	Apache v2.0	https://github.com/qos-ch/slf4j/tree/master/jcl-over-slf4j	https://github.com/qos-ch/slf4j/blob/master/jcl-over-slf4j/LICENSE.txt	JCL 1.2 Implemented Over SLF4J
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
Jetty	9.4.7, 9.2.11, 8.1.16	Apache v2.0	http://www.eclipse.org/jetty/	http://www.apache.org/licenses/LICENSE-2.0	Eclipse Jetty provides a Web server and javax.servlet container, plus support for HTTP/2, WebSocket, OSGi, JMX,

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					JNDI, JAAS and many other integrations
JFlex	1.4.2_03-b02	BSD	http://jflex.de/	http://jflex.de/copying.html	Lexical analyzer generator for Java
JNA	4.5.2	Apache v2.0	https://github.com/twall/jna	http://www.apache.org/licenses/LICENSE-2.0	Java Native Access
Joda time	2.9.7, 2.8.1	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 v3.0	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/Dev_Guide)
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
Jsass	5.7.3	MIT	https://jsass.readthedocs.io/en/latest/index.html	https://jsass.readthedocs.io/en/latest/license.html	Sass to css compilation
JSON in Java	20171018	MIT	https://github.com/stleary/JSON-java	https://www.json.org/license.html	Library to parse JSON data into a Java object model
JSON Schema Validator	1.7.0	Apache v2.0	https://github.com/everit-org/json-schema	https://github.com/everit-org/json-schema/blob/master/LICENSE.md	JSON Schema validator for java, based on the org.json API, implementing JSON Schema Draft v4, Draft v6 and Draft v7 specifications
JSONassert	1.5.0	Apache v2.0	http://jsonassert.skyscreamer.org/	http://www.apache.org/licenses/LICENSE-2.0	Library to write test assertions based on JSON object/string comparisons
JUnicode	0.1.1	Apache v2.0	https://github.com/gcardone/junicode	http://www.apache.org/licenses/LICENSE-2.0	A Unicode to ASCII Java Library
JUnit Toolbox	2.2	Apache 2.0	https://github.com/MichaelTamm/junit-toolbox	http://www.apache.org/licenses/LICENSE-2.0	Provides some useful classes for writing automated tests with JUnit
JUnit	4.12, 4.11	EPL v1.0	https://junit.org/junit4/	https://junit.org/junit4/license.html	Test framework
Keycloak Admin REST Client	5.0.0	Apache v2.0	https://mvnrepository.com/artifact/org.keycloak/keycloak-admin-client/5.0.0	http://www.apache.org/licenses/LICENSE-2.0	
Keycloak common library and dependencies shared with server and all adapters	5.0.0	Apache v2.0	https://mvnrepository.com/artifact/org.keycloak/keycloak-common/5.0.0	http://www.apache.org/licenses/LICENSE-2.0	
Keycloak Core	5.0.0	Apache v2.0	https://mvnrepository.com/artifact/org.keycloak/keycloak-core/5.0.0	http://www.apache.org/licenses/LICENSE-2.0	
kiwi-java		BSD	https://github.com/alexhirkett/kiwi-java	https://github.com/alexhirkett/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
libsass	3.5.2	MIT	http://sass-lang.com/libsass/	https://github.com/sass/libsass/blob/3.5.2/LICENSE/	sass compilation, included in jsass
logback	1.2.3, 1.1.7	EPL 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

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mockito	1.10.19, 1.9.5	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/rngconverter/doc/license.txt	Multi-Schema Validator
net.shibboleth.utilities.java-support	7.3.0	Apache v2.0	https://wiki.shibboleth.net/confluence/display/DEV/Source+Code+Access	http://www.apache.org/licenses/LICENSE-2.0	
Okapi Framework Lib	0.38	Apache v2.0	http://www.okapiframework.org/	http://www.apache.org/licenses/LICENSE-2.0	Translation and localization framework
Okapi Rainbow Lib	0.38	Apache v2.0	http://www.okapiframework.org/	http://www.apache.org/licenses/LICENSE-2.0	Translation and localization framework
Okapi XLIFF Lib	1.1.10	Apache v2.0	http://www.okapiframework.org/	http://www.apache.org/licenses/LICENSE-2.0	Translation and localization framework
Open Source implementation of the Fast Infoset Standard for Binary XML (http://www.itu.int/ITU-T/asn1/)	1.2.15	Apache v2.0	https://github.com/javaee/metro-fi	http://www.apache.org/licenses/LICENSE-2.0	Version 1.2.15 is the last release by old rules. Starting 1.2.16 this project is part of EE4J initiative https://github.com/eclipse-ee4j/jaxb-fi
OpenOffice UDK		Apache v2.0	http://www.openoffice.org/udk/	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	
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
PostgreSQL JDBC driver	9.4.1212	BSD	https://jdbc.postgresql.org/	https://jdbc.postgresql.org/about/license.html	Java JDBC 4.2 (JRE 8+) driver for PostgreSQL database
PowerMock	1.5.6	Apache v2.0	https://github.com/powermock/powermock	http://www.apache.org/licenses/LICENSE-2.0	PowerMock is a Java framework that allows you to unit test code normally regarded as untestable
Prism.js	1.9.0	MIT	http://prismjs.com/index.html	https://github.com/PrismJS/prism/blob/master/LICENSE	Prism is a lightweight, robust, elegant syntax highlighting library
Project Lombok	1.16.18	MIT	https://projectlombok.org/	https://opensource.org/licenses/mit-license.php	A java library that automatically plugs into your editor and build tools, spicing up your java
protobuf-java	2.6.1	BSD	https://github.com/google/protobuf	https://github.com/google/protobuf/blob/master/LICENSE	
Quaqua Look and Feel	8.0	BSD	http://www.randelshofer.ch/quaqua/	http://www.randelshofer.ch/quaqua/license.html	MacOS X Look and Feel
Reactive Streams	1.0.2	Creative Commons CC0 1.0 Universal	https://github.com/reactive-streams/reactive-streams-jvm/tree/v1.0.2	https://creativecommons.org/publicdomain/zero/1.0/legalcode	Standard for asynchronous stream processing with non-blocking backpressure.
Resteasy	3.6.2	Apache v2.0	https://github.com/resteasy/Resteasy/tree/3.6.2.Final/	http://www.apache.org/licenses/LICENSE-2.0	Productivity frameworks for developing client and server RESTful applications and services in Java
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
SAAJ API	1.3.0	CDDL v1.1	https://javaee.github.io/metro-saaj/	https://javaee.github.io/metro-saaj/LICENSE	Java APIs for XML Messaging: SOAP with Attachments API for Java (SAAJ API)
Saxon-HE	9	MPL v2.0	http://saxon.sourceforge.net	http://saxon.sourceforge.net	XML Parser
scribejava	6.9.0	MIT	http://github.com/scribejava/scribejava	https://github.com/scribejava/scribejava/blob/master/scribejava-6.9.0/LICENSE.txt	Oauth Library for Java
SLF4J	1.7.25, 1.7.18	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.html	Stemming
soot	2.3.0	LGPL	https://sable.github.io/soot/	https://github.com/Sable/soot/blob/develop/COPYING-LESSER.txt	A framework for analyzing and transforming Java Applications

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StAX API JSR-173 Extensions	1.8	CDDL v1.1	https://github.com/javaee/metro-stax-ex/tree/1.8	https://github.com/javaee/metro-stax-ex/blob/1.8/LICENSE	
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
TXW2 Runtime	2.3.1	CDDL v1.1	https://mvnrepository.com/artifact/org.glassfish.jaxb/txw2/2.3.1	https://javaee.github.io/glassfish/LICENSE	A library that allows you to write XML documents.
UmlGraph Doclet	4.6	BSD	https://www.spinellis.gr/umlgraphfaq.html#license	https://opensource.org/licenses/BSD-2-Clause	
Velocity	2.1	Apache v2.0	https://velocity.apache.org/	http://www.apache.org/licenses/LICENSE-2.0	Templating engine, used for SAML logout form
WAFFLE JNA	1.9.0	EPL v1.0	http://dblock.github.io/waffle/	http://dblock.github.io/waffle/license.html	WAFFLE JNA implementation
Woodstox	5.0.3	Apache v2.0	https://github.com/FasterXML/woodstox	http://www.apache.org/licenses/LICENSE-2.0	XML processor that implements Stax (JSR-173) and SAX2 APIs
WSDL4J	1.6.3	CPL v1.0	https://sourceforge.net/projects/wsdl4j/	https://opensource.org/licenses/cpl1.0.php	Java stub generator for WSDL
XML-commons	1.3.04	Apache v2.0	http://xerces.apache.org/xml-commons/	http://xerces.apache.org/xml-commons/licenses.html ; http://www.apache.org/licenses/LICENSE-2.0	Common packaging for the various externally-defined standards relating to XML - things like the DOM, SAX, and JAXP interfaces.
XmlSchema	2.0.3	Apache v2.0	http://ws.apache.org/xmlschema/	http://ws.apache.org/xmlschema/license.html ; http://www.apache.org/licenses/LICENSE-2.0	Lightweight Java object model to manipulate and generate XML schema representations, e.g. from an xsd file
XMLUnit	1.6	BSD	https://www.xmlunit.org/	https://github.com/xmlunit/xmlunit/blob/master/xmlunit-legacy/LICENSE.txt	XMLUnit is a library that supports testing XML output
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	

Open Source Software censhare 5 Web

Software	Version	License	Link	Link to License	Comment
Ace code editor	1.4.8	BSD	http://ace.c9.io/	https://github.com/ajaxorg/ace/blob/master/LICENSE	
Angular	8.2.14	MIT	https://angular.io/	https://angular.io/license	
AngularJS	1.7.9	MIT	https://angularjs.org/	https://github.com/angular/angular.js/blob/master/LICENSE	
Angular hotkeys	1.7.0	MIT	http://chieffancypants.github.io/angular-hotkeys/	http://chieffancypants.github.io/angular-hotkeys/	
Angular translate	2.18.2	MIT	https://github.com/angular-translate/angular-translate	https://github.com/angular-translate/angular-translate/blob/master/LICENSE	
Angular ui-mask	1.8.7	MIT	https://github.com/angular-ui/ui-mask	https://github.com/angular-ui/ui-mask/blob/master/LICENSE	
Core.js	2.6.5	MIT	https://github.com/zloirock/core-js	https://github.com/zloirock/core-js/blob/v2.5.5/LICENSE	
D3.js	3.5.17	BSD	http://d3js.org/	https://github.com/mbostock/d3/blob/master/LICENSE	A JavaScript visualization library for HTML and SVG.
Dart Sass	1.25.0	MIT	https://sass-lang.com/dart-sass	https://sass-lang.com/dart-sass	A pure JavaScript implementation of Sass
FabricJS	2.7.0	MIT	https://github.com/fabricjs/fabric.js	https://github.com/fabricjs/fabric.js/blob/v2.7.0/LICENSE	Standalone Image Editor
Gridster	0.5.6	MIT	https://github.com/ducksboard/gridster.js	https://github.com/ducksboard/gridster.js/blob/master/LICENSE	A drag-and-drop multi-column jQuery grid plugin

Software	Version	License	Link	Link to License	Comment
jQuery	3.4.1	MIT	https://jquery.com/	https://jquery.org/license	JavaScript library for DOM operations
jQuery mousewheel	3.1.13	MIT	https://github.com/jquery/jquery-mousewheel	https://github.com/jquery/jquery-mousewheel/blob/master/LICENSE.txt	A jQuery plugin that adds cross-browser mouse wheel support.
Leaflet	1.6.0	BSD	https://leafletjs.com/	https://github.com/Leaflet/Leaflet/blob/v1.4.0/LICENSE	JavaScript library for mobile-friendly interactive maps
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	JavaScript library for mobile-friendly interactive maps
MediaElement.js	4.2.14	MIT	http://mediaelementjs.com/	https://mediaelement.mit-license.org	
Moment.js	2.24.0	MIT	http://momentjs.com/	https://github.com/moment/moment/blob/develop/LICENSE	Parse, validate, manipulate, and display dates
Moment Timezone	0.5.27	MIT	http://momentjs.com/timezone	https://github.com/moment/moment-timezone/blob/develop/LICENSE	Parse and display moments in any timezone.
Mousetrap	1.6.5	Apache v2.0	https://craig.is/killing/mice	https://github.com/ccampbell/mousetrap/blob/master/LICENSE	Simple library for handling keyboard shortcuts. Needed for Angular hotkeys
Node Sass	4.8.3	MIT	https://github.com/sass/node-sass/tree/v4.8.3	https://github.com/sass/node-sass/blob/v4.8.3/LICENSE	
NVD3	1.8.6	Apache v2.0	http://nvd3.org/	https://github.com/novus/nvd3/blob/master/LICENSE.md	A reusable charting library written in d3.js
oclazyload	1.1.0	MIT	https://github.com/ocombe/ocLazyLoad	https://github.com/ocombe/ocLazyLoad/blob/master/LICENSE.md	Load modules on demand (lazy load) with AngularJS
pako	1.0.11	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	1.10.100	Apache v2.0	https://github.com/mozilla/pdf.js	https://github.com/mozilla/pdf.js/blob/master/LICENSE	Generic build of Mozilla's PDF.js library.
Platform.js	1.3.5	MIT	https://github.com/bestiejs/platform.js/	https://github.com/bestiejs/platform.js/blob/master/LICENSE	A platform detection library that works on nearly all JavaScript platforms
PlotlyJS	1.45.3	MIT	https://github.com/plotly/plotly.js	https://github.com/plotly/plotly.js/blob/v1.45.3/LICENSE	Chart visualizations on asset pages
Resumable.js	1.1.0	MIT	http://www.resumablejs.com	https://github.com/23/resumable.js/blob/master/MIT-LICENSE	A JavaScript library for providing multiple simultaneous, stable, fault-tolerant and resumable/restartable uploads via the HTML5 File API.
Rxjs	6.5.4	MIT	https://github.com/ReactiveX/rxjs	https://github.com/ReactiveX/rxjs/blob/master/LICENSE.txt	Reactive Extensions for modern JavaScript
System.js	0.21.6	MIT	https://github.com/systemjs/systemjs	https://github.com/systemjs/systemjs/blob/0.21/LICENSE	Dynamic ES module loader
Toastr	2.1.4	MIT	https://github.com/CodeSeven/toastr	https://github.com/CodeSeven/toastr/blob/master/LICENSE	JavaScript library for Gnome / Growl type non-blocking notifications
tslib	1.10.0	Apache v2.0	https://github.com/Microsoft/tslib	https://github.com/Microsoft/tslib/blob/master/LICENSE.txt	Runtime library for TypeScript helper functions
ui-select	0.19.8	MIT	http://github.com/angular-ui/ui-select	https://github.com/angular-ui/ui-select/blob/master/LICENSE	AngularJS-native version of Select2 and Selectize
UnicodeJS	0.2.2	MIT	https://www.mediawiki.org/wiki/UnicodeJS	http://unicodejs.mit-license.org/	A library for working with the Unicode standard
zone.js	0.9.1	MIT	https://github.com/angular/zone.js	https://github.com/angular/zone.js/blob/v0.8.29/LICENSE	Zones for JavaScript. Used by Angular

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/%7Edcoffin/dcraw/
LibreOffice	N/A	MPL v2.0	https://www.libreoffice.org/	https://www.libreoffice.org/about-us/licenses/	
OpenOffice	N/A	Apache v2.0	http://www.openoffice.org	http://www.openoffice.org/license.html	

Licensed Software

Software	Version	License	Link	Separate License Agreement	Comment
ag-Grid	N/A	commercial	https://www.ag-grid.com/	Required for all frontend developers of censhare software customers when creating new functionality to the censhare system in the sense of own developments	License Agreement to be concluded separately with ag-grid and based on special license fee rates
Callback File System	N/A	commercial	https://www.eldos.com/cbfs/	Not required	
Flowplayer	N/A	commercial	http://flowplayer.org/	Not required	MZ
OutlDD	N/A	commercial	http://www.wilutions.com/outldd/index.html	Not required	
Synthetica	N/A	commercial	http://www.javasoft.de/synthetica/	Not required	Dark look&feel for the censhare-Client
WIRIS Editor	N/A	commercial	http://www.wiris.com/en/editor	Not required	MZ