

# 开源软件声明

## OPEN SOURCE SOFTWARE NOTICE

### 软件清单

开源软件名称 OPEN SOURCE SOFTWARE NAME	开源软件版本 OPEN SOURCE SOFTWARE VERSION	许可证名称 LICENCE NAME	开源软件的官网地址 OPEN SOURCE SOFTWARE WEBSITE
annotation-indexer	2.0.0	MIT	<a href="https://github.com/wildfly/jandex">https://github.com/wildfly/jandex</a>
antlr	2.7.7	BSD	<a href="http://www.antlr.org/">http://www.antlr.org/</a>
antlr	3.4	BSD	<a href="http://www.antlr.org/">http://www.antlr.org/</a>
aopalliance	1.0	Public	<a href="http://aopalliance.sourceforge.net">http://aopalliance.sourceforge.net</a>
apache geronimo bundles: aspectjweaver		Apache 2.0	<a href="https://geronimo.apache.org/">https://geronimo.apache.org/</a>
apache-httpclient	4.5.5	Apache 2.0	<a href="http://hc.apache.org/httpcomponents-client">http://hc.apache.org/httpcomponents-client</a>
apache-httpclient	4.5.6	Apache 2.0	<a href="http://hc.apache.org/httpcomponents-client">http://hc.apache.org/httpcomponents-client</a>
apache-poi	4.1.0	Apache 2.0	<a href="http://poi.apache.org/">http://poi.apache.org/</a>
archaius-core	0.7.4	Apache 2.0	<a href="https://github.com/Netflix/archaius">https://github.com/Netflix/archaius</a>
asm	5.0.4	BSD	<a href="https://asm.ow2.io/">https://asm.ow2.io/</a>
aspectj	1.8.13	EPL 1.0	<a href="http://www.aspectj.org">http://www.aspectj.org</a>
aspectj-tools	1.8.13	EPL 1.0	<a href="http://www.aspectj.org">http://www.aspectj.org</a>
aspectjrt	1.8.13	EPL 1.0	<a href="http://www.aspectj.org">http://www.aspectj.org</a>
bcpkix-jdk15on	1.64	BouncyCastle	<a href="https://www.bouncycastle.org/java.html">https://www.bouncycastle.org/java.html</a>
bean validation api	1.1.0.final	Apache 2.0	<a href="http://beanvalidation.org">http://beanvalidation.org</a>
cglib		Apache 2.0	<a href="http://cglib.sourceforge.net/">http://cglib.sourceforge.net/</a>
checker-qual	2.11.1	MIT	<a href="https://checkerframework.org">https://checkerframework.org</a>
classmate	1.3.4	Apache 2.0	<a href="http://github.com/FasterXML/java-classmate">http://github.com/FasterXML/java-classmate</a>
com.google.inject	4.0.0	Apache 2.0	<a href="https://google.github.io/guice">https://google.github.io/guice</a>
com.google.inject.assistedinject	4.0.0	Apache 2.0	<a href="https://google.github.io/guice">https://google.github.io/guice</a>
com.google.inject.grapher	4.0.0	Apache 2.0	<a href="https://google.github.io/guice">https://google.github.io/guice</a>
com.google.inject.multibindings	4.0.0	Apache 2.0	<a href="https://google.github.io/guice">https://google.github.io/guice</a>
com.netflix.governator#governator	1.12.10	Apache 2.0	<a href="https://github.com/Netflix/governator">https://github.com/Netflix/governator</a>
com.netflix.governator#governator-api	1.12.10	Apache 2.0	<a href="https://github.com/Netflix/governator">https://github.com/Netflix/governator</a>

com.netflix.governator#governator-core	1.12.10	Apache 2.0	<a href="https://github.com/Netflix/governator">https://github.com/Netflix/governator</a>
commons-beanutils	1.9.4	Apache 2.0	<a href="https://commons.apache.org/proper/commons-beanutils/">https://commons.apache.org/proper/commons-beanutils/</a>
commons-codec	1.10	Apache 2.0	<a href="http://commons.apache.org/proper/commons-codec/">http://commons.apache.org/proper/commons-codec/</a>
commons-collections	3.2.2	Apache 2.0	<a href="http://commons.apache.org/collections/">http://commons.apache.org/collections/</a>
commons-collections	4.3	Apache 2.0	<a href="http://commons.apache.org/proper/commons-collections/">http://commons.apache.org/proper/commons-collections/</a>
commons-configuration	1.8	Apache 2.0	<a href="http://commons.apache.org/configuration/">http://commons.apache.org/configuration/</a>
commons-dbcp	1.4	Apache 2.0	<a href="http://commons.apache.org/dbcp/">http://commons.apache.org/dbcp/</a>
commons-dbutils	1.6	Apache 2.0	<a href="http://commons.apache.org/proper/commons-dbutils/">http://commons.apache.org/proper/commons-dbutils/</a>
commons-digester		Apache 2.0	<a href="http://commons.apache.org/digester/">http://commons.apache.org/digester/</a>
commons-el		Apache 2.0	<a href="http://jakarta.apache.org/commons/el/">http://jakarta.apache.org/commons/el/</a>
commons-fileupload	1.4	Apache 2.0	<a href="http://commons.apache.org/proper/commons-fileupload/">http://commons.apache.org/proper/commons-fileupload/</a>
commons-io	2.4	Apache 2.0	<a href="http://commons.apache.org/io/">http://commons.apache.org/io/</a>
commons-jexl	2.1.1	Apache 2.0	<a href="https://github.com/apache/commons-jexl">https://github.com/apache/commons-jexl</a>
commons-jxpath	1.3	Apache 2.0	<a href="http://commons.apache.org/jxpath/">http://commons.apache.org/jxpath/</a>
commons-lang	2.6	Apache 2.0	<a href="http://commons.apache.org/lang/">http://commons.apache.org/lang/</a>
commons-lang	3.4	Apache 2.0	<a href="http://commons.apache.org/proper/commons-lang/">http://commons.apache.org/proper/commons-lang/</a>
commons-logging	1.1.3	Apache 2.0	<a href="http://commons.apache.org/proper/commons-logging/">http://commons.apache.org/proper/commons-logging/</a>
commons-math	2.2	Apache 2.0	<a href="http://commons.apache.org/math/">http://commons.apache.org/math/</a>
commons-math	3.6.1	Apache 2.0	<a href="http://commons.apache.org/proper/commons-math/">http://commons.apache.org/proper/commons-math/</a>
commons-modeler		Apache 2.0	<a href="http://jakarta.apache.org/commons/commons-modeler/">http://jakarta.apache.org/commons/commons-modeler/</a>
commons-pool	1.6	Apache 2.0	<a href="http://commons.apache.org/pool/">http://commons.apache.org/pool/</a>
commons-pool	2.4.3	Apache 2.0	<a href="http://commons.apache.org/proper/commons-pool/">http://commons.apache.org/proper/commons-pool/</a>
commons-pool	2.8.0	Apache 2.0	<a href="https://commons.apache.org/proper/commons-pool/">https://commons.apache.org/proper/commons-pool/</a>
compiler	0.9.6	GPL 2.0	<a href="https://github.com/topics/compiler">https://github.com/topics/compiler</a>
core-module	1.2.3	EPL 1.0 LGPL 2.1	
dbutils	1.6	Apache 2.0	<a href="http://commons.apache.org/proper/commons-dbutils/">http://commons.apache.org/proper/commons-dbutils/</a>
dllmalloc-rs		Apache 2.0	<a href="https://github.com/losfair/dllmalloc-rs/tree/rcore-soc">https://github.com/losfair/dllmalloc-rs/tree/rcore-soc</a>
dom4j	2.1.3		<a href="http://dom4j.github.io/">http://dom4j.github.io/</a>
ecj	3.12.3	EPL 1.0	<a href="http://www.eclipse.org/jdt">http://www.eclipse.org/jdt</a>

eclipse-compiler	3.12.3.v20170228-1205	EPL 1.0	<a href="http://www.eclipse.org/jdt">http://www.eclipse.org/jdt</a>
elasticsearch	7.7.1	Apache 2.0	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>
elasticsearch-ssl-config	7.7.1	Apache 2.0	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>
encoder	1.2.2	BSD 3-clause	<a href="https://github.com/OWASP/owasp-java-encoder">https://github.com/OWASP/owasp-java-encoder</a>
error_prone_annotations	2.3.4	Apache 2.0	<a href="https://github.com/google/error-prone">https://github.com/google/error-prone</a>
eureka-client	1.4.12	Apache 2.0	<a href="https://github.com/Netflix/eureka">https://github.com/Netflix/eureka</a>
failureaccess	1.0.1	Apache 2.0	
fastjson	1.2.25	Apache 2.0	<a href="https://github.com/alibaba/fastjson">https://github.com/alibaba/fastjson</a>
fastjson	1.2.75	Apache 2.0	<a href="https://github.com/alibaba/fastjson/">https://github.com/alibaba/fastjson/</a>
filters	2.0.235	Apache 2.0	<a href="http://www.jhllabs.com/ip/index.html">http://www.jhllabs.com/ip/index.html</a>
google-guava	18.0.0	Apache 2.0	<a href="https://github.com/google/guava/releases">https://github.com/google/guava/releases</a>
google-guava	29.0.0.jre	Apache 2.0	<a href="https://github.com/google/guava/releases">https://github.com/google/guava/releases</a>
google-protobuf	3.6.1	BSD 3-clause	<a href="https://github.com/protocolbuffers/protobuf">https://github.com/protocolbuffers/protobuf</a>
governator	1.12.10	Apache 2.0	<a href="https://github.com/Netflix/governator">https://github.com/Netflix/governator</a>
governator-api	1.12.10	Apache 2.0	<a href="https://github.com/Netflix/governator">https://github.com/Netflix/governator</a>
governator-core	1.12.10	Apache 2.0	<a href="https://github.com/Netflix/governator">https://github.com/Netflix/governator</a>
gson	2.8.5	Apache 2.0	<a href="https://github.com/google/gson">https://github.com/google/gson</a>
guice	4.0	Apache 2.0	<a href="https://github.com/google/guice">https://github.com/google/guice</a>
guice-assistedinject	4.0	Apache 2.0	<a href="https://github.com/google/guice">https://github.com/google/guice</a>
guice-grapher	4.0	Apache 2.0	<a href="https://github.com/google/guice">https://github.com/google/guice</a>
guice-multibindings	4.0	Apache 2.0	<a href="https://github.com/google/guice">https://github.com/google/guice</a>
h2	1.4.199	EPL 1.0 MPL 2.0	<a href="http://www.h2database.com">http://www.h2database.com</a>
h2-database	1.4.199	EPL 1.0 MPL 2.0	<a href="http://www.h2database.com">http://www.h2database.com</a>
HdrHistogram	2.1.9	CC0 1.0	<a href="http://hdrhistogram.github.io/HdrHistogram/">http://hdrhistogram.github.io/HdrHistogram/</a>
hibernate	5.0.12	LGPL 2.1	<a href="http://hibernate.org">http://hibernate.org</a>
hibernate commons annotations	5.0.1.final	LGPL 2.1	<a href="http://hibernate.org">http://hibernate.org</a>
hibernate-commons-annotations	5.0.1	LGPL 2.1	<a href="http://hibernate.org">http://hibernate.org</a>
hibernate-entitymanager	5.0.12	LGPL 2.1	<a href="http://hibernate.org">http://hibernate.org</a>
hibernate-jpa-2.1-api	1.0.0	EDL 1.0 EPL 1.0	<a href="http://hibernate.org">http://hibernate.org</a>
hibernate-validator	5.4.2	Apache 2.0	<a href="https://github.com/hibernate/hibernate-validator">https://github.com/hibernate/hibernate-validator</a>
hibernate-validator	6.1.6	Apache 2.0	<a href="https://github.com/hibernate/hibernate-validator">https://github.com/hibernate/hibernate-validator</a>
hppc	0.8.1	Apache 2.0	<a href="https://github.com/carrotsearch/hppc">https://github.com/carrotsearch/hppc</a>
httpasyncclient	4.1.3	Apache 2.0	<a href="http://hc.apache.org/httpcomponents-asyncclient">http://hc.apache.org/httpcomponents-asyncclient</a>
httpcomponents-core	4.4.9	Apache 2.0	<a href="http://hc.apache.org/httpcomponents-core-ga">http://hc.apache.org/httpcomponents-core-ga</a>

httpcore-nio	4.4.12	Apache 2.0	<a href="http://hc.apache.org/httpcomponents-core-ga">http://hc.apache.org/httpcomponents-core-ga</a>
hystrix-core	1.5.6	Apache 2.0	<a href="https://github.com/Netflix/Hystrix">https://github.com/Netflix/Hystrix</a>
j2objc-annotations	1.3	Apache 2.0	<a href="https://github.com/google/j2objc/">https://github.com/google/j2objc/</a>
jackson	2.12.0	Apache 2.0	<a href="http://github.com/FasterXML/jackson">http://github.com/FasterXML/jackson</a>
jackson-annotations	2.12.0	Apache 2.0	<a href="http://github.com/FasterXML/jackson">http://github.com/FasterXML/jackson</a>
jackson-core	2.12.0	Apache 2.0	<a href="https://github.com/FasterXML/jackson-core">https://github.com/FasterXML/jackson-core</a>
jackson-databind	2.12.0	Apache 2.0	<a href="http://github.com/FasterXML/jackson">http://github.com/FasterXML/jackson</a>
jackson-dataformat-cbor	2.8.11	Apache 2.0	<a href="http://github.com/FasterXML/jackson-dataformats-binary">http://github.com/FasterXML/jackson-dataformats-binary</a>
jackson-dataformat-smile	2.8.11	Apache 2.0	<a href="http://github.com/FasterXML/jackson-dataformats-binary">http://github.com/FasterXML/jackson-dataformats-binary</a>
jackson-dataformat-yaml	2.8.11	Apache 2.0	<a href="http://github.com/FasterXML/jackson-dataformats-binary">http://github.com/FasterXML/jackson-dataformats-binary</a>
jacob	1.18	LGPL 3.0	<a href="http://code.google.com/webtoolkit/">http://code.google.com/webtoolkit/</a>
jakarta.validation-api	2.0.2	Apache 2.0	<a href="https://spring.io/projects">https://spring.io/projects</a>
jandex	2.0.0.final	Apache 2.0	<a href="https://github.com/wildfly/jandex">https://github.com/wildfly/jandex</a>
jasypt	1.9.2	Apache 2.0	<a href="http://www.jasypt.org">http://www.jasypt.org</a>
jasypt-spring-boot	1.5	Apache 2.0	<a href="https://github.com/ulisesbocchio/jasypt-spring-boot">https://github.com/ulisesbocchio/jasypt-spring-boot</a>
javassist	3.21.0	Apache 2.0 LGPL 2.1 MPL 1.1	<a href="http://www.javassist.org/">http://www.javassist.org/</a>
javassist	3.27.0	Apache 2.0 LGPL 2.1 MPL 1.1	<a href="http://www.javassist.org/">http://www.javassist.org/</a>
javax.annotation	1.2.fr		<a href="https://github.com/javaee/javax.annotation">https://github.com/javaee/javax.annotation</a>
javax.inject	1	Apache 2.0	<a href="https://github.com/javax-inject/javax-inject">https://github.com/javax-inject/javax-inject</a>
javax.transaction-api	1.2	CDDL GPL 2.0	<a href="http://jta-spec.java.net">http://jta-spec.java.net</a>
jboss-logging	3.3.2	Apache 2.0	<a href="http://www.jboss.org">http://www.jboss.org</a>
jcl-over-slf4j	1.7.26	MIT	<a href="http://www.slf4j.org">http://www.slf4j.org</a>
jctools-core	3.1.0	Apache 2.0	<a href="https://github.com/JCTools">https://github.com/JCTools</a>
jdbc	11.2.0.1.0		
jedis	2.9.0	Apache 2.0	<a href="https://github.com/redis/jedis">https://github.com/redis/jedis</a>
jedis	2.9.3	MIT	<a href="https://github.com/xetorthio/jedis">https://github.com/xetorthio/jedis</a>
jersey	1.19.1	CDDL 1.1 GPL 2.0	<a href="https://eclipse-ee4j.github.io/jersey.github.io/documentation/1.19.1/index.html">https://eclipse-ee4j.github.io/jersey.github.io/documentation/1.19.1/index.html</a>
jersey-apache-client4	1.19.1	CDDL 1.1 GPL 2.0	<a href="https://repo1.maven.org/maven2/com/sun/jersey/contribs/jersey-apache-client4/1.19.1/">https://repo1.maven.org/maven2/com/sun/jersey/contribs/jersey-apache-client4/1.19.1/</a>
jettison	1.3.7	Apache 2.0	<a href="https://github.com/jettison-json/jettison">https://github.com/jettison-json/jettison</a>
jjwt	0.7.0	Apache 2.0	<a href="https://github.com/jwt/jjwt">https://github.com/jwt/jjwt</a>

jna	4.5.1	Apache 2.0 LGPL 2.1	<a href="https://github.com/java-native-access/jna">https://github.com/java-native-access/jna</a>
joda-time	2.9.9	Apache 2.0	<a href="http://www.joda.org/joda-time/">http://www.joda.org/joda-time/</a>
jolokia-core	1.3.7	Apache 2.0	<a href="http://www.jolokia.org/jolokia-agent-parent/jolokia-core/">http://www.jolokia.org/jolokia-agent-parent/jolokia-core/</a>
jopt-simple	5.0.2	MIT	<a href="http://jopt-simple.github.io/jopt-simple">http://jopt-simple.github.io/jopt-simple</a>
json-java			
json-simple	1.1.1	Apache 2.0	<a href="http://code.google.com/p/json-simple/">http://code.google.com/p/json-simple/</a>
jsp			
jsr-305	3.0.2	CDDL 1.1	<a href="https://github.com/xbib/jsr-305">https://github.com/xbib/jsr-305</a>
jsr311-api	1.1.1	CDDL 1.0	<a href="https://jsr311.dev.java.net">https://jsr311.dev.java.net</a>
jstl	1.2	CDDL 1.0 GPL 2.0	<a href="https://www.oracle.com/java/technologies/java-server-tag-library.html">https://www.oracle.com/java/technologies/java-server-tag-library.html</a>
jts	1.13	LGPL 2.1	<a href="http://www.vividsolutions.com/jts">http://www.vividsolutions.com/jts</a>
kaptcha	0.0.9	Apache 2.0	<a href="https://github.com/penggle/kaptcha">https://github.com/penggle/kaptcha</a>
lang-mustache-client	7.7.1	Apache 2.0	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>
libffi		Apache 2.0 GPL 2.0	<a href="https://github.com/atgreen/libffi">https://github.com/atgreen/libffi</a>
listenablefuture	9999.0-empty-to-avoid-conflict-with-guava	Apache 2.0	<a href="https://github.com/google/guava">https://github.com/google/guava</a>
log4j-api	2.8.2	Apache 2.0	<a href="https://github.com/apache/logging-log4j2">https://github.com/apache/logging-log4j2</a>
logback	1.2.3	EPL 1.0 LGPL 2.1	<a href="https://logback.qos.ch/">https://logback.qos.ch/</a>
lombok	1.16.6	MIT	<a href="https://projectlombok.org">https://projectlombok.org</a>
lombok	1.18.6	MIT	<a href="https://projectlombok.org">https://projectlombok.org</a>
lucene	8.5.1	Apache 2.0	<a href="https://lucene.apache.org/">https://lucene.apache.org/</a>
lucene-analyzers-common	8.5.1	Apache 2.0	<a href="https://lucene.apache.org/">https://lucene.apache.org/</a>
mapstruct	1.0.0.cr1	Apache 2.0	<a href="https://mapstruct.org/">https://mapstruct.org/</a>
mustache.java	0.9.6	Apache 2.0	<a href="http://github.com/spullara/mustache.java">http://github.com/spullara/mustache.java</a>
mxparser	1.2.1	Indiana University Extreme! Lab Software License, Version 1.2	<a href="http://x-stream.github.io/mxparser">http://x-stream.github.io/mxparser</a>
mybatis	3.5.6	Apache 2.0	<a href="https://github.com/mybatis">https://github.com/mybatis</a>
mybatis-paginator	1.2.17	Apache 2.0	<a href="https://github.com/miemiedev/mybatis-paginator">https://github.com/miemiedev/mybatis-paginator</a>
mybatis-spring	1.1.1	Apache 2.0	<a href="http://www.mybatis.org/spring/">http://www.mybatis.org/spring/</a>
mysql-jdbc	8.0.20	GPL 2.0	<a href="https://dev.mysql.com/doc/connector-j/8.0/en/">https://dev.mysql.com/doc/connector-j/8.0/en/</a>
netflix-commons-util	0.1.1	Apache 2.0	<a href="https://github.com/Netflix/netflix-commons">https://github.com/Netflix/netflix-commons</a>

netflix-eventbus	0.3.0	Apache 2.0	<a href="https://github.com/Netflix/netflix-commons">https://github.com/Netflix/netflix-commons</a>
netflix-infix	0.3.0	Apache 2.0	<a href="https://github.com/Netflix/netflix-commons">https://github.com/Netflix/netflix-commons</a>
netflix-statistics	0.1.1	Apache 2.0	<a href="https://github.com/Netflix/netflix-commons">https://github.com/Netflix/netflix-commons</a>
netty	4.1.63	Apache 2.0	<a href="https://netty.io/">https://netty.io/</a>
netty-transport-native-epoll	4.1.47	Apache 2.0	<a href="https://netty.io/">https://netty.io/</a>
objenesis	2.1	Apache 2.0	<a href="http://objenesis.org/">http://objenesis.org/</a>
ognl	3.2.15	Apache 2.0	<a href="https://github.com/jkuhnert/ognl/">https://github.com/jkuhnert/ognl/</a>
ojdbc6	11.2.0.1	Oracle Free Use Terms and Conditions	<a href="https://www.oracle.com/database/technologies/appdev/jdbc.html">https://www.oracle.com/database/technologies/appdev/jdbc.html</a>
org.eclipse.jdt.core.compiler.batch	3.12.3.v20170228-1205	EPL 1.0	<a href="http://www.eclipse.org">http://www.eclipse.org</a>
org.elasticsearch#elasticsearch-ssl-config	7.7.1	Apache 2.0	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>
org.elasticsearch.plugin#percolator	7.7.1	Apache 2.0	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>
org.elasticsearch.plugin#reindex	7.7.1	Apache 2.0	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>
org.hibernate.core	5.0.12.final	LGPL 2.1	<a href="http://hibernate.org">http://hibernate.org</a>
org.hibernate.entitymanager	5.0.12.final	LGPL 2.1	<a href="http://hibernate.org">http://hibernate.org</a>
org.hibernate.javax.persistence.hibernate-jpa-2.1-api	1.0.0.final	LGPL 2.1	LGPL 2.1
org.locationtech.spatial4j	0.6.0	Apache 2.0	<a href="https://projects.eclipse.org/projects/locationtech.spatial4j">https://projects.eclipse.org/projects/locationtech.spatial4j</a>
parent-join-client	7.7.1	Apache 2.0	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>
percolator-client	7.7.1	Apache 2.0	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>
persistence-api	1.0.0	CDDL 1.0	<a href="http://www.jcp.org/en/jsr/detail?id=220">http://www.jcp.org/en/jsr/detail?id=220</a>
protobuf-java	3.6.1	BSD 3-clause	<a href="https://github.com/protocolbuffers/protobuf/tree/main/java">https://github.com/protocolbuffers/protobuf/tree/main/java</a>
rank-eval-client	7.7.1	Apache 2.0	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>
reindex-client	7.7.1	Apache 2.0	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>
ribbon	2.2.0	Apache 2.0	<a href="https://github.com/Netflix/ribbon">https://github.com/Netflix/ribbon</a>
rxjava	1.1.10	Apache 2.0	<a href="https://github.com/ReactiveX/RxJava">https://github.com/ReactiveX/RxJava</a>
rxnetty	0.4.9	Apache 2.0	<a href="https://github.com/ReactiveX/RxNetty">https://github.com/ReactiveX/RxNetty</a>
rxnetty-contexts	0.4.9	Apache 2.0	<a href="https://github.com/ReactiveX/RxNetty">https://github.com/ReactiveX/RxNetty</a>
rxnetty-servo	0.4.9	Apache 2.0	<a href="https://github.com/ReactiveX/RxNetty">https://github.com/ReactiveX/RxNetty</a>
servlet-api	4.0	CDDL 1.0 GPL 2.0	<a href="https://javaee.github.io/servlet-spec/">https://javaee.github.io/servlet-spec/</a>
servo	0.10.1	Apache 2.0	<a href="https://github.com/Netflix/servo">https://github.com/Netflix/servo</a>
servo-core	0.10.1	Apache 2.0	<a href="https://github.com/Netflix/servo">https://github.com/Netflix/servo</a>
servo-internal	0.10.1	Apache 2.0	<a href="https://github.com/Netflix/servo">https://github.com/Netflix/servo</a>
shiro	1.7.1	Apache 2.0	<a href="https://shiro.apache.org/">https://shiro.apache.org/</a>
shiro-cache	1.7.1	Apache 2.0	<a href="https://shiro.apache.org/">https://shiro.apache.org/</a>

slf4j-log4j12		MIT	<a href="http://www.slf4j.org">http://www.slf4j.org</a>
snakeyaml	1.26	Apache 2.0	<a href="http://www.snakeyaml.org">http://www.snakeyaml.org</a>
spatial4j	0.6	Apache 2.0	<a href="https://projects.eclipse.org/projects/locationtech.spatial4j">https://projects.eclipse.org/projects/locationtech.spatial4j</a>
spring-cloud-netflix	1.2.5.release	Apache 2.0	<a href="https://spring.io/projects/spring-cloud">https://spring.io/projects/spring-cloud</a>
spring-data-jpa	1.11.13.release	Apache 2.0	<a href="http://projects.spring.io/spring-data-jpa">http://projects.spring.io/spring-data-jpa</a>
spring-session	2.1.4.release	Apache 2.0	<a href="https://github.com/spring-projects/spring-session">https://github.com/spring-projects/spring-session</a>
spring-aop	4.3.20	Apache 2.0	<a href="https://github.com/spring-projects/spring-framework">https://github.com/spring-projects/spring-framework</a>
spring-boot	1.5.14	Apache 2.0	<a href="http://projects.spring.io/spring-boot/">http://projects.spring.io/spring-boot/</a>
spring-boot-starter-redis	1.4.7	Apache 2.0	<a href="http://projects.spring.io/spring-boot/">http://projects.spring.io/spring-boot/</a>
spring-boot-starter-redis	1.4.7.release	Apache 2.0	<a href="http://projects.spring.io/spring-boot/">http://projects.spring.io/spring-boot/</a>
spring-cloud-commons	1.1.7	Apache 2.0	<a href="https://spring.io/projects/spring-cloud">https://spring.io/projects/spring-cloud</a>
spring-cloud-context	1.1.7	Apache 2.0	<a href="https://spring.io/projects/spring-cloud">https://spring.io/projects/spring-cloud</a>
spring-cloud-context	1.1.7.release	Apache 2.0	<a href="https://spring.io/projects/spring-cloud">https://spring.io/projects/spring-cloud</a>
spring-cloud-netflix-core	1.2.5	Apache 2.0	<a href="https://spring.io/projects/spring-cloud">https://spring.io/projects/spring-cloud</a>
spring-cloud-starter	1.1.7.release	Apache 2.0	<a href="https://spring.io/projects/spring-cloud">https://spring.io/projects/spring-cloud</a>
spring-cloud-starter-archaius	1.2.5.release	Apache 2.0	<a href="https://spring.io/projects/spring-cloud">https://spring.io/projects/spring-cloud</a>
spring-cloud-starter-eureka	1.2.5.release	Apache 2.0	<a href="https://spring.io/projects/spring-cloud">https://spring.io/projects/spring-cloud</a>
spring-cloud-starter-ribbon	1.2.5.release	Apache 2.0	<a href="https://spring.io/projects/spring-cloud">https://spring.io/projects/spring-cloud</a>
spring-data-commons	1.13.15	Apache 2.0	<a href="https://spring.io/">https://spring.io/</a>
spring-data-jpa	1.11.13	Apache 2.0	<a href="http://projects.spring.io/spring-data-jpa">http://projects.spring.io/spring-data-jpa</a>
spring-data-keyvalue	1.2.13	Apache 2.0	<a href="https://spring.io/projects">https://spring.io/projects</a>
spring-data-redis	1.8.13	Apache 2.0	<a href="https://spring.io/projects">https://spring.io/projects</a>
spring-hateoas	0.23.0	Apache 2.0	<a href="http://github.com/SpringSource/spring-hateoas">http://github.com/SpringSource/spring-hateoas</a>
spring-hateoas	0.23.0.release	Apache 2.0	<a href="http://github.com/SpringSource/spring-hateoas">http://github.com/SpringSource/spring-hateoas</a>
spring-plugin-core	1.2.0	Apache 2.0	<a href="https://spring.io/projects">https://spring.io/projects</a>
spring-plugin-metadata	1.2.0.release	Apache 2.0	<a href="https://spring.io/projects">https://spring.io/projects</a>
spring-retry	1.2.2.release	Apache 2.0	<a href="http://www.springsource.org">http://www.springsource.org</a>
spring-security-crypto	4.2.3	Apache 2.0	<a href="http://spring.io/spring-security">http://spring.io/spring-security</a>
spring-security-jwt		Apache 2.0	<a href="https://github.com/spring-projects/spring-security-oauth">https://github.com/spring-projects/spring-security-oauth</a>
spring-security-rsa	1.0.3	Apache 2.0	<a href="http://github.com/spring-projects/spring-security-oauth">http://github.com/spring-projects/spring-security-oauth</a>
spring-security-rsa	1.0.3.build-snapshot	Apache 2.0	<a href="http://github.com/spring-projects/spring-security-oauth">http://github.com/spring-projects/spring-security-oauth</a>
spring-session	1.3.3	Apache 2.0	<a href="https://github.com/spring-projects/spring-session">https://github.com/spring-projects/spring-session</a>
springfox-core	2.2.2	Apache 2.0	<a href="http://springfox.github.io/springfox/">http://springfox.github.io/springfox/</a>
stax-api	1.0.1	Apache 2.0	<a href="http://stax.codehaus.org/">http://stax.codehaus.org/</a>

stax2	3.1.4	BSD 2-clause	<a href="http://wiki.fasterxml.com/WoodstoxStax2">http://wiki.fasterxml.com/WoodstoxStax2</a>
streaming api for xml (stax) - jsr-173	1.0-2		<a href="https://jcp.org/en/jsr/detail?id=173">https://jcp.org/en/jsr/detail?id=173</a>
stringtemplate	3.2.1	BSD	<a href="http://www.stringtemplate.org">http://www.stringtemplate.org</a>
sun java system application server	1.2		<a href="http://www.oracle.com">http://www.oracle.com</a>
swagger	1.5.3	Apache 2.0	<a href="https://github.com/swagger-api">https://github.com/swagger-api</a>
swagger-bootstrap-ui	1.9.1	Apache 2.0	<a href="https://git.oschina.net/xiaoym/swagger-bootstrap-ui">https://git.oschina.net/xiaoym/swagger-bootstrap-ui</a>
t-digest	3.2	Apache 2.0	<a href="https://github.com/tdunning/t-digest">https://github.com/tdunning/t-digest</a>
taglibs-standard		Apache 2.0	<a href="https://tomcat.apache.org/taglibs/standard/">https://tomcat.apache.org/taglibs/standard/</a>
tomcat	8.5.69	Apache 2.0	<a href="https://tomcat.apache.org/">https://tomcat.apache.org/</a>
tomcat-annotations-api	8.5.69	Apache 2.0	<a href="https://tomcat.apache.org/">https://tomcat.apache.org/</a>
tomcat-embed-jasper	8.5.69	Apache 2.0	<a href="https://tomcat.apache.org/">https://tomcat.apache.org/</a>
transport-netty4-client	7.7.1	Apache 2.0	<a href="https://github.com/elastic/elasticsearch">https://github.com/elastic/elasticsearch</a>
transportclient	7.7.1	Apache 2.0	<a href="http://ubirch.com">http://ubirch.com</a>
validation-api	1.1.0	Apache 2.0	<a href="http://beanvalidation.org">http://beanvalidation.org</a>
wcc_krb5	8.0.2-302002	未知	华为仓库
woodstox-core-asl	4.4.1	Apache 2.0	<a href="http://woodstox.codehaus.org">http://woodstox.codehaus.org</a>
xmllpull	1.1.3.1	Public	<a href="http://www.xmlpull.org">http://www.xmlpull.org</a>
xstream	1.4.17	BSD 3-clause	<a href="http://x-stream.github.io/">http://x-stream.github.io/</a>

# 1 License 许可证

## 1.1 Apache 2.0

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

<p><i>Apache License</i></p> <p><i>Version 2.0, January 2004</i></p> <p><i><a href="http://www.apache.org/licenses/">http://www.apache.org/licenses/</a></i></p> <p><i>TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION</i></p> <p><i>1. Definitions.</i></p> <p><i>"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.</i></p>
--



*"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:*

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

*You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and*

*If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.*

*You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.*

*5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you*

*may have executed with Licensor regarding such Contributions.*

*6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.*

*7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.*

*8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.*

*9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.*

END OF TERMS AND CONDITIONS

## 1.2 BSD

<https://wwwantlr.org/license.html>

*[The BSD License]*

*Copyright (c) 2012 Terence Parr and Sam Harwell*

*All rights reserved.*

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

*Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.*

*Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.*

*Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.*

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

## 1.3 BSD 2-clause

*Copyright <YEAR> <COPYRIGHT HOLDER>*

*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.

## 1.4 BSD 3-clause

Copyright <YEAR> <COPYRIGHT HOLDER>

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.*

## 1.5 BouncyCastle

<https://bouncycastle.org/licence.html>

*Copyright (c) 2000 - 2021 The Legion of the Bouncy Castle Inc. (<https://www.bouncycastle.org>)*

*Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:*

*The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.*

*THE SOFTWARE 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.*

## 1.6 CDDL 1.0

<https://opensource.org/licenses/cddl1.php>

*COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0*

*1. Definitions.*

*1.1. "Contributor" means each individual or entity that creates or contributes to the creation of Modifications.*

*1.2. "Contributor Version" means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.*

- 1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or (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 recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.*

### *3.6. Larger Works.*

*You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.*

## *4. Versions of the License.*

### *4.1. New Versions.*

*Sun Microsystems, Inc. is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.*

### *4.2. Effect of New Versions.*

*You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the*

*License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.*

#### *4.3. Modified Versions.*

*When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.*

#### *5. DISCLAIMER OF WARRANTY.*

*COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, 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 jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.*

**10. RESPONSIBILITY FOR CLAIMS.**

*As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.*

## **1.7 CDDL 1.1**

<https://oss.oracle.com/licenses/CDDL+GPL-1.1>

### *COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.1*

#### *1. Definitions.*

*1.1. "Contributor" means each individual or entity that creates or contributes to the creation of Modifications.*

*1.2. "Contributor Version" means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.*

*1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or (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 recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.*

### *3.6. Larger Works.*

*You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.*

## *4. Versions of the License.*

#### *4.1. New Versions.*

*Oracle is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.*

#### *4.2. Effect of New Versions.*

*You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.*

#### *4.3. Modified Versions.*

*When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise*

*make it clear that the license contains terms which differ from this License.*

#### **5. DISCLAIMER OF WARRANTY.**

*COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE*

*DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.*

#### **6. TERMINATION.**

*6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.*

*6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as "Participant") alleging that the*



*Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.*

*6.3. If You assert a patent infringement claim against Participant alleging that the Participant Software directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.*

*6.4. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.*

## **7. LIMITATION OF LIABILITY.**

**UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT**

(INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR

LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

8. U.S. GOVERNMENT END USERS.

*The Covered Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" (as that term is defined at 48 C.F.R. § 252.227-7014(a)(1)) and "commercial computer software documentation" as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.*

## 9. MISCELLANEOUS.

*This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.*

## 10. RESPONSIBILITY FOR CLAIMS.

*As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or*

*shall be deemed to constitute any admission of liability.*

---

*NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND  
DISTRIBUTION*

*LICENSE (CDDL)*

*The code released under the CDDL shall be governed by the laws of the  
State of California (excluding conflict-of-law provisions). Any  
litigation relating to this License shall be subject to the jurisdiction  
of the Federal Courts of the Northern District of California and the  
state courts of the State of California, with venue lying in Santa Clara  
County, California.*

*The GNU General Public License (GPL) Version 2, June 1991*

*Copyright (C) 1989, 1991 Free Software Foundation, Inc.*

*51 Franklin Street, Fifth Floor*

*Boston, MA 02110-1335*

*USA*

*Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.*

*Preamble*

*The licenses for most software are designed to take away your freedom to*

*share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.*

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

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

*For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.*

*We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.*

*Also, for each author's protection and ours, we want to make certain*

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

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

*The precise terms and conditions for copying, distribution and modification follow.*

#### **TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION**

*0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".*

*Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is*

*covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.*

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

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

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

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

*b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.*

*c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an*

*announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)*

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

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

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

*3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of*



*Sections 1 and 2 above provided that you also do one of the following:*

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,*
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,*
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)*

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

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

*4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.*

*5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.*

*6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.*

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

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

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

*This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.*

*8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.*

*9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.*

*Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.*

*10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.*

## *NO WARRANTY*

*11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.*

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

## *END OF TERMS AND CONDITIONS*

### *How to Apply These Terms to Your New Programs*

*If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.*

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

*One line to give the program's name and a brief idea of what it does.*

*Copyright (C) <year> <name of author>*

*This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.*

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

*You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA*

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

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

*Gnomovision version 69, Copyright (C) year name of author*

*Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type*

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

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

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

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

*signature of Ty Coon, 1 April 1989*

*Ty Coon, President of Vice*

*This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.*

*#*

*Certain source files distributed by Oracle America, Inc. and/or its affiliates are subject to the following clarification and special exception to the GPLv2, based on the GNU Project exception for its*

*Classpath libraries, known as the GNU Classpath Exception, but only where Oracle has expressly included in the particular source file's header the words "Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the LICENSE file that accompanied this code."*

*You should also note that Oracle includes multiple, independent programs in this software package. Some of those programs are provided under licenses deemed incompatible with the GPLv2 by the Free Software Foundation and others. For example, the package includes programs licensed under the Apache License, Version 2.0. Such programs are licensed to you under their original licenses.*

*Oracle facilitates your further distribution of this package by adding the Classpath Exception to the necessary parts of its GPLv2 code, which permits you to use that code in combination with other independent modules not licensed under the GPLv2. However, note that this would not permit you to commingle code under an incompatible license with Oracle's GPLv2 licensed code by, for example, cutting and pasting such code into a file also containing Oracle's GPLv2 licensed code and then distributing the result. Additionally, if you were to remove the Classpath Exception from any of the files to which it applies and distribute the result, you would likely be required to license some or all of the other code in that distribution under the GPLv2 as well, and since the GPLv2 is incompatible with the license terms of some items included in the distribution by Oracle, removing the Classpath Exception could therefore effectively compromise your ability to further distribute the package.*

*Proceed with caution and we recommend that you obtain the advice of a*



*lawyer skilled in open source matters before removing the Classpath Exception or making modifications to this package which may subsequently be redistributed and/or involve the use of third party software.*

#### **CLASSPATH EXCEPTION**

*Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License version 2 cover the whole combination.*

*As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.*

## **1.8 EDL 1.0**

<http://www.eclipse.org/org/documents/edl-v10.php>

*Eclipse Distribution License - v 1.0*

*Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.*

*All rights reserved.*

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

*Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.*

*Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.*

*Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.*

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

## **1.9 EPL 1.0**

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

*Eclipse Public License - v 1.0*

*THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.*

### *1. DEFINITIONS*

*"Contribution" means:*

*a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and*

*b) in the case of each subsequent Contributor:*

*i) changes to the Program, and*

*ii) additions to the Program;*

*where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.*

*"Contributor" means any person or entity that distributes the Program.*

*"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.*

*"Program" means the Contributions distributed in accordance with this Agreement.*

*"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.*

## **2. GRANT OF RIGHTS**

*a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.*

*b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-*

*exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.*

*c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.*

*d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.*

### **3. REQUIREMENTS**

*A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:*

*a) it complies with the terms and conditions of this Agreement; and*

*b) its license agreement:*

*i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;*

*ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;*

*iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and*

*iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.*

*When the Program is made available in source code form:*

*a) it must be made available under this Agreement; and*

*b) a copy of this Agreement must be included with each copy of the Program.*

*Contributors may not remove or alter any copyright notices contained within the Program.*

*Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.*

#### **4. COMMERCIAL DISTRIBUTION**

*Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do*

*so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.*

*For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.*

## **5. NO WARRANTY**

**EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its**

*exercise of rights under this Agreement , including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.*

#### **6. DISCLAIMER OF LIABILITY**

*EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.*

#### **7. GENERAL**

*If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.*

*If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.*

*All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this*

*Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.*

*Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.*

*This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.*

## **1.10 GPL 2.0**

<https://www.gnu.org/licenses/old-licenses/gpl-2.0.html>

*GNU GENERAL PUBLIC LICENSE*

*Version 2, June 1991*

*Copyright (C) 1989, 1991 Free Software Foundation, Inc.*



51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

*Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.*

#### *Preamble*

*The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.*

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

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

*For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.*

*We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.*

*Also, for each author's protection and ours, we want to make certain that everyone understands*

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

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

*The precise terms and conditions for copying, distribution and modification follow.*

#### **TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION**

*0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".*

*Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.*

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

*copy of this License along with the Program.*

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

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

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

*b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.*

*c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)*

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

*Thus, it is not the intent of this section to claim rights or contest your rights to work written*

*entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.*

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

*3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:*

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

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

*c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)*

*The source code for a work means the preferred form of the work for making modifications to it.*

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

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

*4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.*

*5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.*

*6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.*

*7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-*

*free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.*

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

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

*This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.*

*8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.*

*9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.*

*Each version is given a distinguishing version number. If the Program specifies a version number*

*of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.*

*10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.*

#### **NO WARRANTY**

*11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.*

*12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED*

*INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.*

#### *END OF TERMS AND CONDITIONS*

##### *How to Apply These Terms to Your New Programs*

*If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.*

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

*one line to give the program's name and an idea of what it does.*

*Copyright (C) yyyy name of author*

*This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.*

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

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



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

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

*Gnomovision version 69, Copyright (C) year name of author*

*Gnomovision comes with ABSOLUTELY NO WARRANTY; for details*

*type `show w'. This is free software, and you are welcome*

*to redistribute it under certain conditions; type `show c'*

*for details.*

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

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

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

*signature of Ty Coon, 1 April 1989*

*Ty Coon, President of Vice*

*This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.*

## 1.11 LGPL 2.1

<https://www.gnu.org/licenses/old-licenses/lgpl-2.1.en.html>

### *GNU LESSER GENERAL PUBLIC LICENSE*

*Version 2.1, February 1999*

*Copyright (C) 1991, 1999 Free Software Foundation, Inc.*

*51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA*

*Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.*

*[This is the first released version of the Lesser GPL. It also counts  
as the successor of the GNU Library Public License, version 2, hence  
the version number 2.1.]*

#### *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 Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.*

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

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

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

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

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

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

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

*When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library.*

*The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.*

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

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

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

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

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

## *TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION*

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

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

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

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

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

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

*refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.*

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

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

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

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

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

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

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

*These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License,*

*whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.*

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

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

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

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

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

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

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

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

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

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

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

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



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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- e) Verify that the user has already received a copy of these materials or that you have already sent

*this user a copy.*

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

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

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

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

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

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

*9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions*

*are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.*

*10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.*

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

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

*It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to*

*decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.*

*This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.*

*12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.*

*13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.*

*Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.*

*14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.*

**NO WARRANTY**

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

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

END OF TERMS AND CONDITIONS

*How to Apply These Terms to Your New Libraries*

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

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

*have at least the "copyright" line and a pointer to where the full notice is found.*

*one line to give the library's name and an idea of what it does.*

*Copyright (C) year name of author*

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

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

*You should have received a copy of the GNU Lesser General Public  
License along with this library; if not, write to the Free Software  
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA  
Also add information on how to contact you by electronic and paper mail.*

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

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

*signature of Ty Coon, 1 April 1990*

*Ty Coon, President of Vice*

*That's all there is to it!*

## 1.12 LGPL 3.0

<https://www.gnu.org/licenses/lgpl-3.0.html>

### *GNU LESSER GENERAL PUBLIC LICENSE*

*Version 3, 29 June 2007*

*Copyright © 2007 Free Software Foundation, Inc. <<https://fsf.org/>>*

*Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.*

*This version of the GNU Lesser General Public License incorporates the terms and conditions of version 3 of the GNU General Public License, supplemented by the additional permissions listed below.*

#### *0. Additional Definitions.*

*As used herein, “this License” refers to version 3 of the GNU Lesser General Public License, and the “GNU GPL” refers to version 3 of the GNU General Public License.*

*“The Library” refers to a covered work governed by this License, other than an Application or a Combined Work as defined below.*

*An “Application” is any work that makes use of an interface provided by the Library, but which is not otherwise based on the Library. Defining a subclass of a class defined by the Library is deemed a mode of using an interface provided by the Library.*

*A “Combined Work” is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the “Linked Version”.*

*The “Minimal Corresponding Source” for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.*

*The “Corresponding Application Code” for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.*

#### *1. Exception to Section 3 of the GNU GPL.*

*You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.*

## *2. Conveying Modified Versions.*

*If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:*

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or*
- b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.*

## *3. Object Code Incorporating Material from Library Header Files.*

*The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:*

- a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.*
- b) Accompany the object code with a copy of the GNU GPL and this license document.*

## *4. Combined Works.*

*You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:*

- a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.*
- b) Accompany the Combined Work with a copy of the GNU GPL and this license document.*
- c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.*
- d) Do one of the following:*

*0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.*

*1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.*

*e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you*



*use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)*

#### *5. Combined Libraries.*

*You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:*

- a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.*
- b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.*

#### *6. Revised Versions of the GNU Lesser General Public License.*

*The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.*

*Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License “or any later version” applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.*

*If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.*

## **1.13 MIT**

<https://mit-license.org/>

*Copyright <YEAR> <COPYRIGHT HOLDER>*

*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.*

## **1.14 MPL 1.1**

<https://www.mozilla.org/en-US/MPL/1.1/>

### *1. Definitions.*

#### *1.0.1. "Commercial Use"*

*means distribution or otherwise making the Covered Code available to a third party.*

#### *1.1. "Contributor"*

*means each entity that creates or contributes to the creation of Modifications.*

#### *1.2. "Contributor Version"*

*means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.*

#### *1.3. "Covered Code"*

*means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.*

*1.4. "Electronic Distribution Mechanism"*

*means a mechanism generally accepted in the software development community for the electronic transfer of data.*

*1.5. "Executable"*

*means Covered Code in any form other than Source Code.*

*1.6. "Initial Developer"*

*means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.*

*1.7. "Larger Work"*

*means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.*

*1.8. "License"*

*means this document.*

*1.8.1. "Licensable"*

*means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.*

*1.9. "Modifications"*

*means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:*

*Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.*

*Any new file that contains any part of the Original Code or previous Modifications.*

#### *1.10. "Original Code"*

*means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.*

##### *1.10.1. "Patent Claims"*

*means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.*

#### *1.11. "Source Code"*

*means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.*

#### *1.12. "You" (or "Your")*

*means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.*

## *2. Source Code License.*

### *2.1. The Initial Developer Grant.*

*The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:*

*under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).*

*the licenses granted in this Section 2.1 (a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.*

*Notwithstanding Section 2.1 (b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.*

### *2.2. Contributor Grant.*

*Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license*

*under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by*

*such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and*

*under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).*

*the licenses granted in Sections 2.2 (a) and 2.2 (b) are effective on the date Contributor first makes Commercial Use of the Covered Code.*

*Notwithstanding Section 2.2 (b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.*

### *3. Distribution Obligations.*

#### *3.1. Application of License.*

*The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.*

### *3.2. Availability of Source Code.*

*Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.*

### *3.3. Description of Modifications.*

*You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.*

### *3.4. Intellectual Property Matters*

#### *(a) Third Party Claims*

*If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the*

*claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.*

*(b) Contributor APIs*

*If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.*

*(c) Representations.*

*Contributor represents that, except as disclosed pursuant to Section 3.4 (a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.*

*3.5. Required Notices.*

*You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered*



*Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.*

### *3.6. Distribution of Executable Versions.*

*You may distribute Covered Code in Executable form only if the requirements of Sections 3.1, 3.2, 3.3, 3.4 and 3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.*

### *3.7. Larger Works.*

*You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.*

#### *4. Inability to Comply Due to Statute or Regulation.*

*If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.*

#### *5. Application of this License.*

*This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.*

#### *6. Versions of the License.*

##### *6.1. New Versions*

*Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.*

## *6.2. Effect of New Versions*

*Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.*

## *6.3. Derivative Works*

*If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)*

## *7. DISCLAIMER OF WARRANTY*

*COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABILITY, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY*

*NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.*

#### *8. Termination*

*8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.*

*8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:*

*such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.*

*any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.*

*8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.*

*8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.*

## **9. LIMITATION OF LIABILITY**

**UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH**

*LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.*

*10. U.S. government end users*

*The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.*

*11. Miscellaneous*

*This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.*

## *12. Responsibility for claims*

*As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.*

## *13. Multiple-licensed code*

*Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the MPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.*

*Exhibit A - Mozilla Public License.*

*"The contents of this file are subject to the Mozilla Public License*

*Version 1.1 (the "License"); you may not use this file except in*

*compliance with the License. You may obtain a copy of the License at*

*<https://www.mozilla.org/MPL/>*

*Software distributed under the License is distributed on an "AS IS"*

*basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the*

*License for the specific language governing rights and limitations*

*under the License.*

*The Original Code is \_\_\_\_\_.*

*The Initial Developer of the Original Code is \_\_\_\_\_.*

*Portions created by \_\_\_\_\_ are Copyright (C) \_\_\_\_\_*

*\_\_\_\_\_. All Rights Reserved.*

*Contributor(s): \_\_\_\_\_.*

*Alternatively, the contents of this file may be used under the terms*

*of the \_\_\_\_\_ license (the "[\_\_\_\_\_] License"), in which case the*

*provisions of [\_\_\_\_\_] License are applicable instead of those*

*above. If you wish to allow use of your version of this file only*

*under the terms of the [\_\_\_\_\_] License and not to allow others to use*

*your version of this file under the MPL, indicate your decision by*

*deleting the provisions above and replace them with the notice and*



*other provisions required by the [\_\_\_\_] License. If you do not delete*

*the provisions above, a recipient may use your version of this file*

*under either the MPL or the [\_\_\_\_] License."*

*NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.*

## **1.15 MPL 2.0**

<https://www.mozilla.org/en-US/MPL/2.0/>

### *1. Definitions*

#### *1.1. "Contributor"*

*means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.*

#### *1.2. "Contributor Version"*

*means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.*

#### *1.3. "Contribution"*

*means Covered Software of a particular Contributor.*

#### *1.4. "Covered Software"*

*means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.*

#### *1.5. "Incompatible With Secondary Licenses"*

*means*

*that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or*

*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:*

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

*any new file in Source Code Form that contains any Covered Software.*

*1.11. “Patent Claims” of a Contributor*

*means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.*

#### *1.12. “Secondary License”*

*means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.*

#### *1.13. “Source Code Form”*

*means the form of the work preferred for making modifications.*

#### *1.14. “You” (or “Your”)*

*means an individual or a legal entity exercising rights under this License. For legal entities, “You” includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, “control” means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.*

### *2. License Grants and Conditions*

#### *2.1. Grants*

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

*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*

*under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and*

*otherwise transfer either its Contributions or its Contributor Version.*

## *2.2. Effective Date*

*The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.*

## *2.3. Limitations on Grant Scope*

*The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:*

*for any code that a Contributor has removed from Covered Software; or*

*for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or*

*under Patent Claims infringed by Covered Software in the absence of its Contributions.*

*This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).*

## *2.4. Subsequent Licenses*

*No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).*

## *2.5. Representation*

*Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this*

*License.*

## *2.6. Fair Use*

*This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.*

## *2.7. Conditions*

*Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.*

## *3. Responsibilities*

### *3.1. Distribution of Source Form*

*All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.*

### *3.2. Distribution of Executable Form*

*If You distribute Covered Software in Executable Form then:*

*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*

*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.*

#### *Exhibit A - Source Code Form License Notice*

*This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <https://mozilla.org/MPL/2.0/>.*

*If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.*

*You may add additional accurate notices of copyright ownership.*

*Exhibit B - "Incompatible With Secondary Licenses" Notice*

*This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.*

## **1.16 Oracle Free Use Terms and Conditions**

<https://www.oracle.com/downloads/licenses/oracle-free-license.html>

### *Oracle Free Use Terms and Conditions*

#### *Definitions*

*"Oracle" refers to Oracle America, Inc. "You" and "Your" refers to (a) a company or organization (each an "Entity") accessing the Programs, if use of the Programs will be on behalf of such Entity; or (b) an individual accessing the Programs, if use of the Programs will not be on behalf of an Entity. "Program(s)" refers to Oracle software provided by Oracle pursuant to the following terms and any updates, error corrections, and/or Program Documentation provided by Oracle. "Program Documentation" refers to Program user manuals and Program installation manuals, if any. If available, Program Documentation may be delivered with the Programs and/or may be accessed from [www.oracle.com/documentation](http://www.oracle.com/documentation). "Separate Terms" refers to separate license terms that are specified in the Program Documentation, readmes or notice files and that apply to Separately Licensed Technology. "Separately Licensed Technology" refers to Oracle or third party technology that is licensed under Separate Terms and not under the terms of this license.*

#### *Separately Licensed Technology*

*Oracle may provide certain notices to You in Program Documentation, readmes or notice files in connection with Oracle or third party technology provided as or with the Programs. If specified in the Program Documentation, readmes or notice files, such technology will be licensed to You under Separate Terms. Your rights to use Separately Licensed Technology under Separate Terms are not restricted in any way by the terms herein. For clarity, notwithstanding the existence of a notice, third party technology that is not Separately Licensed Technology shall be deemed part of the Programs licensed to You under the terms of this license.*

#### *Source Code for Open Source Software*

*For software that You receive from Oracle in binary form that is licensed under an open source license that gives You the right to receive the source code for that binary, You can obtain a copy of the applicable source code from <https://oss.oracle.com/sources/> or <http://www.oracle.com/goto/opensourcecode>. If the source code for such software was not provided to You with the binary, You can also receive a copy of the source code on physical media by submitting a written request pursuant to the instructions in the "Written Offer for Source Code" section of the latter website.*

*The following license terms apply to those Programs that are not provided to You under Separate Terms.*

#### *License Rights and Restrictions*

*Oracle grants to You, as a recipient of this Program, a nonexclusive, nontransferable, limited license to, subject to the conditions stated herein, (a) internally use the unmodified Programs for the purposes of developing, testing, prototyping and demonstrating your applications, and running the Programs for your own internal business operations; and (b) redistribute unmodified Programs and Programs Documentation, under the terms of this License, provided that You do not charge Your end users any additional fees for the use of the Programs. You may make copies of the Programs to the extent reasonably necessary for exercising the license rights granted herein and for backup purposes. You are granted the right to use the Programs to provide third party training in the use of the Programs and associated Separately Licensed Technology only if there is express authorization of such use by Oracle on the Program's download page or in the Program Documentation.*

*Your license is contingent on Your compliance with the following conditions:*

- You include a copy of this license with any distribution by You of the Programs;*
- You do not remove markings or notices of either Oracle's or a licensor's proprietary rights from the Programs or Program Documentation;*
- You comply with all U.S. and applicable export control and economic sanctions laws and regulations that govern Your use of the Programs (including technical data);*
- You do not cause or permit reverse engineering, disassembly or decompilation of the Programs (except as allowed by law) by You nor allow an associated party to do so.*

*For clarity, any source code that may be included in the distribution with the Programs is provided solely for reference purposes and may not be modified, unless such source code is under Separate Terms permitting modification.*

#### *Ownership*

*Oracle or its licensors retain all ownership and intellectual property rights to the Programs.*

#### *Information Collection*

*The Programs' installation and/or auto-update processes, if any, may transmit a limited amount of data to Oracle or its service provider about those processes to help Oracle understand and optimize them. Oracle does not associate the data with personally identifiable information. Refer to Oracle's Privacy Policy at [www.oracle.com/privacy](http://www.oracle.com/privacy).*

*Disclaimer of Warranties; Limitation of Liability*

*THE PROGRAMS ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND. ORACLE FURTHER DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT.*

*IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW WILL ORACLE BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.*

*Last updated: 9 October 2018*

## **1.17 Indiana University Extreme! Lab Software License, Version 1.2**

<https://x-stream.github.io/mxparser/licenses.html>

*Indiana University Extreme! Lab Software License, Version 1.2*

*Copyright (C) 2003 The Trustees of Indiana University.*

*All rights reserved.*

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

- 1) All redistributions of source code must retain the above copyright notice, the list of authors in the original source code, this list of conditions and the disclaimer listed in this license;*
- 2) All redistributions in binary form must reproduce the above copyright notice, this list of conditions and the disclaimer listed in this license in the documentation and/or other materials provided with the distribution;*
- 3) Any documentation included with all redistributions must include the following acknowledgement:*

*"This product includes software developed by the Indiana University Extreme! Lab. For further information please visit <http://www.extreme.indiana.edu/>"*

*Alternatively, this acknowledgment may appear in the software itself, and wherever such third-party acknowledgments normally appear.*

- 4) *The name "Indiana University" or "Indiana University Extreme! Lab" shall not be used to endorse or promote products derived from this software without prior written permission from Indiana University. For written permission, please contact <http://www.extreme.indiana.edu/>.*
- 5) *Products derived from this software may not use "Indiana University" name nor may "Indiana University" appear in their name, without prior written permission of the Indiana University.*

*Indiana University provides no reassurances that the source code provided does not infringe the patent or any other intellectual property rights of any other entity. Indiana University disclaims any liability to any recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise.*

*LICENSEE UNDERSTANDS THAT SOFTWARE IS PROVIDED "AS IS" FOR WHICH NO WARRANTIES AS TO CAPABILITIES OR ACCURACY ARE MADE. INDIANA UNIVERSITY GIVES NO WARRANTIES AND MAKES NO REPRESENTATION THAT SOFTWARE IS FREE OF INFRINGEMENT OF THIRD PARTY PATENT, COPYRIGHT, OR OTHER PROPRIETARY RIGHTS. INDIANA UNIVERSITY MAKES NO WARRANTIES THAT SOFTWARE IS FREE FROM "BUGS", "VIRUSES", "TROJAN HORSES", "TRAP DOORS", "WORMS", OR OTHER HARMFUL CODE. LICENSEE ASSUMES THE ENTIRE RISK AS TO THE PERFORMANCE OF SOFTWARE AND/OR ASSOCIATED MATERIALS, AND TO THE PERFORMANCE AND VALIDITY OF INFORMATION GENERATED USING SOFTWARE.*

## 2 Written Offer 书面邀约

我司产品未对使用 GPL、LGPL、MPL 的开源软件进行修改，并且也未直接使用 GPL、LGPL、MPL 协议的开源软件。例如，我们用到了 MyBatis，其协议未 Apache 2.0，而 MyBatis 用到了 javassist，javassist 协议为 MPL1.1

