

## OPENSOURCE CREDIT DOCUMENT

NOTICE/LICENSE FOR PRODUCT: ONEDEVOPS INSIGHTS V2.27

Copyright {2021} Cognizant Technology Solutions

This product includes the following open source software and its corresponding license information.

### **NOTICES:**

COMPONENT NAME	VERSION	HOME PAGE URL (SOURCE)	LICENSE
ch.qos.logback	1.1.3, 1.2.3	<a href="#">logback-core</a>	<a href="#">Eclipse Public License - v 1.0, GNU Lesser General Public License</a>
com.eclipsesource.minimal-json	0.9.4	<a href="#">minimal-json</a>	<a href="#">MIT License</a>
com.fasterxml	1.3.4	<a href="#">classmate</a>	<a href="#">Apache v2.0</a>
jackson-annotations	2.9.0, 2.9.8, 2.10.3	<a href="#">jackson-annotations</a>	<a href="#">Apache v2.0</a>
jackson-core	2.9.8, 2.9.9, 2.10.3	<a href="#">jackson-core</a>	<a href="#">Apache v2.0</a>
jackson-databind	2.9.8, 2.9.9, 2.10.3	<a href="#">jackson-databind</a>	<a href="#">Apache v2.0</a>
com.github.dhorions	1.5	<a href="https://github.com/dhorions/boxable">https://github.com/dhorions/boxable</a>	<a href="#">Apache v2.0</a>
btf	1.2	<a href="#">btf</a>	<a href="#">Lesser General Public License, version 3 or greater, Apache v2.0</a>
msg-simple	1.1	<a href="https://github.com/fge/msg-simple">https://github.com/fge/msg-simple</a>	<a href="#">Lesser General Public License, version 3 or greater, Apache v2.0</a>
uri-template	0.9	<a href="#">uri-template</a>	<a href="#">Lesser General Public License, version 3 or greater, Apache v2.0</a>
jackson-coreutils	1.9	<a href="#">jackson-coreutils</a>	<a href="#">Lesser General Public License, version 3 or greater, Apache Software License, version 2.0</a>
json-schema-core	1.2.10	<a href="#">json-schema-core</a>	<a href="#">Lesser General Public License, version 3 or greater, Apache v2.0</a>
json-schema-validator	2.2.10	<a href="#">json-schema-validator</a>	<a href="#">Lesser General Public License, version 3 or greater, Apache v2.0</a>
json-flattener	0.2.2	<a href="#">json-flattener</a>	<a href="#">Apache v2.0</a>

proto-google-common-protos	1.0.0	<a href="#">proto-google-common-protos</a>	<a href="#">Apache v2.0</a>
jsr 305	3.0.2	<a href="https://mvnrepository.com/artifact/com.google.code.findbugs/jsr305">https://mvnrepository.com/artifact/com.google.code.findbugs/jsr305</a>	<a href="#">Apache v2.0</a>
com.google.code.findbugs	1.3.9, 3.0.1	<a href="#">jsr305</a>	<a href="#">Apache v2.0</a>
gson	2.5	<a href="https://github.com/google/gson">https://github.com/google/gson</a>	<a href="#">Apache v2.0</a>
GSON	2.8.5	<a href="https://github.com/google/gson">https://github.com/google/gson</a>	<a href="#">Apache v2.0</a>
errorprone	2.1.3, 2.2.0	<a href="https://github.com/google/error-prone">https://github.com/google/error-prone</a>	<a href="#">Apache v2.0</a>
com.google.guava	26.0-android	<a href="#">guava</a>	<a href="#">Apache v2.0</a>
com.google.guava	20, 25.0-jre, 29.0-jre	<a href="#">guava</a>	<a href="#">Apache v2.0</a>
com.google.j2objc	1.1	<a href="#">j2objc-annotations</a>	<a href="#">Apache v2.0</a>
com.google.protobuf	3.6.1	<a href="#">protobuf-java</a>	<a href="#">BSD 3-clause "New" or "Revised" License</a>
Protobuf Java Util	3.6.1	<a href="#">protobuf-java-util</a>	<a href="#">BSD 3-clause "New" or "Revised" License</a>
com.googlecode.libphonenumber	8.0.0	<a href="#">libphonenumber</a>	<a href="#">Apache v2.0</a>
com.jayway.jsonpath	2.4.0	<a href="#">json-path</a>	<a href="#">Apache v2.0</a>
jzlib	1.1.3	<a href="#">jzlib</a>	<a href="#">BSD 3-clause "New" or "Revised" License</a>
c3p0	0.9.5.4	<a href="#">c3p0</a>	<a href="#">GNU Lesser General Public License, Version 2.1, Eclipse Public License, Version 1.0</a>
mchange-commons-java	0.2.15	<a href="#">mchange-commons-java</a>	<a href="#">GNU Lesser General Public License, Version 2.1, Eclipse Public License, Version 1.0</a>
amqp-client	5.7.0	<a href="https://www.rabbitmq.com/">https://www.rabbitmq.com/</a>	<a href="#">Apache 2.0, GPL v2, MPL 1.1</a>
istack-commons-runtime	3.0.7	<a href="#">istack-commons-runtime</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
jersey-client	1.19.4	<a href="https://eclipse-ee4j.github.io/jersey/">https://eclipse-ee4j.github.io/jersey/</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>

jerseycore	1.19.4	<a href="#">jersey-core</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
com.sun.mail	1.6.2	<a href="#">javax.mail</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
com.sun.mail	1.6.0	<a href="#">javax.mail</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
com.sun.xml.fastinfoset	1.2.15	<a href="#">FastInfoset</a>	<a href="#">Apache v2.0</a>
com.vaadin.external.google	0.0.20131108.vaadin1	<a href="#">android-json</a>	<a href="#">Apache v2.0</a>
com.zaxxer	2.4.13	<a href="#">HikariCP-java7</a>	<a href="#">Apache v2.0</a>
commons-cli	1.4	<a href="#">commons-cli</a>	<a href="#">Apache v2.0</a>
commons-codec	1.13	<a href="#">commons-codec</a>	<a href="#">Apache v2.0</a>
commons-codec	1.1	<a href="#">commons-codec</a>	<a href="#">Apache v2.0</a>
commons-codec	1.12	<a href="#">commons-codec</a>	<a href="#">Apache v2.0</a>
commons-fileupload	1.4	<a href="#">commons-fileupload</a>	<a href="#">Apache v2.0</a>
commons-io	2.6	<a href="#">commons-io</a>	<a href="#">Apache v2.0</a>
commons-io	1.3.2	commons-io	<a href="#">Apache v2.0</a>
commons-io	2.2,2.8.0	<a href="#">commons-io</a>	<a href="#">Apache v2.0</a>
commons-logging	1.2	<a href="#">commons-logging</a>	<a href="#">Apache v2.0</a>
commons-net	3.6	<a href="#">commons-net</a>	<a href="#">Apache v2.0</a>
grpc-context	1.17.1	<a href="#">grpc-context</a>	<a href="#">Apache v2.0</a>
grpc-core	1.17.1	<a href="#">grpc-core</a>	<a href="#">Apache v2.0</a>
grpc-netty	1.17.1	<a href="#">grpc-netty</a>	<a href="#">Apache v2.0</a>
grpc-protobuf	1.17.1	<a href="#">grpc-protobuf</a>	<a href="#">Apache v2.0</a>

grpc-protobuf-lite	1.17.1	<a href="#">grpc-protobuf-lite</a>	<a href="#">Apache v2.0</a>
grpc-stub	1.17.1	<a href="#">grpc-stub</a>	<a href="#">Apache v2.0</a>
netty-buffer	4.1.30.Final	<a href="#">netty-buffer</a>	<a href="#">Apache v2.0</a>
netty-codec	4.1.30.Final	<a href="#">netty-codec</a>	<a href="#">Apache v2.0</a>
netty-codec-http	4.1.30.Final	<a href="#">netty-codec-http</a>	<a href="#">Apache v2.0</a>
netty-codec-http2	4.1.30.Final	<a href="#">netty-codec-http2</a>	<a href="#">Apache v2.0</a>
netty-codec-socks	4.1.30.Final	<a href="#">netty-codec-socks</a>	<a href="#">Apache v2.0</a>
netty-common	4.1.30.Final	<a href="#">netty-common</a>	<a href="#">Apache v2.0</a>
netty-handler	4.1.30.Final	<a href="#">netty-handler</a>	<a href="#">Apache v2.0</a>
netty-handler-proxy	4.1.30.Final	<a href="#">netty-handler-proxy</a>	<a href="#">Apache v2.0</a>
netty-resolver	4.1.30.Final	<a href="#">netty-resolver</a>	<a href="#">Apache v2.0</a>
netty-tcnative-boringssl-static	2.0.20.Final	<a href="#">netty-tcnative-boringssl-static</a>	<a href="#">Apache v2.0</a>
netty-transport	4.1.30.Final	<a href="#">netty-transport</a>	<a href="#">Apache v2.0</a>
netty-buffer	4.1.35.Final	<a href="#">netty-buffer</a>	<a href="#">Apache v2.0</a>
netty-codec	4.1.35.Final	<a href="#">netty-codec</a>	<a href="#">Apache v2.0</a>
netty-codec-http	4.1.35.Final	<a href="#">netty-codec-http</a>	<a href="#">Apache v2.0</a>
netty-codec-socks	4.1.35.Final	<a href="#">netty-codec-socks</a>	<a href="#">Apache v2.0</a>
netty-common	4.1.35.Final	<a href="#">netty-common</a>	<a href="#">Apache v2.0</a>
netty-handler	4.1.35.Final	<a href="#">netty-handler</a>	<a href="#">Apache v2.0</a>
netty-handler-proxy	4.1.35.Final	<a href="#">netty-handler-proxy</a>	<a href="#">Apache v2.0</a>

netty-resolver	4.1.35.Final	<a href="#">netty-resolver</a>	<a href="#">Apache v2.0</a>
netty-transport	4.1.35.Final	<a href="#">netty-transport</a>	<a href="#">Apache v2.0</a>
io.opencensus	0.17.0	<a href="#">opencensus-api</a>	<a href="#">Apache v2.0</a>
io.opencensus	0.17.0	<a href="#">opencensus-contrib-grpc-metrics</a>	<a href="#">Apache v2.0</a>
jakarta.annotation	1.3.4	<a href="#">jakarta.annotation-api</a>	<a href="#">EPL 2.0, GPL2 with class path exception</a>
jakarta.ws.rs	2.1.5	<a href="#">jakarta.ws.rs-api</a>	<a href="#">EPL 2.0, GPL2 with class path exception</a>
activation	1.1	<a href="#">activation</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
javax.activation-api	1.2.0	<a href="#">javax.activation-api</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
javax.annotation-api	1.3.2	<a href="#">javax.annotation-api</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
javax.mail	1.4.3	<a href="#">mailapi</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
javax.persistence	2.2	<a href="#">javax.persistence-api</a>	<a href="#">Eclipse Public License v1.0, Eclipse Distribution License v. 1.0</a>
javax.servlet	3.1.0, 4.0.1	<a href="#">javax.servlet-api</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
javax.validation	2.0.1.Final	<a href="#">validation-api</a>	<a href="#">Apache License, Version 2.0</a>
jsr311	1.1.1	<a href="https://mvnrepository.com/artifact/javax.ws.rs/jsr311-api/1.1.1">https://mvnrepository.com/artifact/javax.ws.rs/jsr311-api/1.1.1</a>	<a href="#">CDDL License</a>
jaxb-api	2.3.1	<a href="#">jaxb-api</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
jaxb-api	2.4.0-b180830.0359	<a href="https://mvnrepository.com/artifact/javax.xml.bind/jaxb-api/2.4.0-b180830.0359">https://mvnrepository.com/artifact/javax.xml.bind/jaxb-api/2.4.0-b180830.0359</a>	<a href="#">CDDL</a>
joda-time	2.9.7	<a href="#">joda-time</a>	<a href="#">Apache v2.0</a>
junit	3.8.1, 4.12, 4.13.1	<a href="#">junit</a>	<a href="#">Eclipse Public License 1.0</a>
bytebuddy	1.8.15, 1.9.10	<a href="https://mvnrepository.com/artifact/net.bytebuddy/byte-buddy">https://mvnrepository.com/artifact/net.bytebuddy/byte-buddy</a>	<a href="#">Apache v2.0</a>

access smart	1.2	<a href="https://mvnrepository.com/artifact/net.minidev/accessors-smart">https://mvnrepository.com/artifact/net.minidev/accessors-smart</a>	<a href="#">Apache v2.0</a>
json smart	2.3	<a href="https://mvnrepository.com/artifact/net.minidev/json-smart">https://mvnrepository.com/artifact/net.minidev/json-smart</a>	<a href="#">Apache v2.0</a>
jopt-simple	5.0.3	<a href="https://mvnrepository.com/artifact/net.sf.jopt-simple/jopt-simple">https://mvnrepository.com/artifact/net.sf.jopt-simple/jopt-simple</a>	<a href="#">MIT License</a>
htmlunit	2.34.1	<a href="https://mvnrepository.com/artifact/net.sourceforge.htmlunit/htmlunit">https://mvnrepository.com/artifact/net.sourceforge.htmlunit/htmlunit</a>	<a href="#">Apache v2.0</a>
htmlunit core js	2.34.0	<a href="https://mvnrepository.com/artifact/net.sourceforge.htmlunit/htmlunit-core-js">https://mvnrepository.com/artifact/net.sourceforge.htmlunit/htmlunit-core-js</a>	<a href="#">Apache v2.0</a>
htmlunit css parser	1.3.0	<a href="https://mvnrepository.com/artifact/net.sourceforge.htmlunit/htmlunit-cssparser">https://mvnrepository.com/artifact/net.sourceforge.htmlunit/htmlunit-cssparser</a>	<a href="#">Apache v2.0</a>
neko htmlunit	2.34.0	<a href="https://mvnrepository.com/artifact/net.sourceforge.htmlunit/neko-htmlunit">https://mvnrepository.com/artifact/net.sourceforge.htmlunit/neko-htmlunit</a>	<a href="#">Apache v2.0</a>
commons-lang3	3.8.1, 3.9	<a href="#">commons-lang3</a>	<a href="#">Apache v2.0</a>
commons-text	1.3, 1.6, 1.8	<a href="#">commons-text</a>	<a href="#">Apache v2.0</a>
commons-compress	1.18, 1.19, 1.20	<a href="#">commons-compress</a>	<a href="#">Apache v2.0</a>
commons-math3	3.6.1	<a href="#">commons-math3</a>	<a href="#">Apache v2.0</a>
commons-csv	1.6	<a href="#">commons-csv</a>	<a href="#">Apache v2.0</a>
commons-collections4	4.2	<a href="#">commons-collections4</a>	<a href="#">Apache v2.0</a>
commons-text	1.3	<a href="#">commons-text</a>	<a href="#">Apache v2.0</a>
commons-lang3	3.4, 3.8.1, 3.9	<a href="#">commons-lang3</a>	<a href="#">Apache v2.0</a>
httpclient	4.5.10	<a href="#">httpclient</a>	<a href="#">Apache v2.0</a>
httpcore	4.4.11, 4.4.12	<a href="#">httpcore</a>	<a href="#">Apache v2.0</a>
httpmime	4.5.7, 4.5.12	<a href="#">httpmime</a>	<a href="#">Apache v2.0</a>

httpclient	4.5.6	<a href="#">httpclient</a>	<a href="#">Apache v2.0</a>
httpcore	4.4.10	<a href="#">httpcore</a>	<a href="#">Apache v2.0</a>
log4j-api	2.13.2,2.14.0	<a href="#">log4j-api</a>	<a href="#">Apache v2.0</a>
log4j-core	2.13.2,2.14.0	<a href="#">log4j-core</a>	<a href="#">Apache v2.0</a>
log4j-api	2.11.1	<a href="#">log4j-api</a>	<a href="#">Apache v2.0</a>
log4j-core	2.11.2	<a href="#">log4j-core</a>	<a href="#">Apache v2.0</a>
surefire-testng	2.22.0, 3.0.0-M3	<a href="#">surefire-testng</a>	<a href="#">Apache v2.0</a>
common-java5	2.22.0, 3.0.0-M3	<a href="#">common-java5</a>	<a href="#">Apache v2.0</a>
surefire-api	2.22.0, 3.0.0-M3	<a href="#">surefire-api</a>	<a href="#">Apache v2.0</a>
surefire-grouper	2.22.0, 3.0.0-M3	<a href="#">surefire-grouper</a>	<a href="#">Apache v2.0</a>
surefire-logger-api	2.22.0, 3.0.0-M3	<a href="#">surefire-logger-api</a>	<a href="#">Apache v2.0</a>
surefire-testng-utils	2.22.0, 3.0.0-M3	<a href="#">surefire-testng-utils</a>	<a href="#">Apache v2.0</a>
pdfbox	2.0.15	<a href="#">pdfbox</a>	<a href="#">Apache v2.0</a>
fontbox	2.0.15	<a href="#">fontbox</a>	<a href="#">Apache v2.0</a>
tomcat-embed-core	9.0.21	<a href="#">tomcat-embed-core</a>	<a href="#">Apache v2.0</a>
tomcat-embed-el	9.0.21	<a href="#">tomcat-embed-el</a>	<a href="#">Apache v2.0</a>
tomcat-embed-websocket	9.0.21	<a href="#">tomcat-embed-websocket</a>	<a href="#">Apache v2.0</a>
velocity-engine-core	2	<a href="#">velocity-engine-core</a>	<a href="#">Apache v2.0</a>
velocity-engine-scripting	2	<a href="#">velocity-engine-scripting</a>	<a href="#">Apache v2.0</a>
bcpkix-jdk15on	1.6	<a href="#">bcpkix-jdk15on</a>	<a href="#">Bouncy Castle Licence</a>

bcprov-jdk15on	1.6	<a href="#">bcprov-jdk15on</a>	<a href="#">Bouncy Castle Licence</a>
bcmail-jdk15on	1.6	<a href="#">bcmail-jdk15on</a>	<a href="#">Bouncy Castle Licence</a>
org.checkerframework	2..0.0, 2.5.2	<a href="#">checker-compat-qual</a>	<a href="#">MIT License</a>
org.codehaus.mojo	1.14, 1.17	<a href="#">animal-sniffer-annotations</a>	<a href="#">MIT License</a>
org.dom4j	2.1.1	<a href="#">dom4j</a>	<a href="#">BSD 3-clause "New" or "Revised" License</a>
jetty-client	9.4.15.v20190215	<a href="#">jetty-client</a>	<a href="#">Apache v2.0, Eclipse Public License - Version 1.0</a>
jetty-http	9.4.15.v20190215	<a href="#">jetty-http</a>	<a href="#">Apache v2.0, Eclipse Public License - Version 1.0</a>
jetty-io	9.4.15.v20190215	<a href="#">jetty-io</a>	<a href="#">Apache v2.0, Eclipse Public License - Version 1.0</a>
jetty-util	9.4.15.v20190215	<a href="#">jetty-util</a>	<a href="#">Apache v2.0, Eclipse Public License - Version 1.0</a>
jetty-xml	9.4.15.v20190215	<a href="#">jetty-xml</a>	<a href="#">Apache v2.0, Eclipse Public License - Version 1.0</a>
org.eclipse.jetty.websocket	9.4.15.v20190215	<a href="#">websocket-api</a>	<a href="#">Apache v2.0, Eclipse Public License - Version 1.0</a>
org.eclipse.jetty.websocket	9.4.15.v20190215	<a href="#">websocket-client</a>	<a href="#">Apache v2.0, Eclipse Public License - Version 1.0</a>
org.eclipse.jetty.websocket	9.4.15.v20190215	<a href="#">websocket-common</a>	<a href="#">Apache v2.0, Eclipse Public License - Version 1.0</a>
javax.json	1.1.4	<a href="#">javax.json</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
osgi-resource-locator	1.0.1	<a href="#">osgi-resource-locator</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
org.glassfish.hk2.external	2.5.0	<a href="#">jakarta.inject</a>	<a href="#">EPL 2.0, GPL2 with class path exception</a>
jaxb-runtime	2.3.1	<a href="#">jaxb-runtime</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
txw2	2.3.1	<a href="#">txw2</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>
org.glassfish.jersey.containers	2.28	<a href="#">jersey-container-servlet-core</a>	<a href="#">EPL 2.0GPL2 with class path exception</a>



jersey core client	2.28	<a href="https://mvnrepository.com/artifact/org.glassfish.jersey.core/jersey-client/2.28">https://mvnrepository.com/artifact/org.glassfish.jersey.core/jersey-client/2.28</a>	<a href="#">CDDL 1.1, GPL1.1</a>
jersey.common	2.28	<a href="https://mvnrepository.com/artifact/org.glassfish.jersey.core/jersey-common/2.28">https://mvnrepository.com/artifact/org.glassfish.jersey.core/jersey-common/2.28</a>	<a href="#">Apache v2.0, EPL 2.0, GPL 2.0, public</a>
jersey.core server	2.28	<a href="https://mvnrepository.com/artifact/org.glassfish.jersey.core/jersey-server/2.28">https://mvnrepository.com/artifact/org.glassfish.jersey.core/jersey-server/2.28</a>	<a href="#">BSD, Apache 2.0, EPL 2.0, GPL2</a>
jersey.media jaxb	2.28	<a href="https://mvnrepository.com/artifact/org.glassfish.jersey.media/jersey-media-jaxb">https://mvnrepository.com/artifact/org.glassfish.jersey.media/jersey-media-jaxb</a>	<a href="#">Apache 2.0, BSD, EPL, EDL, MIT, w3c and public license</a>
org.hamcrest	1.3	<a href="#">hamcrest-library</a>	<a href="#">New BSD License</a>
org.hamcrest core	1.3	<a href="https://mvnrepository.com/artifact/org.hamcrest/hamcrest-core">https://mvnrepository.com/artifact/org.hamcrest/hamcrest-core</a>	<a href="#">New BSD License</a>
org.hibernate core	5.4.17.Final	<a href="https://mvnrepository.com/artifact/org.hibernate/hibernate-core">https://mvnrepository.com/artifact/org.hibernate/hibernate-core</a>	<a href="#">GNU Library General Public License v2.1 or later</a>
org.hibernate.common	5.1.0.Final	<a href="#">hibernate-commons-annotations</a>	<a href="#">GNU Library General Public License v2.1 or later</a>
org.hibernate.validator	6.1.5.Final	<a href="#">hibernate-validator</a>	<a href="#">Apache v2.0</a>
org.hyperledger.fabric-sdk-java	1.4.9	<a href="#">fabric-sdk-java</a>	<a href="#">Apache v2.0</a>
org.javassist	3.24.0-GA	<a href="https://mvnrepository.com/artifact/org.javassist/javassist/3.24.0-GA">https://mvnrepository.com/artifact/org.javassist/javassist/3.24.0-GA</a>	<a href="#">MPL 1.1, LGPL 2.1, Apache License 2.0</a>
jandex	2.0.5.Final	<a href="https://mvnrepository.com/artifact/org.jboss/jandex/2.0.5.Final">https://mvnrepository.com/artifact/org.jboss/jandex/2.0.5.Final</a>	<a href="#">Apache v2.0</a>
jboss.logging	3.3.2.Final	<a href="https://mvnrepository.com/artifact/org.jboss.logging/jboss-logging/3.3.2.Final">https://mvnrepository.com/artifact/org.jboss.logging/jboss-logging/3.3.2.Final</a>	<a href="#">Apache v2.0</a>
jboss-transaction-api_1.2_spec	1.1.1.Final	<a href="https://mvnrepository.com/artifact/org.jboss.spec.javax.transaction/jboss-transaction-api_1.2_spec">https://mvnrepository.com/artifact/org.jboss.spec.javax.transaction/jboss-transaction-api_1.2_spec</a>	<a href="#">CDDL , EPL+ GPLv2 with classpath exception</a>
org.jsoup	1.11.3	<a href="#">jsoup</a>	<a href="#">MIT License</a>
stax-ex	1.8	<a href="#">stax-ex</a>	<a href="#">CDDL + GPLv2 with classpath exception</a>

org.miracl.milagro.amcl	0.4.0	<a href="#">milagro-crypto-java</a>	<a href="#">Apache v2.0</a>
org.mockito	1.10.19	<a href="#">mockito-all</a>	<a href="#">MIT License</a>
org.mock-server	5.5.4	<a href="#">mockserver-netty</a>	<a href="#">Apache v2.0</a>
org.mock-server	5.5.4	<a href="#">mockserver-client-java</a>	<a href="#">Apache v2.0</a>
org.mock-server	5.5.4	<a href="#">mockserver-core</a>	<a href="#">Apache v2.0</a>
rhino	1.7.7.1	<a href="https://github.com/mozilla/rhino">https://github.com/mozilla/rhino</a>	<a href="#">Mozilla Public License, Version 2.0</a>
org.neo4j.driver	1.7.3	<a href="#">neo4j-java-driver</a>	<a href="#">Apache v2.0</a>
asm	5.0.4	<a href="https://asm.ow2.io/">https://asm.ow2.io/</a>	<a href="#">BSD 3-clause "New" or "Revised" License</a>
org.postgresql	42.2.14	postgresql	<a href="#">BSD 2-clause</a>
quartz	2.3.2	<a href="#">quartz</a>	<a href="#">Apache v2.0</a>
quartz-jobs	2.3.1	<a href="#">quartz-jobs</a>	<a href="#">Apache v2.0</a>
org.skyscreamer	1.5.0	<a href="#">jsonassert</a>	<a href="#">Apache v2.0</a>
org.slf4j	1.7.7	<a href="#">slf4j-api</a>	<a href="#">MIT License</a>
spring-context	5.2.3,5.2.8.RELEASE	<a href="https://mvnrepository.com/artifact/org.springframework/spring-context">https://mvnrepository.com/artifact/org.springframework/spring-context</a>	<a href="#">Apache v2.0</a>
spring-core	5.2.3,5.2.8.RELEASE	<a href="https://mvnrepository.com/artifact/org.springframework/spring-core">https://mvnrepository.com/artifact/org.springframework/spring-core</a>	<a href="#">Apache v2.0</a>
spring-jdbc	5.2.3,5.2.8.RELEASE	<a href="https://mvnrepository.com/artifact/org.springframework/spring-jdbc">https://mvnrepository.com/artifact/org.springframework/spring-jdbc</a>	<a href="#">Apache v2.0</a>
spring-webmvc	5.2.3,5.2.8.RELEASE	<a href="https://mvnrepository.com/artifact/org.springframework/spring-webmvc">https://mvnrepository.com/artifact/org.springframework/spring-webmvc</a>	<a href="#">Apache v2.0</a>
spring-test	5.2.3,5.2.8.RELEASE	<a href="https://mvnrepository.com/artifact/org.springframework/spring-test/5.1.5.RELEASE">https://mvnrepository.com/artifact/org.springframework/spring-test/5.1.5.RELEASE</a>	<a href="#">Apache v2.0</a>

spring-aop	5.2.3	<a href="https://mvnrepository.com/artifact/org.springframework/spring-aop/5.1.5.RELEASE">https://mvnrepository.com/artifact/org.springframework/spring-aop/5.1.5.RELEASE</a>	<a href="#">Apache v2.0</a>
spring-beans	5.2.3	<a href="https://mvnrepository.com/artifact/org.springframework/spring-beans/5.1.5.RELEASE">https://mvnrepository.com/artifact/org.springframework/spring-beans/5.1.5.RELEASE</a>	<a href="#">Apache v2.0</a>
spring-expression	5.2.3	<a href="#">spring-expression</a>	<a href="#">Apache v2.0</a>
spring-jcl	5.2.3	<a href="#">spring-jcl</a>	<a href="#">Apache v2.0</a>
spring-tx	5.1.6.RELEASE	<a href="#">spring-tx</a>	<a href="#">Apache v2.0</a>
spring-web	5.2.3 RELEASE,5.2.8. RELEASE	<a href="#">spring-web</a>	<a href="#">Apache v2.0</a>
spring-boot-dependencies	2.2.4	<a href="#">spring-boot-dependencies</a>	<a href="#">Apache v2.0</a>
spring-boot-starter	2.2.4,2.3.3.REL EASE	<a href="#">spring-boot-starter</a>	<a href="#">Apache v2.0</a>
spring-boot-starter-web	2.3.0.RELEASE, 2.3.3.RELEASE	<a href="#">spring-boot-starter-web</a>	<a href="#">Apache v2.0</a>
spring-boot-devtools	2.2.4,2.3.3.REL EASE	<a href="#">spring-boot-devtools</a>	<a href="#">Apache v2.0</a>
spring-boot	2.2.4,2.3.3.REL EASE	<a href="#">spring-boot</a>	<a href="#">Apache v2.0</a>
spring-boot-autoconfigure	2.2.4	<a href="#">spring-boot-autoconfigure</a>	<a href="#">Apache v2.0</a>
spring-boot-starter-tomcat	2.2.4	<a href="#">spring-boot-s+D290:D316tarter-tomcat</a>	<a href="#">Apache v2.0</a>
org.springframework ldap	2.3.2.RELEASE	<a href="#">spring-ldap-core</a>	<a href="#">Apache v2.0</a>
org.springframework.security	5.2.1,5.3.4.REL EASE	<a href="#">spring-security-config</a>	<a href="#">Apache v2.0</a>
org.testng	7.1.0	testng	<a href="#">Apache v2.0</a>
org.xmlunit	2.6.2	<a href="#">xmlunit-core</a>	<a href="#">Apache v2.0</a>
org.yaml	1.23	<a href="#">snakeyaml</a>	<a href="#">Apache v2.0</a>
org.yaml	1.12	<a href="#">snakeyaml</a>	<a href="#">Apache v2.0</a>

xalan	2.7.2	<a href="#">serializer</a>	<a href="#">Apache v2.0</a>
xalan	2.7.2	<a href="#">xalan</a>	<a href="#">Apache v2.0</a>
xerces	2.12.0	<a href="#">xercesImpl</a>	<a href="#">Apache v2.0</a>
xml-apis	1.4.01	<a href="#">xml-apis</a>	<a href="#">The Apache v2.0, The W3C License</a>
xom	1..2.10	<a href="http://xom.nu/">http://xom.nu/</a>	<a href="#">The GNU Lesser General Public License, Version 2.1</a>
com.beust	1.48	<a href="#">jcommander</a>	<a href="#">Apache v2.0</a>
com.fasterxml.jackson.datatype	2.9.9	<a href="#">jackson-datatype-jdk8</a>	<a href="#">Apache v2.0</a>
com.fasterxml.jackson.datatype	2.9.9	<a href="#">jackson-datatype-jsr310</a>	<a href="#">Apache v2.0</a>
com.fasterxml.jackson.module	2.9.9	<a href="#">jackson-module-parameter-names</a>	<a href="#">Apache v2.0</a>
com.squareup.okio	1.14.0	<a href="#">okio</a>	<a href="#">Apache v2.0</a>
org.apache.xmlgraphics	1.11	<a href="#">batik-constants</a>	<a href="#">Apache v2.0</a>
batik-css	1.11	<a href="https://mvnrepository.com/artifact/org.apache.xmlgraphics/batik-css/1.7">https://mvnrepository.com/artifact/org.apache.xmlgraphics/batik-css/1.7</a>	<a href="#">Apache v2.0</a>
org.apache.xmlgraphics	1.11	<a href="#">batik-i18n</a>	<a href="#">Apache v2.0</a>
org.apache.xmlgraphics	1.11	<a href="#">batik-util</a>	<a href="#">Apache v2.0</a>
org.apache.xmlgraphics	2.3	<a href="#">xmlgraphics-commons</a>	<a href="#">Apache v2.0</a>
org.seleniumhq.selenium	3.141.59	<a href="#">selenium-firefox-driver</a>	<a href="#">Apache v2.0</a>
org.seleniumhq.selenium	3.141.59	<a href="#">selenium-java</a>	<a href="#">Apache v2.0</a>
org.seleniumhq.selenium	3.141.59	<a href="#">selenium-api</a>	<a href="#">Apache v2.0</a>
org.seleniumhq.selenium	3.141.59	<a href="#">selenium-chrome-driver</a>	<a href="#">Apache v2.0</a>
org.seleniumhq.selenium	3.141.59	<a href="#">selenium-edge-driver</a>	<a href="#">Apache v2.0</a>

org.seleniumhq.selenium	3.141.59	<a href="#">selenium-ie-driver</a>	<a href="#">Apache v2.0</a>
org.seleniumhq.selenium	3.141.59	<a href="#">selenium-opera-driver</a>	<a href="#">Apache v2.0</a>
org.seleniumhq.selenium	3.141.59	<a href="#">selenium-remote-driver</a>	<a href="#">Apache v2.0</a>
org.seleniumhq.selenium	3.141.59	<a href="#">selenium-safari-driver</a>	<a href="#">Apache v2.0</a>
org.seleniumhq.selenium	3.141.59	<a href="#">selenium-support</a>	<a href="#">Apache v2.0</a>
org.springframework.boot	2.1.6.RELEASE	<a href="#">spring-boot-starter-json</a>	<a href="#">Apache v2.0</a>
org.springframework.boot	2.1.6.RELEASE	<a href="#">spring-boot-starter-tomcat</a>	<a href="#">Apache v2.0</a>
xml-apis	1.3.04	<a href="#">xml-apis-ext</a>	<a href="#">Apache v2.0</a>
org.owasp.esapi	2.2.0.0	<a href="#">esapi</a>	<a href="#">BSD, Creative Commons 3.0 BY-SA</a>
commons-beanutils	1.9.4	<a href="#">commons-beanutils</a>	<a href="#">Apache v2.0</a>
commons-collections	3.2.2	<a href="#">commons-collections</a>	<a href="#">Apache v2.0</a>
commons-configuration	1.1	<a href="#">commons-configuration</a>	<a href="#">Apache v2.0</a>
commons-lang	2.6	<a href="#">commons-lang</a>	<a href="#">Apache v2.0</a>
com.squareup.okhttp3	3.11.0	<a href="#">okhttp</a>	<a href="#">Apache v2.0</a>
spring-context-support	5.1.5.RELEASE	<a href="https://mvnrepository.com/artifact/org.springframework/spring-context-support">https://mvnrepository.com/artifact/org.springframework/spring-context-support</a>	<a href="#">Apache v2.0</a>
org.ehcache	3.8.1	<a href="https://mvnrepository.com/artifact/org.ehcache/ehcache/3.8.1">https://mvnrepository.com/artifact/org.ehcache/ehcache/3.8.1</a>	<a href="#">Apache v2.0</a>
angular/animations	6.1.10	<a href="https://www.npmjs.com/package/@angular/animations/v/6.1.10">https://www.npmjs.com/package/@angular/animations/v/6.1.10</a>	<a href="#">MIT License</a>
angular/cdk	6.4.7	<a href="https://www.npmjs.com/package/@angular/cdk/v/6.4.7">https://www.npmjs.com/package/@angular/cdk/v/6.4.7</a>	<a href="#">MIT License</a>
angular/common	6.1.10	<a href="https://www.npmjs.com/package/@angular/common/v/6.1.10">https://www.npmjs.com/package/@angular/common/v/6.1.10</a>	<a href="#">MIT License</a>

angular/core	6.1.10	<a href="https://www.npmjs.com/package/@angular/core/v/6.1.10">https://www.npmjs.com/package/@angular/core/v/6.1.10</a>	<a href="#">MIT License</a>
angular/forms	6.1.10	<a href="https://www.npmjs.com/package/@angular/forms/v/6.1.10">https://www.npmjs.com/package/@angular/forms/v/6.1.10</a>	<a href="#">MIT License</a>
angular/material	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/button	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/checkbox	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/core	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/datepicker	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/dialog	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/form-field	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/icon	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/list	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/paginator	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/progress-bar	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/progress-spinner	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/radio	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>

angular/material/select	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/sidenav	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/slide-toggle	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/sort	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/table	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/tabs	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/toolbar	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/material/tooltip	6.4.7	<a href="https://www.npmjs.com/package/@angular/material/v/6.4.7">https://www.npmjs.com/package/@angular/material/v/6.4.7</a>	<a href="#">MIT License</a>
angular/platform-browser	6.1.10	<a href="https://www.npmjs.com/package/@angular/platform-browser/v/6.1.10">https://www.npmjs.com/package/@angular/platform-browser/v/6.1.10</a>	<a href="#">MIT License</a>
angular/router	6.1.10	<a href="https://www.npmjs.com/package/@angular/router/v/6.1.10">https://www.npmjs.com/package/@angular/router/v/6.1.10</a>	<a href="#">MIT License</a>
bootstrap	4.4.1	<a href="https://www.npmjs.com/package/bootstrap">https://www.npmjs.com/package/bootstrap</a>	<a href="#">MIT License</a>
core-js	2.4.1	<a href="https://www.npmjs.com/package/core-js">https://www.npmjs.com/package/core-js</a>	<a href="#">MIT License</a>
crypto-js	3.1.9-1	<a href="https://www.npmjs.com/package/crypto-js">https://www.npmjs.com/package/crypto-js</a>	<a href="#">MIT License</a>
file-saver	2.0.1	<a href="https://www.npmjs.com/package/file-saver">https://www.npmjs.com/package/file-saver</a>	<a href="#">MIT License</a>
ngx-clipboard	12.2.1	<a href="https://www.npmjs.com/package/ngx-clipboard">https://www.npmjs.com/package/ngx-clipboard</a>	<a href="#">MIT License</a>
ngx-cookie	4.0.2	<a href="https://www.npmjs.com/package/ngx-cookie">https://www.npmjs.com/package/ngx-cookie</a>	<a href="#">MIT License</a>
ngx-cookie-service	1.0.10	<a href="https://www.npmjs.com/package/ngx-cookie-service">https://www.npmjs.com/package/ngx-cookie-service</a>	<a href="#">MIT License</a>

ngx-webstorage-service	3.1.3	<a href="https://www.npmjs.com/package/ngx-webstorage-service">https://www.npmjs.com/package/ngx-webstorage-service</a>	<a href="#">MIT License</a>
ngx-window-token	2.0.1	<a href="https://www.npmjs.com/package/ngx-window-token">https://www.npmjs.com/package/ngx-window-token</a>	<a href="#">Apache v2.0</a>
rxjs-compat	6.3.3	<a href="https://www.npmjs.com/package/rxjs-compat">https://www.npmjs.com/package/rxjs-compat</a>	<a href="#">Apache v2.0</a>
tslib	1.10.0	<a href="https://www.npmjs.com/package/tslib">https://www.npmjs.com/package/tslib</a>	<a href="#">Apache v2.0</a>
uuid	3.4.0	<a href="https://www.npmjs.com/package/uuid">https://www.npmjs.com/package/uuid</a>	<a href="#">MIT License</a>
zone.js	0.8.26	<a href="https://www.npmjs.com/package/zone.js/v/0.8.26">https://www.npmjs.com/package/zone.js/v/0.8.26</a>	<a href="#">MIT License</a>
snakeyaml	1.26	<a href="https://bitbucket.org/asomov/snakeyaml/src/default/">https://bitbucket.org/asomov/snakeyaml/src/default/</a>	<a href="#">Apache v2.0</a>
opensaml	2.6.4	<a href="http://opensaml.org/">http://opensaml.org/</a>	<a href="#">Apache v2.0</a>
spring-security-saml2-core	1.0.9.RELEASE	<a href="https://github.com/SpringSource/spring-security-saml">https://github.com/SpringSource/spring-security-saml</a>	<a href="#">Apache v2.0</a>
nimbus-jose-jwt	8.19	<a href="https://bitbucket.org/connectid/nimbus-jose-jwt">https://bitbucket.org/connectid/nimbus-jose-jwt</a>	<a href="#">Apache v2.0</a>
aws-java-sdk-bom	1.11.256	<a href="#">aws-java-sdk-bom</a>	<a href="#">Apache v2.0</a>
aws-lambda-java-events	2.2.2	<a href="#">aws-lambda-java-events</a>	<a href="#">Apache v2.0</a>
aws-lambda-java-core	1.1.0	<a href="#">aws-lambda-java-core</a>	<a href="#">Apache v2.0</a>
s3	2.13.35	<a href="#">S3</a>	<a href="#">Apache v2.0</a>
aws-lambda-java-core	1.1.0	<a href="#">aws-lambda-java-core</a>	<a href="#">Apache v2.0</a>
commons-codec	1.1	<a href="#">commons-codec</a>	<a href="#">Apache v2.0</a>
azure-functions-java-library	1.3.1	<a href="https://azure.microsoft.com/en-us/services/functions">https://azure.microsoft.com/en-us/services/functions</a>	<a href="#">MIT License</a>
junit-jupiter	5.6.0	<a href="https://junit.org/junit5/">https://junit.org/junit5/</a>	<a href="#">EPL2.0</a>
mockito-core	3.2.4	<a href="https://github.com/mockito/mockito">https://github.com/mockito/mockito</a>	<a href="#">MIT License</a>
json-simple	1.1	<a href="http://code.google.com/p/json-simple/">http://code.google.com/p/json-simple/</a>	<a href="#">Apache v2.0</a>



azure-storage-blob	12.0.0	<a href="https://github.com/Azure/azure-sdk-for-java">https://github.com/Azure/azure-sdk-for-java</a>	<a href="#">MIT License</a>
gson	2.8.6	<a href="https://github.com/google/gson">https://github.com/google/gson</a>	<a href="#">Apache v2.0</a>
spring-security-test	5.2.1.RELEASE 5.3.4.RELEASE	<a href="https://mvnrepository.com/artifact/org.springframework.security/spring-security-test/5.2.3.RELEASE">https://mvnrepository.com/artifact/org.springframework.security/spring-security-test/5.2.3.RELEASE</a>	<a href="#">Apache v2.0</a>
spring-security-kberos-core	1.0.1.RELEASE	<a href="http://projects.spring.io/spring-security-kberos">http://projects.spring.io/spring-security-kberos</a>	<a href="#">Apache v2.0</a>
spring-security-kberos-web	1.0.1.RELEASE	<a href="http://projects.spring.io/spring-security-kberos">http://projects.spring.io/spring-security-kberos</a>	<a href="#">Apache v2.0</a>
spring-security-kberos-client	1.0.1.RELEASE	<a href="http://projects.spring.io/spring-security-kberos">http://projects.spring.io/spring-security-kberos</a>	<a href="#">Apache v2.0</a>
httpClient	4.5.3	<a href="#">httpClient</a>	<a href="#">Apache v2.0</a>
bcprov-ext-jdk15on	1.64	<a href="https://www.bouncycastle.org/java.html">https://www.bouncycastle.org/java.html</a>	<a href="#">Bouncy Castle Licence</a>
bcprov-jdk15on	1.64	<a href="https://www.bouncycastle.org/java.html">https://www.bouncycastle.org/java.html</a>	<a href="#">Bouncy Castle Licence</a>
bcpkix-jdk15on	1.64	<a href="https://www.bouncycastle.org/java.html">https://www.bouncycastle.org/java.html</a>	<a href="#">Bouncy Castle Licence</a>
netty-codec-http	4.1.48.Final	<a href="#">netty-codec-http</a>	<a href="#">Apache v2.0</a>
netty-codec-http2	4.1.39.Final	<a href="#">netty-codec-http2</a>	<a href="#">Apache v2.0</a>
netty-codec	4.1.46.Final	<a href="#">netty-codec</a>	<a href="#">Apache v2.0</a>
jjwt	0.9.0	<a href="https://github.com/jwtkt/jjwt">https://github.com/jwtkt/jjwt</a>	<a href="#">Apache v2.0</a>
rest-assured	4.3.0	<a href="http://code.google.com/p/rest-assured">http://code.google.com/p/rest-assured</a>	<a href="#">Apache v2.0</a>
poi	4.1.2	<a href="http://poi.apache.org/">http://poi.apache.org/</a>	<a href="#">Apache v2.0</a>
poi-ooxml	4.1.0	<a href="http://poi.apache.org/">http://poi.apache.org/</a>	<a href="#">Apache v2.0</a>
jersey-client	2.30.1	<a href="https://eclipse-ee4j.github.io/jersey/">https://eclipse-ee4j.github.io/jersey/</a>	<a href="#">Apache v2.0</a>
jersey-hk2	2.30.1	<a href="https://eclipse-ee4j.github.io/jersey/">https://eclipse-ee4j.github.io/jersey/</a>	<a href="#">Apache v2.0</a>

spring-security-web	5.2.1.RELEASE ,5.3.4.RELEASE	<a href="http://spring.io/spring-security">http://spring.io/spring-security</a>	<a href="#">Apache v2.0</a>
spring-security-ldap	5.2.1.RELEASE ,5.3.4.RELEASE	<a href="http://spring.io/spring-security">http://spring.io/spring-security</a>	<a href="#">Apache v2.0</a>
commons-collections	3.2.2	<a href="http://commons.apache.org/collections/">http://commons.apache.org/collections/</a>	<a href="#">Apache v2.0</a>
selenium-java	3.141.59	<a href="http://www.seleniumhq.org/">http://www.seleniumhq.org/</a>	<a href="#">Apache v2.0</a>
jersey-media-multipart	2.30.1	<a href="https://eclipse-ee4j.github.io/jersey/">https://eclipse-ee4j.github.io/jersey/</a>	<a href="#">Apache v2.0</a>
jersey-client	2.30.1	<a href="https://eclipse-ee4j.github.io/jersey/">https://eclipse-ee4j.github.io/jersey/</a>	<a href="#">Apache v2.0</a>
jsoup	1.13.1	<a href="https://jsoup.org/">https://jsoup.org/</a>	<a href="#">MIT</a>
elasticsearch-rest-client	7.6.2	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>	<a href="#">Apache v2.0</a>
elasticsearch-x-content	7.6.2	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>	<a href="#">Apache v2.0</a>
elasticsearch-rest-high-level-client	7.6.2	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>	<a href="#">Apache v2.0</a>
ng2-dragula	2.1.1	<a href="https://www.npmjs.com/package/ng2-dragula">https://www.npmjs.com/package/ng2-dragula</a>	<a href="#">MIT</a>
ngx-webstorage	6.0.0	<a href="https://www.npmjs.com/package/ng2-dragula">https://www.npmjs.com/package/ng2-dragula</a>	<a href="#">MIT</a>
fabric-gateway-java	2.2.0	<a href="#">fabric-sdk-java</a>	<a href="#">Apache v2.0</a>
fabric-shim	2.2.0	<a href="https://www.npmjs.com/package/fabric-shim">https://www.npmjs.com/package/fabric-shim</a>	<a href="#">Apache v2.0</a>
date-and-time	4.0.2	<a href="https://www.npmjs.com/package/date-and-time">https://www.npmjs.com/package/date-and-time</a>	<a href="#">MIT</a>
h2o-genmodel-ext-xgboost	3.30.0.6	<a href="https://github.com/h2oai/h2o-3">https://github.com/h2oai/h2o-3</a>	<a href="#">Apache v2.0</a>
h2o-genmodel	3.30.0.6	<a href="https://github.com/h2oai/h2o-3">https://github.com/h2oai/h2o-3</a>	<a href="#">Apache v2.0</a>

cssparser	0.9.29	<a href="http://cssparser.sourceforge.net/">http://cssparser.sourceforge.net/</a>	<a href="#">Apache v2.0</a>
hibernate-c3p0	5.4.24.Final	<a href="http://hibernate.org/orm">http://hibernate.org/orm</a>	<a href="#">GNU Library General Public License v2.1 or later</a>
javax.el	3.0.0	<a href="http://el-spec.java.net">http://el-spec.java.net</a>	<a href="#">CDDL, GPL, GPL 2.0</a>
h2	1.4.200	<a href="https://mvnrepository.com/artifact/com.h2database/h2">https://mvnrepository.com/artifact/com.h2database/h2</a>	<a href="#">EPL 1.0 MPL 2.0</a>
angular/cli	11.0.4	<a href="https://www.npmjs.com/package/@angular/cli/v/11.0.4">https://www.npmjs.com/package/@angular/cli/v/11.0.4</a>	<a href="#">MIT</a>
angular/compiler	11.0.4	<a href="https://www.npmjs.com/package/@angular/compiler/v/11.0.4">https://www.npmjs.com/package/@angular/compiler/v/11.0.4</a>	<a href="#">MIT</a>
angular/platform-browser-dynamic	11.0.4	<a href="https://www.npmjs.com/package/@angular/platform-browser-dynamic/v/11.0.4">https://www.npmjs.com/package/@angular/platform-browser-dynamic/v/11.0.4</a>	<a href="#">MIT License</a>
ngx-logger	4.1.9	<a href="https://www.npmjs.com/package/ngx-logger/v/4.1.9">https://www.npmjs.com/package/ngx-logger/v/4.1.9</a>	<a href="#">MIT License</a>
rxjs	6.6.3	<a href="https://www.npmjs.com/package/rxjs/v/6.6.3">https://www.npmjs.com/package/rxjs/v/6.6.3</a>	<a href="#">Apache 2.0</a>
typescript	4.0.5	<a href="https://www.npmjs.com/package/typescript/v/4.0.5">https://www.npmjs.com/package/typescript/v/4.0.5</a>	<a href="#">Apache 2.0</a>
angular-devkit/build-angular	0.1100.4	<a href="https://www.npmjs.com/package/@angular-devkit/build-angular/v/0.1100.4">https://www.npmjs.com/package/@angular-devkit/build-angular/v/0.1100.4</a>	<a href="#">MIT</a>
angular/compiler-cli	11.0.4	<a href="https://www.npmjs.com/package/@angular/compiler-cli">https://www.npmjs.com/package/@angular/compiler-cli</a>	<a href="#">MIT</a>

angular/language-service	11.0.4	<a href="https://www.npmjs.com/package/@angular/language-service">https://www.npmjs.com/package/@angular/language-service</a>	<a href="#">MIT</a>
types/jasmine	3.6.0	<a href="https://www.npmjs.com/package/@types/jasmine/v3.6.0">https://www.npmjs.com/package/@types/jasmine/v3.6.0</a>	<a href="#">MIT</a>
types/node	12.11.1	<a href="https://www.npmjs.com/package/@types/node">https://www.npmjs.com/package/@types/node</a>	<a href="#">MIT</a>
codelyzer	6.0.1	<a href="https://www.npmjs.com/package/codelyzer">https://www.npmjs.com/package/codelyzer</a>	<a href="#">MIT</a>
jasmine-core	3.6.0	<a href="https://www.npmjs.com/package/jasmine-core">https://www.npmjs.com/package/jasmine-core</a>	<a href="#">MIT</a>
jasmine-spec-reporter	5.0.0	<a href="https://www.npmjs.com/package/jasmine-spec-reporter">https://www.npmjs.com/package/jasmine-spec-reporter</a>	<a href="#">MIT</a>
karma	5.1.1	<a href="https://www.npmjs.com/package/karma">https://www.npmjs.com/package/karma</a>	<a href="#">MIT</a>
karma-chrome-launcher	3.1.0	<a href="https://www.npmjs.com/package/karma-chrome-launcher">https://www.npmjs.com/package/karma-chrome-launcher</a>	<a href="#">MIT</a>
karma-coverage-istanbul-reporter	3.0.2	<a href="https://www.npmjs.com/package/karma-coverage-istanbul-reporter">https://www.npmjs.com/package/karma-coverage-istanbul-reporter</a>	<a href="#">MIT</a>
karma-jasmine	4.0.0	<a href="https://www.npmjs.com/package/karma-jasmine">https://www.npmjs.com/package/karma-jasmine</a>	<a href="#">MIT</a>
karma-jasmine-html-reporter	1.5.0	<a href="https://www.npmjs.com/package/karma-jasmine-html-reporter">https://www.npmjs.com/package/karma-jasmine-html-reporter</a>	<a href="#">MIT</a>
protractor	7.0.0	<a href="https://www.npmjs.com/package/protractor">https://www.npmjs.com/package/protractor</a>	<a href="#">MIT</a>

tslint	6.1.0	<a href="https://www.npmjs.com/package/tslint/v/6.1.0">https://www.npmjs.com/package/tslint/v/6.1.0</a>	<a href="#">Apache-2.0</a>
playwright	0.172.3	<a href="https://mvnrepository.com/artifact/com.microsoft.playwright/playwright/0.172.3">https://mvnrepository.com/artifact/com.microsoft.playwright/playwright/0.172.3</a>	<a href="#">Apache v2.0</a>
grafana	7.1.0	<a href="https://github.com/grafana/grafana/tree/v7.1.0">https://github.com/grafana/grafana/tree/v7.1.0</a> ; <a href="https://grafana.com/oss/">https://grafana.com/oss/</a>	<a href="#">Apache v2.0</a>

---



---

#### **LICENSE TEXT**

- **MIT License**

These components fall under the MIT License and its license text is mentioned below.

1. com.eclipsesource.minimal-json
2. jopt-simple
3. org.codehaus.mojo
4. org.jsoup
5. org.mockito
6. org.slf4j
7. angular/animations
8. angular/cdk
9. angular/common
10. angular/core
11. angular/forms
12. angular/material
13. angular/material/button
14. angular/material/checkbox
15. angular/material/core
16. angular/material/date-picker
17. angular/material/dialog
18. angular/material/form-field
19. angular/material/icon
20. angular/material/list
21. angular/material/paginator
22. angular/material/progress-bar
23. angular/material/progress-spinner
24. angular/material/radio
25. angular/material/select
26. angular/material/sidenav
27. angular/material/slide-toggle

28. angular/material/sort
29. angular/material/table
30. angular/material/tabs
31. angular/material/toolbar
32. angular/material/tooltip
33. angular/platform-browser
34. angular/router
35. bootstrap
36. core-js
37. crypto-js
38. file-saver
39. ngx-clipboard
40. ngx-cookie
41. ngx-cookie-service
42. ngx-webstorage-service
43. uuid
44. zone.js
45. azure-functions-java-library
46. mockito-core
47. azure-storage-blob
48. org.checkerframework
49. jsoup
50. ng2-dragula
51. ngx-webstorage
52. npm/ date-and-time
53. angular/cli
54. angular/compiler
55. angular/platform-browser-dynamic
56. ngx-logger
57. angular-devkit/build-angular
58. angular/compiler-cli
59. angular/language-service
60. types/jasmine
61. types/node
62. codelyzer
63. jasmine-core
64. jasmine-spec-reporter
65. karma
66. karma-chrome-launcher
67. karma-coverage-istanbul-reporter
68. karma-jasmine
69. karma-jasmine-html-reporter
70. protractor

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.

- **Mozilla Public License, Version 2.0 (MPL)**

These components fall under the MPL License and its license text is mentioned below.

1. Rhino
2. h2

## **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

1. that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
2. 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:

1. any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
2. 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. Grant**

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

1. 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
2. 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.

#### **3. 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:

1. for any code that a Contributor has removed from Covered Software; or
2. 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
3. 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:

1. 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
2. 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.

- **GNU Library General Public License, version 2**

These components fall under the LGPL, its license text is mentioned below.

1. org.hibernate.core
2. org.hibernate.common
3. hibernate-c3p0

GNU LIBRARY GENERAL PUBLIC LICENSE  
Version 2, June 1991

Copyright (C) 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.

[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.

## GNU LIBRARY GENERAL PUBLIC LICENSE

### 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.

- **GNU Lesser General Public License, version 2.1**

These components fall under the LGPL version 2.1 its license text is mentioned below.

1. xom

GNU Lesser General Public License  
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 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.]

**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.

- **Eclipse Public License v1 (EPL)**

These components fall under the Eclipse Public License and its license text is mentioned below.

1. ch.qos.logback
2. c3p0
3. mchange-commons-java
4. jakarta.annotation
5. jakarta.ws.rs

6. javax.persistence
7. junit
8. org.glassfish.hk2.external
9. org.glassfish.jersey.containers
10. junit-jupiter
11. h2

## 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.

- **Apache license version 2.0**

These components fall under the Apache License version 2.0 and its license text is mentioned below.

1. com.fasterxml
2. com.fasterxml.jackson.core
3. com.github.dhorions
4. btf
5. msg-simple
6. uri-template
7. jackson-coreutils
8. json-schema-core
9. json-schema-validator
10. json-flattener
11. proto-google-common-protos
12. jsr 305
13. com.google.code.findbugs
14. gson
15. errorprone
16. com.google.guava
17. com.google.j2objc
18. com.googlecode.libphonenumber
19. com.jayway.jsonpath
20. amqp-client

21. com.sun.xml.fastinfoset
22. com.vaadin.external.google
23. com.zaxxer
24. commons-cli
25. commons-codec
26. commons-fileupload
27. commons-io
28. commons-logging
29. commons-net
30. grpc-context
31. grpc-core
32. grpc-netty
33. grpc-protobuf
34. grpc-protobuf-lite
35. grpc-stub
36. netty-buffer
37. netty-codec
38. netty-codec-http
39. netty-codec-http2
40. netty-codec-socks
41. netty-common
42. netty-handler
43. netty-handler-proxy
44. netty-resolver
45. netty-tcnative-boringssl-static
46. netty-transport
47. io.opencensus
48. javax.validation
49. joda-time
50. bytebuddy
51. access smart
52. json smart
53. htmlunit
54. htmlunit core js
55. htmlunit css parser
56. neko htmlunit
57. commons-lang3
58. commons-text
59. commons-compress
60. commons-math3
61. commons-csv
62. commons-collections4
63. httpclient
64. httpcore
65. httpmime
66. log4j-api
67. log4j-core
68. surefire-testng
69. common-java5
70. surefire-api
71. surefire-grouper

- 72. surefire-logger-api
- 73. surefire-testng-utils
- 74. pdfbox
- 75. fontbox
- 76. tomcat-embed-core
- 77. tomcat-embed-el
- 78. tomcat-embed-websocket
- 79. velocity-engine-core
- 80. velocity-engine-scripting
- 81. jetty-client
- 82. jetty-http
- 83. jetty-io
- 84. jetty-util
- 85. jetty-xml
- 86. org.eclipse.jetty.websocket
- 87. jersey.common
- 88. org.hibernate.validator
- 89. org.hyperledger.fabric-sdk-java
- 90. org.javassist
- 91. jandex
- 92. jboss.logging
- 93. org.miracl.milagro.amcl
- 94. org.mock-server
- 95. org.neo4j.driver
- 96. org.quartz-scheduler
- 97. org.skyscreamer
- 98. spring-context
- 99. spring-core
- 100.     spring-jdbc
- 101.     spring-webmvc
- 102.     spring-test
- 103.     spring-aop
- 104.     spring-beans
- 105.     spring-expression
- 106.     spring-jcl
- 107.     spring-tx
- 108.     spring-web
- 109.     spring-boot-dependencies
- 110.     spring-boot-starter
- 111.     spring-boot-starter-web
- 112.     spring-boot-devtools
- 113.     spring-boot
- 114.     spring-boot-autoconfigure
- 115.     spring-boot-starter-tomcat
- 116.     org.springframework ldap
- 117.     org.springframework.security
- 118.     org.testng
- 119.     org.xmlunit
- 120.     org.yaml
- 121.     xalan
- 122.     xerces

- 123. xml-apis
- 124. com.beust
- 125. com.fasterxml.jackson.datatype
- 126. com.fasterxml.jackson.module
- 127. com.squareup.okio
- 128. org.apache.xmlgraphics
- 129. batik-css
- 130. org.seleniumhq.selenium
- 131. org.springframework.boot
- 132. commons-beanutils
- 133. commons-collections
- 134. commons-configuration
- 135. commons-lang
- 136. com.squareup.okhttp3
- 137. spring-context-support
- 138. org.ehcache
- 139. ngx-window-token
- 140. rxjs-compat
- 141. tslib
- 142. snakeyaml
- 143. opensaml
- 144. spring-security-saml2-core
- 145. nimbus-jose-jwt
- 146. aws-java-sdk-bom
- 147. aws-lambda-java-events
- 148. aws-lambda-java-core
- 149. s3
- 150. json-simple
- 151. spring-security-test
- 152. spring-security-kerberos-core
- 153. spring-security-kerberos-web
- 154. spring-security-kerberos-client
- 155. netty-codec-http
- 156. netty-codec-http2
- 157. netty-codec
- 158. jjwt
- 159. rest-assured
- 160. poi
- 161. poi-ooxml
- 162. jersey-client
- 163. jersey-hk2
- 164. spring-security-web
- 165. spring-security-ldap
- 166. commons-collections
- 167. httpclient
- 168. selenium-java
- 169. jersey-media-multipart
- 170. jersey-client
- 171. elasticsearch-rest-client
- 172. elasticsearch-x-content
- 173. elasticsearch-rest-high-level-client

- 174. fabric-gateway-java
- 175. fabric-shim
- 176. h2o-genmodel-ext-xgboost
- 177. h2o-genmodel
- 178. cssparser
- 179. tslib
- 180. h2
- 181. rxjs
- 182. typescript
- 183. tslint
- 184. playwright
- 185. grafana

## 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:

1. You must give any other recipients of the Work or Derivative Works a copy of this License; and
2. You must cause any modified files to carry prominent notices stating that You changed the files; and
3. 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

4. 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.

- **Bouncy Castle Licence**

These components fall under the **Bouncy Castle License** and its license text is mentioned below.

1. bcpkix-idk15on
2. bcprov-jdk15on
3. bcmail-idk15on
4. bcprov-ext-idk15on
5. bcprov-jdk15on
6. bcpkix-jdk15on

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.

- **BSD 2-clause**

These components fall under the **BSD 2-clause License** and its license text is mentioned below.

1. org.postgresql



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" License**

These components fall under the BSD 3-clause License and its license text is mentioned below.

1. com.google.protobuf
2. protobuf-java-util
3. jzlib
4. org.dom4j
5. jersey.core server
6. org.hamcrest
7. org.hamcrest core
8. asm
9. org.owasp.esapi

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.

- **CDDL license version 1.1**

These components fall under the CDDL License and its license text is mentioned below.

1. istack-commons-runtime
2. jersey-client
3. jerseycore
4. com.sun.mail
5. activation
6. javax.activation-api
7. javax.annotation-api
8. javax.mail
9. javax.servlet
- 10.jsr311
- 11.jaxb-api
- 12.javax.json
- 13.osgi-resource-locator
- 14.jaxb-runtime
- 15.txw2
- 16.jersey core client
- 17.jboss-transaction-api\_1.2\_spec
- 18.stax-ex
- 19.javax.el

## **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 (c) 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).
- **(c)** 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).

- **(c)** 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 recipients 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, 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. 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 jurisdictions 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.



