

Azul Payara Enterprise 7.6.0 Micro

Third-Party Licensing Information

Table of Contents

Introduction 1

Third-Party Components 1

License Texts 16

Apache-2.0 16

BSD-2-Clause 19

BSD-3-Clause 20

BSD-4-Clause 20

CC0-1.0 21

CDDL-1.0 23

EPL-2.0 28

GPL-2.0-with-classpath-exception 32

LGPL-2.1-only 38

LGPL-2.1-or-later 46

MIT 53

MIT-0 54

MPL-1.1 54

Public-Domain 61

W3C-19990405 61

Introduction

Azul Payara Enterprise 7.6.0 Micro incorporates third-party licensed software packages. Some of these licenses have distribution restrictions and some have only reporting requirements.

This document lists the third-party packages, with their version and the license or licenses under which they are distributed. The license texts follow the list of packages.

Third-Party Components

This list contains **253** third-party components in Azul Payara Enterprise 7.6.0 Micro.

Component	Group ID	Version	License(s)
accessors-smart	net.minidev	2.5.2	Apache-2.0
accessors-smart	net.minidev	2.6.0	Apache-2.0
angus-activation	org.eclipse.angus	2.0.3	BSD-3-Clause
angus-mail	org.eclipse.angus	2.0.5	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause
animal-sniffer-annotations	org.codehaus.mojo	1.27	MIT
annotations	org.jetbrains	13.0	Apache-2.0
aopalliance-repackaged	org.glassfish.hk2.external	4.0.3	EPL-2.0, GPL-2.0-with-classpath-exception
asm	org.ow2.asm	9.11.1	BSD-3-Clause
asm-analysis	org.ow2.asm	9.11.1	BSD-3-Clause
asm-commons	org.ow2.asm	9.11.1	BSD-3-Clause
asm-tree	org.ow2.asm	9.11.1	BSD-3-Clause
asm-util	org.ow2.asm	9.11.1	BSD-3-Clause
bcel	org.apache.bcel	6.13.0	Apache-2.0

Component	Group ID	Version	License(s)
cache-api	javax.cache	1.1.1.payara-p1	Apache-2.0
class-model	org.glassfish.hk2	4.0.3	EPL-2.0, GPL-2.0-with-classpath-exception
classmate	com.fasterxml	1.7.0	Apache-2.0
com.ibm.jbatch.container	com.ibm.jbatch	2.1.1	Apache-2.0
com.ibm.jbatch.spi	com.ibm.jbatch	2.1.1	Apache-2.0
commons-io	commons-io	2.22.0	Apache-2.0
commons-lang3	org.apache.commons	3.20.0	Apache-2.0
concurro	org.glassfish.concurro	3.1.0	EPL-2.0, GPL-2.0-with-classpath-exception
core	org.glassfish.hk2	2.4.0-b14	CDDL-1.0, GPL-2.0-with-classpath-exception
crac	org.crac	1.5.0	BSD-2-Clause
dataprovider	com.sun.woodstock.dependlibs	1.0	CDDL-1.0
epicyro	org.glassfish.epicyro	3.1.2	EPL-2.0, GPL-2.0-with-classpath-exception
error_prone_annotations	com.google.errorprone	2.48.0	Apache-2.0
error_prone_annotations	com.google.errorprone	2.50.0	Apache-2.0
exousia	org.glassfish.exousia	3.0.1	EPL-2.0
expressly	org.glassfish.expressly	6.0.0	EPL-2.0, GPL-2.0-with-classpath-exception
failureaccess	com.google.guava	1.0.3	Apache-2.0
glassfish-corba-csiv2-idl	org.glassfish.corba	5.0.0.payara-p1	BSD-3-Clause
glassfish-corba-internal-api	org.glassfish.corba	5.0.0.payara-p1	BSD-3-Clause

Component	Group ID	Version	License(s)
glassfish-corba-omgapi	org.glassfish.corba	5.0.0.payara-p1	BSD-3-Clause
glassfish-corba-orb	org.glassfish.corba	5.0.0.payara-p1	BSD-3-Clause
gmbal	org.glassfish.gmbal	4.1.2	BSD-3-Clause
gmbal-api-only	org.glassfish.gmbal	4.1.2	BSD-3-Clause
grizzly-comet	org.glassfish.grizzly	5.0.3	EPL-2.0
grizzly-framework	org.glassfish.grizzly	5.0.3	EPL-2.0
grizzly-http	org.glassfish.grizzly	5.0.3	EPL-2.0
grizzly-http-ajp	org.glassfish.grizzly	5.0.3	EPL-2.0
grizzly-http-server	org.glassfish.grizzly	5.0.3	EPL-2.0
grizzly-http-servlet	org.glassfish.grizzly	5.0.3	EPL-2.0
grizzly-http2	org.glassfish.grizzly	5.0.3	EPL-2.0
grizzly-portunif	org.glassfish.grizzly	5.0.3	EPL-2.0
grizzly-websockets	org.glassfish.grizzly	5.0.3	EPL-2.0
grpc-api	io.grpc	1.84.0	Apache-2.0
grpc-context	io.grpc	1.84.0	Apache-2.0
grpc-core	io.grpc	1.84.0	Apache-2.0
grpc-okhttp	io.grpc	1.84.0	Apache-2.0
grpc-protobuf	io.grpc	1.84.0	Apache-2.0
grpc-protobuf-lite	io.grpc	1.84.0	Apache-2.0
grpc-servlet-jakarta	io.grpc	1.84.0	Apache-2.0
grpc-stub	io.grpc	1.84.0	Apache-2.0
grpc-util	io.grpc	1.84.0	Apache-2.0
gson	com.google.code.gson	2.14.0	Apache-2.0
guava	com.google.guava	33.6.0-android	Apache-2.0

Component	Group ID	Version	License(s)
ha-api	org.glassfish.ha	3.2.0	EPL-2.0, GPL-2.0-with-classpath-exception
hazelcast	com.hazelcast	5.7.0-payara-1	Apache-2.0
hibernate-validator	org.hibernate.validator	9.0.1.Final.payara-p1	Apache-2.0
hibernate-validator-cdi	org.hibernate.validator	9.0.1.Final.payara-p1	Apache-2.0
hk2	org.glassfish.hk2	4.0.3	EPL-2.0, GPL-2.0-with-classpath-exception
hk2-api	org.glassfish.hk2	4.0.3	EPL-2.0, GPL-2.0-with-classpath-exception
hk2-core	org.glassfish.hk2	4.0.3	EPL-2.0, GPL-2.0-with-classpath-exception
hk2-extras	org.glassfish.hk2	4.0.3	EPL-2.0, GPL-2.0-with-classpath-exception
hk2-locator	org.glassfish.hk2	4.0.3	EPL-2.0, GPL-2.0-with-classpath-exception
hk2-metadata-generator	org.glassfish.hk2	4.0.3	EPL-2.0, GPL-2.0-with-classpath-exception
hk2-runlevel	org.glassfish.hk2	4.0.3	EPL-2.0, GPL-2.0-with-classpath-exception
hk2-utils	org.glassfish.hk2	4.0.3	EPL-2.0, GPL-2.0-with-classpath-exception
istack-commons-runtime	com.sun.istack	4.2.0	BSD-3-Clause
j2objc-annotations	com.google.j2objc	3.1	Apache-2.0
jackson-annotations	com.fasterxml.jackson.core	2.22	Apache-2.0

Component	Group ID	Version	License(s)
jackson-core	com.fasterxml.jackson.core	2.22.4	Apache-2.0
jackson-databind	com.fasterxml.jackson.core	2.22.4	Apache-2.0
jackson-dataformat-toml	com.fasterxml.jackson.dataformat	2.22.4	Apache-2.0
jackson-dataformat-yaml	com.fasterxml.jackson.dataformat	2.22.4	Apache-2.0
jackson-module-jakarta-xmlbind-annotations	com.fasterxml.jackson.module	2.22.4	Apache-2.0
jakarta.activation-api	jakarta.activation	2.1.4	BSD-3-Clause
jakarta.annotation-api	jakarta.annotation	3.0.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.authentication-api	jakarta.authentication	3.1.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.authorization-api	jakarta.authorization	3.0.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.batch-api	jakarta.batch	2.1.1	Apache-2.0
jakarta.data-api	jakarta.data	1.0.2	Apache-2.0
jakarta.ejb-api	jakarta.ejb	4.0.1	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.el-api	jakarta.el	6.0.1	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.enterprise.cdi-api	jakarta.enterprise	4.1.0	Apache-2.0
jakarta.enterprise.cdi-el-api	jakarta.enterprise	4.1.0	Apache-2.0
jakarta.enterprise.concurrent-api	jakarta.enterprise.concurrent	3.1.1	EPL-2.0, GPL-2.0-with-classpath-exception

Component	Group ID	Version	License(s)
jakarta.enterprise.deploy-api	jakarta.enterprise.deploy	1.7.2	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.enterprise.lang-model	jakarta.enterprise	4.1.0	Apache-2.0
jakarta.faces	org.glassfish	4.1.18.payara-p1	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.faces-api	jakarta.faces	4.1.2	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.inject-api	jakarta.inject	2.0.1	Apache-2.0
jakarta.interceptor-api	jakarta.interceptor	2.2.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.jakartaee-api	jakarta.platform	11.0.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.jakartaee-core-api	jakarta.platform	11.0.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.jakartaee-web-api	jakarta.platform	11.0.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.jms-api	jakarta.jms	3.1.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.json	org.eclipse.parsson	1.1.7.payara-p1	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.json-api	jakarta.json	2.1.3	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.json.bind-api	jakarta.json.bind	3.0.4	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.jws-api	jakarta.jws	3.0.0	BSD-3-Clause
jakarta.mail-api	jakarta.mail	2.1.5	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause

Component	Group ID	Version	License(s)
jakarta.mvc-api	jakarta.mvc	3.0.1	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.persistence-api	jakarta.persistence	3.2.0	EPL-2.0, BSD-3-Clause
jakarta.resource-api	jakarta.resource	2.1.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.security.enterprise-api	jakarta.security.enterprise	4.0.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.servlet-api	jakarta.servlet	6.1.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.servlet.jsp-api	jakarta.servlet.jsp	4.0.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.servlet.jsp.jstl-api	jakarta.servlet.jsp.jstl	3.0.2	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.transaction-api	jakarta.transaction	2.0.1	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.validation-api	jakarta.validation	3.1.1	Apache-2.0
jakarta.websocket-api	jakarta.websocket	2.2.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.websocket-client-api	jakarta.websocket	2.2.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.ws.rs-api	jakarta.ws.rs	4.0.0	EPL-2.0, GPL-2.0-with-classpath-exception
jakarta.xml.bind-api	jakarta.xml.bind	4.0.5	BSD-3-Clause
jakarta.xml.soap-api	jakarta.xml.soap	3.0.2	BSD-3-Clause
jakarta.xml.ws-api	jakarta.xml.ws	4.0.3	BSD-3-Clause
javassist	org.javassist	3.33.0-GA	MPL-1.1, LGPL-2.1-only, Apache-2.0
jaxb-osgi	com.sun.xml.bind	4.0.9	BSD-3-Clause

Component	Group ID	Version	License(s)
jboss-classfilewriter	org.jboss.classfilewriter	1.3.1.Final	Apache-2.0
jboss-logging	org.jboss.logging	3.6.1.Final	Apache-2.0
jboss-logging	org.jboss.logging	3.6.3.Final	Apache-2.0
jboss-logging-annotations	org.jboss.logging	3.0.4.Final	Apache-2.0
jboss-logging-processor	org.jboss.logging	3.0.4.Final	Apache-2.0
jcl-over-slf4j	org.slf4j	1.7.36	Apache-2.0
jdeparser	org.jboss.jdeparser	2.0.3.Final	Public-Domain
jersey-cdi1x	org.glassfish.jersey.ext.cdi	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-cdi1x-servlet	org.glassfish.jersey.ext.cdi	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-cdi1x-transaction	org.glassfish.jersey.ext.cdi	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-client	org.glassfish.jersey.core	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-common	org.glassfish.jersey.core	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, Apache-2.0, Public-Domain

Component	Group ID	Version	License(s)
jersey-container-servlet	org.glassfish.jersey.containers	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-gf-ejb	org.glassfish.jersey.containers.glassfish	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-hk2	org.glassfish.jersey.inject	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-media-json-binding	org.glassfish.jersey.media	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-media-json-processing	org.glassfish.jersey.media	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-media-sse	org.glassfish.jersey.media	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-mp-rest-client	org.glassfish.jersey.ext.microprofile	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-mvc	org.glassfish.jersey.ext	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405

Component	Group ID	Version	License(s)
jersey-mvc-jsp	org.glassfish.jersey.ext	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-proxy-client	org.glassfish.jersey.ext	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, BSD-3-Clause, BSD-2-Clause, Apache-2.0, Public-Domain, MIT, W3C-19990405
jersey-server	org.glassfish.jersey.core	4.0.2.payara-p2	EPL-2.0, GPL-2.0-with-classpath-exception, Apache-2.0, BSD-3-Clause
jline	org.jline	4.4.8	BSD-4-Clause
jna	net.java.dev.jna	5.19.1	LGPL-2.1-or-later, Apache-2.0
jsftemplating	org.glassfish.jsftemplating	4.2.0	EPL-2.0, GPL-2.0-with-classpath-exception
jsftemplating-dt	org.glassfish.jsftemplating	4.2.0	EPL-2.0, GPL-2.0-with-classpath-exception
json-smart	net.minidev	2.5.2	Apache-2.0
json-smart	net.minidev	2.6.0	Apache-2.0
jspecify	org.jspecify	1.0.0	Apache-2.0
jspecify	org.jspecify	1.0.1	Apache-2.0
jsr305	com.google.code.findbugs	3.0.2	Apache-2.0
kotlin-stdlib	org.jetbrains.kotlin	1.8.0	Apache-2.0
kotlin-stdlib	org.jetbrains.kotlin	2.4.21	Apache-2.0
kotlin-stdlib-common	org.jetbrains.kotlin	1.8.0	Apache-2.0
kotlin-stdlib-jdk7	org.jetbrains.kotlin	1.8.0	Apache-2.0
kotlin-stdlib-jdk8	org.jetbrains.kotlin	1.8.0	Apache-2.0

Component	Group ID	Version	License(s)
krazo-core	org.eclipse.krazo	4.0.1.payara-p1	Apache-2.0
krazo-jersey	org.eclipse.krazo	4.0.1.payara-p1	Apache-2.0
libpam4j	org.kohsuke	1.11	MIT
listenablefuture	com.google.guava	9999.0-empty-to-avoid-conflict-with-guava	Apache-2.0
logging-annotation-processor	org.glassfish.annotations	1.11	EPL-2.0, GPL-2.0-with-classpath-exception
management-api	org.glassfish.external	3.3.0.payara-p1	BSD-3-Clause
microprofile-config-api	org.eclipse.microprofile.config	3.1.3	Apache-2.0
microprofile-fault-tolerance-api	org.eclipse.microprofile.fault-tolerance	4.1.2	Apache-2.0
microprofile-health-api	org.eclipse.microprofile.health	4.0.2	Apache-2.0
microprofile-jwt-auth-api	org.eclipse.microprofile.jwt	2.1	Apache-2.0
microprofile-metrics-api	org.eclipse.microprofile.metrics	5.1.2	Apache-2.0
microprofile-openapi-api	org.eclipse.microprofile.openapi	4.1.1	Apache-2.0
microprofile-rest-client-api	org.eclipse.microprofile.rest.client	4.0	Apache-2.0
mimepull	org.jvnet.mimepull	1.11.0	BSD-3-Clause
net-i2p-crypto-eddsa	com.bloxbean.cardano	0.3.1	CC0-1.0
nimbus-jose-jwt	com.nimbusds	10.10	Apache-2.0
nimbus-jose-jwt	com.nimbusds	10.4.2	Apache-2.0

Component	Group ID	Version	License(s)
okhttp-jvm	com.squareup.okhttp3	5.5.0	Apache-2.0
okio	com.squareup.okio	3.4.0	Apache-2.0
okio-jvm	com.squareup.okio	3.18.1	Apache-2.0
okio-jvm	com.squareup.okio	3.4.0	Apache-2.0
opentelemetry-api	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-api-incubator	io.opentelemetry	1.66.0-alpha	Apache-2.0
opentelemetry-common	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-context	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-exporter-common	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-exporter-logging	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-exporter-otlp	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-exporter-otlp-common	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-exporter-sender-okhttp	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-instrumentation-annotations	io.opentelemetry.instrumentation	2.32.0	Apache-2.0
opentelemetry-instrumentation-annotations-support	io.opentelemetry.instrumentation	2.32.0-alpha	Apache-2.0
opentelemetry-instrumentation-api	io.opentelemetry.instrumentation	2.32.0	Apache-2.0
opentelemetry-sdk	io.opentelemetry	1.66.0	Apache-2.0

Component	Group ID	Version	License(s)
opentelemetry-sdk-common	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-sdk-extension-autoconfigure	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-sdk-extension-autoconfigure-spi	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-sdk-logs	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-sdk-metrics	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-sdk-trace	io.opentelemetry	1.66.0	Apache-2.0
opentelemetry-semconv	io.opentelemetry.semconv	1.44.0	Apache-2.0
opentelemetry-semconv-incubating	io.opentelemetry.semconv	1.44.0-alpha	Apache-2.0
org.eclipse.persistence.asm	org.eclipse.persistence	9.10.0	EPL-2.0, BSD-3-Clause
org.eclipse.persistence.core	org.eclipse.persistence	5.0.1.payara-p3	EPL-2.0, BSD-3-Clause
org.eclipse.persistence.dbws	org.eclipse.persistence	5.0.1.payara-p3	EPL-2.0, BSD-3-Clause
org.eclipse.persistence.jpa	org.eclipse.persistence	5.0.1.payara-p3	EPL-2.0, BSD-3-Clause
org.eclipse.persistence.jpa.jpql	org.eclipse.persistence	5.0.1.payara-p3	EPL-2.0, BSD-3-Clause
org.eclipse.persistence.jpa.modelgen.processor	org.eclipse.persistence	5.0.1.payara-p3	EPL-2.0, BSD-3-Clause
org.eclipse.persistence.json	org.eclipse.persistence	5.0.1.payara-p3	EPL-2.0, BSD-3-Clause

Component	Group ID	Version	License(s)
org.eclipse.persistence.moxy	org.eclipse.persistence	5.0.1.payara-p3	EPL-2.0, BSD-3-Clause
org.eclipse.persistence.oracle	org.eclipse.persistence	5.0.1.payara-p3	EPL-2.0, BSD-3-Clause
osgi-resource-locator	org.glassfish.hk2	3.0.0	EPL-2.0, GPL-2.0-with-classpath-exception
osgi.core	org.osgi	8.0.0	Apache-2.0
parsson	org.eclipse.parsson	1.1.7.payara-p1	EPL-2.0, GPL-2.0-with-classpath-exception
parsson-media	org.eclipse.parsson	1.1.7.payara-p1	EPL-2.0, GPL-2.0-with-classpath-exception
perfmark-api	io.perfmark	0.27.0	Apache-2.0
pfl-basic	org.glassfish.pfl	5.1.1	BSD-3-Clause
pfl-basic-tools	org.glassfish.pfl	5.1.1	BSD-3-Clause
pfl-dynamic	org.glassfish.pfl	5.1.1	BSD-3-Clause
pfl-tf	org.glassfish.pfl	5.1.1	BSD-3-Clause
pfl-tf-tools	org.glassfish.pfl	5.1.1	BSD-3-Clause
protobuf-java	com.google.protobuf	4.36.2	BSD-3-Clause
protobuf-java-util	com.google.protobuf	4.36.2	BSD-3-Clause
reactive-streams	org.reactivestreams	1.0.4	MIT-0
reactor-core	io.projectreactor	3.8.8	Apache-2.0
rmic	org.glassfish.corba	5.0.0.payara-p1	BSD-3-Clause
slf4j-api	org.slf4j	2.0.20	MIT
slf4j-jdk14	org.slf4j	2.0.20	MIT
snakeyaml	org.yaml	2.7	Apache-2.0

Component	Group ID	Version	License(s)
soteria	org.glassfish.soteria	4.0.2	EPL-2.0, GPL-2.0-with-classpath-exception
soteria.spi.bean.decorator.weld	org.glassfish.soteria	4.0.2	EPL-2.0, GPL-2.0-with-classpath-exception
sshd-common	org.apache.sshd	2.20.0	Apache-2.0
sshd-core	org.apache.sshd	2.20.0	Apache-2.0
sshd-scp	org.apache.sshd	2.20.0	Apache-2.0
sshd-sftp	org.apache.sshd	2.20.0	Apache-2.0
tls-sni	org.glassfish.grizzly	5.0.3	EPL-2.0
tyrus-client	org.glassfish.tyrus	2.2.2	EPL-2.0, GPL-2.0-with-classpath-exception
tyrus-container-glassfish-cdi	org.glassfish.tyrus	2.2.2	EPL-2.0, GPL-2.0-with-classpath-exception
tyrus-container-glassfish-ejb	org.glassfish.tyrus	2.2.2	EPL-2.0, GPL-2.0-with-classpath-exception
tyrus-container-grizzly-client	org.glassfish.tyrus	2.2.2	EPL-2.0, GPL-2.0-with-classpath-exception
tyrus-container-servlet	org.glassfish.tyrus	2.2.2	EPL-2.0, GPL-2.0-with-classpath-exception
tyrus-core	org.glassfish.tyrus	2.2.2	EPL-2.0, GPL-2.0-with-classpath-exception
tyrus-server	org.glassfish.tyrus	2.2.2	EPL-2.0, GPL-2.0-with-classpath-exception
tyrus-spi	org.glassfish.tyrus	2.2.2	EPL-2.0, GPL-2.0-with-classpath-exception
wasp	org.glassfish.wasp	4.0.4	EPL-2.0, GPL-2.0-with-classpath-exception
webservices-api-osgi	org.glassfish.metro	4.0.4.payara-p1	BSD-3-Clause

Component	Group ID	Version	License(s)
webservices-extra-jdk-packages	org.glassfish.metro	4.0.4.payara-p1	BSD-3-Clause
weld-api	org.jboss.weld	6.0.Final	Apache-2.0
weld-core-impl	org.jboss.weld	6.0.4.Final	Apache-2.0
weld-ejb	org.jboss.weld.module	6.0.4.Final	Apache-2.0
weld-jsf	org.jboss.weld.module	6.0.4.Final	Apache-2.0
weld-jta	org.jboss.weld.module	6.0.4.Final	Apache-2.0
weld-lite-extension-translator	org.jboss.weld	6.0.4.Final	Apache-2.0
weld-osgi-bundle	org.jboss.weld	6.0.4.Final	Apache-2.0
weld-spi	org.jboss.weld	6.0.Final	Apache-2.0
weld-web	org.jboss.weld.module	6.0.4.Final	Apache-2.0
yasson	org.eclipse	3.0.4	EPL-2.0, BSD-3-Clause

License Texts

Apache-2.0

```
Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and
distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright
owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities
that control, are controlled by, or are under common control with that entity. For
the purposes of this definition, "control" means (i) the power, direct or indirect,
to cause the direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding
shares, or (iii) beneficial ownership of such entity.
```

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice,
with the fields enclosed by brackets "[]" replaced with your own identifying
information. (Don't include the brackets!)  The text should be enclosed in the
appropriate comment syntax for the file format. We also recommend that a file or
class name and description of purpose be included on the same "printed page" as the
copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

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

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

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

BSD-2-Clause

```
Copyright (c) <year> <owner>

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

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

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

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

```
POSSIBILITY OF SUCH DAMAGE.
```

BSD-3-Clause

```
Copyright (c) <year> <owner>.

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

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

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

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

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

BSD-4-Clause

```
Copyright (c) <year> <owner>. All rights reserved.

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

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

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

3. All advertising materials mentioning features or use of this software must
display the following acknowledgement:
This product includes software developed by the organization.

4. 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 COPYRIGHT HOLDER "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 COPYRIGHT HOLDER 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.
```

CC0-1.0

```
Creative Commons Legal Code

CC0 1.0 Universal

    CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE
    LEGAL SERVICES. DISTRIBUTION OF THIS DOCUMENT DOES NOT CREATE AN
    ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS
    INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES
    REGARDING THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS
    PROVIDED HEREUNDER, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM
    THE USE OF THIS DOCUMENT OR THE INFORMATION OR WORKS PROVIDED
    HEREUNDER.

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer
exclusive Copyright and Related Rights (defined below) upon the creator
and subsequent owner(s) (each and all, an "owner") of an original work of
authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for
the purpose of contributing to a commons of creative, cultural and
scientific works ("Commons") that the public can reliably and without fear
of later claims of infringement build upon, modify, incorporate in other
works, reuse and redistribute as freely as possible in any form whatsoever
and for any purposes, including without limitation commercial purposes.
These owners may contribute to the Commons to promote the ideal of a free
culture and the further production of creative, cultural and scientific
works, or to gain reputation or greater distribution for their Work in
part through the use and efforts of others.

For these and/or other purposes and motivations, and without any
expectation of additional consideration or compensation, the person
associating CC0 with a Work (the "Affirmer"), to the extent that he or she
is an owner of Copyright and Related Rights in the Work, voluntarily
elects to apply CC0 to the Work and publicly distribute the Work under its
terms, with knowledge of his or her Copyright and Related Rights in the
Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be
protected by copyright and related or neighboring rights ("Copyright and
Related Rights"). Copyright and Related Rights include, but are not
limited to, the following:

  i. the right to reproduce, adapt, distribute, perform, display,
     communicate, and translate a Work;
 ii. moral rights retained by the original author(s) and/or performer(s);
iii. publicity and privacy rights pertaining to a person's image or
     likeness depicted in a Work;
```

iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;
v. rights protecting the extraction, dissemination, use and reuse of data in a Work;
vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and
vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.
b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non

```
    infringement, or the absence of latent or other defects, accuracy, or
    the present or absence of errors, whether or not discoverable, all to
    the greatest extent permissible under applicable law.
 c. Affirmer disclaims responsibility for clearing rights of other persons
    that may apply to the Work or any use thereof, including without
    limitation any person's Copyright and Related Rights in the Work.
    Further, Affirmer disclaims responsibility for obtaining any necessary
    consents, permissions or other rights required for any use of the
    Work.
 d. Affirmer understands and acknowledges that Creative Commons is not a
    party to this document and has no duty or obligation with respect to
    this CC0 or use of the Work.
```

CDDL-1.0

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

1. Definitions.

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

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

1.3. “Covered Software” means (a) the Original Software, or (b) Modifications, or
(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-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 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.
```

EPL-2.0

```
Eclipse Public License - v 2.0
THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE
("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES
RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS
"Contribution" means:

a) in the case of the initial Contributor, the initial content Distributed under
this Agreement, and
b) in the case of each subsequent Contributor:
i) changes to the Program, and
ii) additions to the Program;
where such changes and/or additions to the Program originate from and are
Distributed by that particular Contributor. A Contribution "originates" from a
Contributor if it was added to the Program by such Contributor itself or anyone
acting on such Contributor's behalf. Contributions do not include changes or
additions to the Program that are not Modified Works.
"Contributor" means any person or entity that Distributes the Program.

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

"Program" means the Contributions Distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement or any
Secondary License (as applicable), including Contributors.

"Derivative Works" shall mean any work, whether in Source Code or other form, that
is based on (or derived from) the Program and for which the editorial revisions,
annotations, elaborations, or other modifications represent, as a whole, an
original work of authorship.

"Modified Works" shall mean any work in Source Code or other form that results from
an addition to, deletion from, or modification of the contents of the Program,
including, for purposes of clarity any new file in Source Code form that contains
any contents of the Program. Modified Works shall not include works that contain
only declarations, interfaces, types, classes, structures, or files of the Program
solely in each case in order to link to, bind by name, or subclass the Program or
Modified Works thereof.

"Distribute" means the acts of a) distributing or b) making available in any manner
that enables the transfer of a copy.

"Source Code" means the form of a Program preferred for making modifications,
including but not limited to software source code, documentation source, and
```

configuration files.

“Secondary License” means either the GNU General Public License, Version 2.0, or any later versions of that license, including any exceptions or additional permissions as identified by the initial Contributor.

2. GRANT OF RIGHTS
a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, Distribute and sublicense the Contribution of such Contributor, if any, and such Derivative Works.
b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in Source Code or other form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.
c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to Distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.
d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.
e) Notwithstanding the terms of any Secondary License, no Contributor makes additional grants to any Recipient (other than those set forth in this Agreement) as a result of such Recipient's receipt of the Program under the terms of a Secondary License (if permitted under the terms of Section 3).
3. REQUIREMENTS
3.1 If a Contributor Distributes the Program in any form, then:

a) the Program must also be made available as Source Code, in accordance with section 3.2, and the Contributor must accompany the Program with a statement that the Source Code for the Program is available under this Agreement, and informs Recipients how to obtain it in a reasonable manner on or through a medium customarily used for software exchange; and
b) the Contributor may Distribute the Program under a license different than this Agreement, provided that such license:
i) effectively disclaims on behalf of all other Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;
ii) effectively excludes on behalf of all other Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
iii) does not attempt to limit or alter the recipients' rights in the Source Code under section 3.2; and
iv) requires any subsequent distribution of the Program by any party to be under a license that satisfies the requirements of this section 3.
3.2 When the Program is Distributed as Source Code:

a) it must be made available under this Agreement, or if the Program (i) is combined with other material in a separate file or files made available under a Secondary License, and (ii) the initial Contributor attached to the Source Code the notice described in Exhibit A of this Agreement, then the Program may be made available under the terms of such Secondary Licenses, and
b) a copy of this Agreement must be included with each copy of the Program.
3.3 Contributors may not remove or alter any copyright, patent, trademark, attribution notices, disclaimers of warranty, or limitations of liability ('notices') contained within the Program from any copy of the Program which they Distribute, provided that Contributors may add their own appropriate notices.

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

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

5. NO WARRANTY
EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, AND TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

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

SUCH DAMAGES.

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

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

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be Distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to Distribute the Program (including its Contributions) under the new version.

Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved. Nothing in this Agreement is intended to be enforceable by any entity that is not a Contributor or Recipient. No third-party beneficiary rights are created under this Agreement.

Exhibit A - Form of Secondary Licenses Notice
“This Source Code may also be made available under the following Secondary Licenses when the conditions for such availability set forth in the Eclipse Public License, v. 2.0 are satisfied: {name license(s), version(s), and exceptions or additional permissions here}.”

Simply including a copy of this Agreement, including this Exhibit A is not sufficient to license the Source Code under Secondary Licenses.

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

You may add additional accurate notices of copyright ownership.

GPL-2.0-with-classpath-exception

```
The GNU General Public License (GPL)

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

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

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., 59 Temple Place, Suite 330, Boston, MA 02111-1307 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.


"CLASSPATH" EXCEPTION TO THE GPL

Certain source files distributed by Oracle America and/or its affiliates are
subject to the following clarification and special exception to the GPL, 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."

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

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



ADDITIONAL INFORMATION ABOUT LICENSING

Certain 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.
```

```
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 and may include FreeType. 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.

Failing to distribute notices associated with some files may also create
unexpected legal consequences.

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.
```

LGPL-2.1-only

```
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.

GNU LESSER GENERAL PUBLIC LICENSE
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!
```

LGPL-2.1-or-later

```
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.

GNU LESSER GENERAL PUBLIC LICENSE
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!
```

MIT

```
MIT License

Copyright (c) <year> <copyright holders>

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

The above copyright notice and this permission notice 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.
```

MIT-0

```
MIT No Attribution

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.

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.
```

MPL-1.1

```
Mozilla Public License Version 1.1

1. Definitions.

     1.0.1. "Commercial Use" means distribution or otherwise making the Covered
Code available to a third party.

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

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

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

     1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted
in the software development community for the electronic transfer of data.
```

1.5. "Executable" means Covered Code in any form other than Source Code.

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

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

1.8. "License" means this document.

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

1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:
Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.
Any new file that contains any part of the Original Code or previous Modifications.

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

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

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

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

2. Source Code License.

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

a. under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and
b. under 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).

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

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

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

a. under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and

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

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

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

3. Distribution Obligations.

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

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

3.3. Description of Modifications. You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code

provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

3.4. Intellectual Property Matters

(a) Third Party Claims

If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

(b) Contributor APIs

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

(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, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. 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 declatory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:

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

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

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

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

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

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

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

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

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

Exhibit A - Mozilla Public License.

"The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.mozilla.org/MPL/

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is _____.

The Initial Developer of the Original Code is _____.
Portions created by _____ are Copyright (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.
```

Public-Domain

```
PUBLIC DOMAIN

Components listed with this entry have been dedicated to the public domain by their
authors, or are available
under a public domain dedication such as CC0 1.0 Universal. Public domain is not a
license: no license conditions
apply to the use, copying, modification or distribution of such a component.
```

W3C-19990405

```
W3C DOCUMENT NOTICE AND LICENSE

Copyright (c) 1994-2002 World Wide Web Consortium, (Massachusetts Institute of
Technology, Institut National de
Recherche en Informatique et en Automatique, Keio University). All Rights Reserved.
http://www.w3.org/Consortium/Legal/

Public documents on the W3C site are provided by the copyright holders under the
following license. The software
or Document Type Definitions (DTDs) associated with W3C specifications are governed
by the Software Notice. By
using and/or copying this document, or the W3C document from which this statement
is linked, you (the licensee)
agree that you have read, understood, and will comply with the following terms and
conditions:

Permission to use, copy, and distribute the contents of this document, or the W3C
document from which this
statement is linked, in any medium for any purpose and without fee or royalty is
hereby granted, provided that you
include the following on ALL copies of the document, or portions thereof, that you
use:

  1. A link or URL to the original W3C document.
  2. The pre-existing copyright notice of the original author, or if it doesn't
exist, a notice of the form:
     "Copyright (c) [$date-of-document] World Wide Web Consortium, (Massachusetts
Institute of Technology,
     Institut National de Recherche en Informatique et en Automatique, Keio
University). All Rights Reserved.
     http://www.w3.org/Consortium/Legal/" (Hypertext is preferred, but a textual
representation is permitted.)
```

3. If it exists, the STATUS of the W3C document.

When space permits, inclusion of the full text of this NOTICE should be provided. We request that authorship
attribution be provided in any software, documents, or other items or products that you create pursuant to the
implementation of the contents of this document, or any portion thereof.

No right to create modifications or derivatives of W3C documents is granted pursuant to this license. However, if
additional requirements (documented in the Copyright FAQ) are satisfied, the right to create modifications or
derivatives is sometimes granted by the W3C to individuals complying with those requirements.

THIS DOCUMENT IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED,
INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT,
OR TITLE; THAT THE CONTENTS OF THE DOCUMENT ARE SUITABLE FOR ANY PURPOSE; NOR THAT THE IMPLEMENTATION OF SUCH
CONTENTS WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY
USE OF THE DOCUMENT OR THE PERFORMANCE OR IMPLEMENTATION OF THE CONTENTS THEREOF.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to this
document or its contents without specific, written prior permission. Title to copyright in this document will at
all times remain with copyright holders.

This formulation of W3C's notice and license became active on April 05 1999.
Source: https://www.w3.org/Consortium/Legal/copyright-documents-19990405