

## IP360 VNE 9.2.1 - Use of Third-Party Libraries

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Name	License Type
ghostscript 9.25 (AGPL-3.0)	AGPL-3.0
antlr 2.7.7 (ANTLR 2 Public Domain License)	ANTLR-PD
commons-el 1.0 (Apache 1.1)	Apache-1.1
commons-logging 1.0.3 (Apache v1.1)	Apache-1.1
oro 2.0.8 (Apache 1.1)	Apache-1.1
sitemesh 2.4 (Apache 1.1)	Apache-1.1
activemq-broker 5.15.12 (Apache-2.0)	Apache-2.0
activemq-broker 5.15.14 (Apache-2.0)	Apache-2.0
activemq-broker 5.16.0 (Apache-2.0)	Apache-2.0
activemq-camel 5.15.14 (Apache-2.0)	Apache-2.0
activemq-client 5.15.12 (Apache-2.0)	Apache-2.0
activemq-client 5.15.14 (Apache-2.0)	Apache-2.0
activemq-core 5.6.0 (Apache-2.0)	Apache-2.0
activemq-jms-pool 5.15.14 (Apache-2.0)	Apache-2.0
activemq-kahadb-store 5.15.14 (Apache-2.0)	Apache-2.0
activemq-openwire-legacy 5.15.12 (Apache-2.0)	Apache-2.0
activemq-openwire-legacy 5.15.14 (Apache-2.0)	Apache-2.0
activemq-openwire-legacy 5.16.0 (Apache-2.0)	Apache-2.0
activemq-pool 5.15.14 (Apache-2.0)	Apache-2.0
activemq-protobuf 1.1 (Apache-2.0)	Apache-2.0
activemq-spring 5.15.14 (Apache-2.0)	Apache-2.0
activemq-stomp 5.15.14 (Apache-2.0)	Apache-2.0
apr 1.6.2 (Apache-2.0)	Apache-2.0
apr-util 1.6.0 (Apache-2.0)	Apache-2.0
awaitility 1.7.0 (Apache-2.0)	Apache-2.0
bcrypt 3.1.4 (Apache-2.0)	Apache-2.0
bsh 2.0b6 (Apache v2.0)	Apache-2.0

Name	License Type
cache 1.0.1 (Apache v2.0)	Apache-2.0
camel-core 2.19.5 (Apache-2.0)	Apache-2.0
camel-core 2.25.2 (Apache-2.0)	Apache-2.0
camel-jms 2.19.5 (Apache-2.0)	Apache-2.0
camel-jms 2.25.2 (Apache-2.0)	Apache-2.0
camel-spring 2.25.2 (Apache-2.0)	Apache-2.0
cas-client-core 3.2.1 (Apache v2.0)	Apache-2.0
cglib 2.2 (Apache 2.0)	Apache-2.0
cglib 2.2.1-v20090111 (Apache-2.0)	Apache-2.0
cglib-nodep 3.1 (Apache-2.0)	Apache-2.0
commons-beanutils 1.8.3 (Apache 2.0)	Apache-2.0
commons-codec 1.6 (Apache 2.0)	Apache-2.0
commons-collections 3.2.1 (Apache 2.0)	Apache-2.0
commons-dbcp 1.4 (Apache 2.0)	Apache-2.0
commons-fileupload 1.2.2 (Apache 2.0)	Apache-2.0
commons-io 2.1 (Apache 2.0)	Apache-2.0
commons-io 2.5 (Apache-2.0)	Apache-2.0
commons-logging 1.1.1 (Apache-2.0)	Apache-2.0
commons-net 3.7.2 (Apache-2.0)	Apache-2.0
commons-pool 1.5.6 (Apache 2.0)	Apache-2.0
commons-pool 1.6 (Apache 2.0)	Apache-2.0
commons-pool2 2.9.0 (Apache-2.0)	Apache-2.0
commons-validator 1.3.1 (Apache 2.0)	Apache-2.0
concurrentlinkedhashmap-lru 1.3.1 (Apache 2.0)	Apache-2.0
containerd 1.3.7 (Apache-2.0)	Apache-2.0
cryptography 2.6.1 (Apache-2.0)	Apache-2.0
database-migration 1.3.8 (Apache v2.0)	Apache-2.0
djangosaml2 0.17.2 (Apache-2.0)	Apache-2.0
docker-docker-ce 19.03.13 (Apache-2.0)	Apache-2.0
docker-docker-ce-cli 19.03.13 (Apache-2.0)	Apache-2.0

Name	License Type
ehcache-core 2.4.6 (Apache 2.0)	Apache-2.0
equalsverifier 1.7.5 (Apache-2.0)	Apache-2.0
failureaccess 1.0.1 (Apache-2.0)	Apache-2.0
geronimo-j2ee-management_1.1_spec 1.0.1 (Apache-2.0)	Apache-2.0
geronimo-jms_1.1_spec 1.1.1 (Apache-2.0)	Apache-2.0
geronimo-jms_2.0_spec 1.0-alpha-2 (Apache-2.0)	Apache-2.0
geronimo-jta_1.1_spec 1.1.1 (Apache-2.0)	Apache-2.0
gpars 1.2.1 (Apache v2.0)	Apache-2.0
grails-bootstrap 2.2.1 (Apache 2.0)	Apache-2.0
grails-core 2.2.1 (Apache v2.0)	Apache-2.0
grails-crud 2.2.1 (Apache 2.0)	Apache-2.0
grails-datastore-core 1.1.5.RELEASE (Apache 2.0)	Apache-2.0
grails-datastore-gorm 1.1.5.RELEASE (Apache v2.0)	Apache-2.0
grails-datastore-simple 1.1.5.RELEASE (Apache 2.0)	Apache-2.0
grails-hibernate 2.2.1 (Apache 2.0)	Apache-2.0
grails-logging 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-codecs 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-controllers 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-converters 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-datasource 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-domain-class 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-filters 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-gsp 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-i18n 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-log4j 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-mimetypes 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-scaffolding 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-services 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-servlets 2.2.1 (Apache 2.0)	Apache-2.0
grails-plugin-url-mappings 2.2.1 (Apache 2.0)	Apache-2.0

Name	License Type
grails-plugin-validation 2.2.1 (Apache 2.0)	Apache-2.0
grails-resources 2.2.1 (Apache 2.0)	Apache-2.0
grails-spring 2.2.1 (Apache 2.0)	Apache-2.0
grails-web 2.2.1 (Apache 2.0)	Apache-2.0
groovy-all 2.0.7 (Apache 2.0)	Apache-2.0
guava 13.0.1 (Apache-2.0)	Apache-2.0
guava 18.0 (Apache-2.0)	Apache-2.0
guava-retrying 2.0.0 (Apache v2.0)	Apache-2.0
guice 3.0 (Apache 2.0)	Apache-2.0
guice 4.0 (Apache v2.0)	Apache-2.0
guice-assistedinject 4.0 (Apache v2.0)	Apache-2.0
guice-multibindings 4.0 (Apache v2.0)	Apache-2.0
guice-servlet 4.0 (Apache v2.0)	Apache-2.0
guice-throwingproviders 4.0 (Apache v2.0)	Apache-2.0
hamcrest-all 1.1 (Apache-2.0)	Apache-2.0
hawtbuf 1.11 (Apache-2.0)	Apache-2.0
hibernate 2.2.1 (Apache-2.0)	Apache-2.0
hibernate-validator 4.1.0 (Apache-2.0)	Apache-2.0
ipaddr 2.1.11 (Apache-2.0)	Apache-2.0
jackson-databind 2.9.10.4 (Apache-2.0)	Apache-2.0
javassist 3.16.1-GA (Apache 2.0)	Apache-2.0
javax.inject 1 (Apache 2.0)	Apache-2.0
jcommander 1.72 (Apache v2.0)	Apache-2.0
jetty-runner 9.1.0 (Apache-2.0)	Apache-2.0
jmx 0.8 (Apache v2.0)	Apache-2.0
joda-time 2.1 (Apache-2.0)	Apache-2.0
jsonrpc-lib 0.1.7 (Apache-2.0)	Apache-2.0
jstl 1.1.2 (Apache v2.0)	Apache-2.0
kahaDB 5.6.0 (Apache 2.0)	Apache-2.0
liquibase-core 2.0.5 (Apache v2.0)	Apache-2.0

Name	License Type
log4cplus 1.1.2 (Apache-2.0)	Apache-2.0
log4j 1.2.16 (Apache 2.0)	Apache-2.0
mapdb 1.0.8 (Apache-2.0)	Apache-2.0
mod_wsgi 4.6.4 (Apache-2.0)	Apache-2.0
msabramo-requests-unixsocket (Apache-2.0)	Apache-2.0
multiverse-core 0.7.0 (Apache v2.0)	Apache-2.0
objenesis 2.1 (Apache-2.0)	Apache-2.0
pbr 1.8.0 (Apache v2.0)	Apache-2.0
pyNaCl 1.3.0 (Apache-2.0)	Apache-2.0
pyOpenSSL 16.2.0 (Apache-2.0)	Apache-2.0
pysaml2 4.6.2 (Apache-2.0)	Apache-2.0
pysaml2 5.0.0 (Apache-2.0)	Apache-2.0
python-requests 2.6.0 (Apache-2.0)	Apache-2.0
quartz 1.6.1 (Apache v2.0)	Apache-2.0
requests 2.12.3 (Apache-2.0)	Apache-2.0
resources 1.1.6 (Apache v2.0)	Apache-2.0
rsa 3.4.2 (Apache-2.0)	Apache-2.0
rsyslog 5.8.10 (Apache-2.0)	Apache-2.0
shiro 1.1.4 (Apache v2.0)	Apache-2.0
shiro-cas 1.2.0 (Apache 2.0)	Apache-2.0
shiro-core 1.2.0 (Apache 2.0)	Apache-2.0
shiro-ehcache 1.2.0 (Apache 2.0)	Apache-2.0
shiro-quartz 1.2.0 (Apache 2.0)	Apache-2.0
shiro-spring 1.2.0 (Apache 2.0)	Apache-2.0
shiro-web 1.2.1 (Apache 2.0)	Apache-2.0
spring-aop 3.0.6.RELEASE (Apache v2.0)	Apache-2.0
spring-aop 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-aop 5.3.3 (Apache-2.0)	Apache-2.0
spring-asm 3.0.6.RELEASE	Apache-2.0
spring-asm 3.1.4.RELEASE (Apache 2.0)	Apache-2.0

Name	License Type
spring-aspects 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-beans 3.0.6.RELEASE (Apache v2.0)	Apache-2.0
spring-beans 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-beans 5.3.3 (Apache-2.0)	Apache-2.0
spring-context 3.0.6.RELEASE (Apache v2.0)	Apache-2.0
spring-context 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-context 5.3.3 (Apache-2.0)	Apache-2.0
spring-context-support 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-core 3.0.6.RELEASE (Apache v2.0)	Apache-2.0
spring-core 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-core 5.3.3 (Apache-2.0)	Apache-2.0
spring-expression 3.0.6.RELEASE (Apache v2.0)	Apache-2.0
spring-expression 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-expression 5.3.3 (Apache-2.0)	Apache-2.0
spring-jdbc 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-jms 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-jms 5.3.3 (Apache-2.0)	Apache-2.0
spring-messaging 5.3.3 (Apache-2.0)	Apache-2.0
spring-orm 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-test 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-tx 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-tx 5.3.3 (Apache-2.0)	Apache-2.0
spring-web 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
spring-webmvc 3.1.4.RELEASE (Apache 2.0)	Apache-2.0
stompest 2.3.0 (Apache-2.0)	Apache-2.0
teamcity 1.0.3 (Apache v2.0)	Apache-2.0
testng 6.8.21 (Apache-2.0)	Apache-2.0
usertype.joda-time 1.9 (Apache 2.0)	Apache-2.0
usertype.spi 1.9 (Apache 2.0)	Apache-2.0
validation-api 1.0.0 (Apache-2.0)	Apache-2.0

Name	License Type
webxml 1.4.1 (Apache v2.0)	Apache-2.0
xbean-spring 4.18 (Apache-2.0)	Apache-2.0
xerces-c 3.1.1 (Apache-2.0)	Apache-2.0
perl-libs 5.10.1 (Artistic License)	Artistic License
perl-Module-Pluggable 3.90 (Artistic License)	Artistic License
perl-Pod-Escapes 1.04 (Artistic License)	Artistic License
perl-Pod-Simple 3.13 (Artistic License)	Artistic License
perl-version 0.77 (Artistic License)	Artistic License
perl 5.10.1 (Perl Artistic License)	Artistic-1.0-Perl
hamcrest-integration 1.3 (BSD)	BSD Style/Attribution
protobuf-java 2.6.1 (BSD)	BSD Style/Attribution
redhat-logos 60.0.14 (BSD)	BSD Style/Attribution
xpp3_min 1.1.4c (BSD)	BSD Style/Attribution
nginx 1.16.1 (BSD-2-Clause)	BSD-2-Clause
nginx-all-modules 1.16.1 (BSD-2-Clause)	BSD-2-Clause
nginx-filesystem 1.16.1 (BSD-2-Clause)	BSD-2-Clause
nginx-mod-http-image-filter 1.16.1 (BSD-2-Clause)	BSD-2-Clause
nginx-mod-http-perl 1.16.1 (BSD-2-Clause)	BSD-2-Clause
nginx-mod-http-xslt-filter 1.16.1 (BSD-2-Clause)	BSD-2-Clause
nginx-mod-mail 1.16.1 (BSD-2-Clause)	BSD-2-Clause
nginx-mod-stream 1.16.1 (BSD-2-Clause)	BSD-2-Clause
openjpeg2-2.3.1(BSD-2-Clause-FreeBSD)	BSD-2-Clause-FreeBSD
adobe-type-tools-cmap-resources-20171205(BSD-3-Clause)	BSD-3-Clause
adobe-type-tools-cmap-resources-deprecated 20171205(BSD-3-Clause)	BSD-3-Clause
adobe-type-tools-mapping-resources-pdf-20180407(BSD-3-Clause)	BSD-3-Clause
asm 3.1 (BSD-3)	BSD-3-Clause
decorator 4.0.11 (BSD)	BSD-3-Clause
hamcrest-core 1.2.1 (BSD-3-Clause)	BSD-3-Clause
hamcrest-core 1.3 (BSD-3-Clause)	BSD-3-Clause

Name	License Type
hamcrest-date 1.1.0 (BSD-3-Clause)	BSD-3-Clause
libpqxx 4.0.1 (BSD-3-Clause)	BSD-3-Clause
lxml 4.5.2 (BSD-3-Clause)	BSD-3-Clause
netaddr 0.7.19 (BSD)	BSD-3-Clause
protobuf 3.1.0 (BSD)	BSD-3-Clause
protobuf-java 2.3.0 (BSD-3)	BSD-3-Clause
protobuf-java 2.4.1 (BSD-3)	BSD-3-Clause
pyasn1 0.2.2 (BSD)	BSD-3-Clause
pycparser 2.17 (BSD)	BSD-3-Clause
python-psutils 3.1.1 (BSD)	BSD-3-Clause
sudo 1.9.5 (BSD-3-Clause)	BSD-3-Clause
uritemplate 3.0.0 (BSD)	BSD-3-Clause
JSR305 2.0.2 (BSD-3)	BSD-3-Clause-Clear
bzip2 1.0.5 (BSD)	BSD-Style License
bzip2-libs 1.0.5 (bzip2 License)	BSD-Style License
click 6.7 (BSD)	BSD-Style License
coreapi 2.3.3 (BSD)	BSD-Style License
coreschema 0.0.4 (BSD)	BSD-Style License
cyrus-sasl-lib 2.1.23 (BSD)	BSD-Style License
django 1.11.20 (Apache v2.0)	BSD-Style License
django-filter 1.1.0 (BSD)	BSD-Style License
djangorestframework 3.7.7 (BSD)	BSD-Style License
drf-yasg 1.16.0 (BSD)	BSD-Style License
enum34 1.1.6 (BSD)	BSD-Style License
file 5.04 (BSD)	BSD-Style License
file-libs 5.04 (BSD)	BSD-Style License
idna 2.2 (BSD)	BSD-Style License
Intel_Processor_Microcode-20180807a(BSD)	BSD-Style License
itypes 1.1.0 (BSD)	BSD-Style License
jinja2 2.10.1 (BSD)	BSD-Style License



Name	License Type
jinja2 2.6 (BSD)	BSD-Style License
libcap 2.16 (BSD)	BSD-Style License
libffi 3.0.5 (BSD)	BSD-Style License
libssh2 1.4.2 (BSD)	BSD-Style License
libuuid 2.17.2 (BSD)	BSD-Style License
lxml 3.7.3 (BSD)	BSD-Style License
M2Crypto 0.25.1 (BSD)	BSD-Style License
markupsafe 1.0 (BSD)	BSD-Style License
net-snmp 5.7.2 (BSD)	BSD-Style License
net-snmp-agent-libs 5.7.2 (BSD)	BSD-Style License
net-snmp-utils 5.7.2 (BSD)	BSD-Style License
olefile 0.44 (BSD)	BSD-Style License
openapi-codec 1.3.2 (BSD)	BSD-Style License
openssh 7.4p1 (OpenSSH License)	BSD-Style License
p11-kit 0.18.5 (BSD)	BSD-Style License
p11-kit-trust 0.18.5 (BSD)	BSD-Style License
pam 1.1.1 (BSD)	BSD-Style License
pcre 7.8 (BSD)	BSD-Style License
php-7.3.19(BSD)	BSD-Style License
PostgreSQL JDBC Driver 9.2-1003-jdbc4 (BSD)	BSD-Style License
psutil 5.0.1 (BSD)	BSD-Style License
psutil-5.7.2(BSD)	BSD-Style License
pyrpm 0.3 (BSD)	BSD-Style License
python-reportlab 2.6 (BSD)	BSD-Style License
python-rfoo 1.3.0 (BSD)	BSD-Style License
shadow-utils 4.1.5.1 (BSD)	BSD-Style License
sphinx 1.1.2 (BSD)	BSD-Style License
sqlparse 0.2.4 (BSD)	BSD-Style License
tcp_wrappers-libs 7.6 (BSD)	BSD-Style License
telnet 0.17 (BSD)	BSD-Style License

Name	License Type
unzip 6.0 (BSD)	BSD-Style License
ustr 1.0.4 (BSD)	BSD-Style License
zip 3.0 (BSD)	BSD-Style License
boost 1.66.0 (BSL-1.0)	BSL-1.0
bzip2 1.0.6 (bzip2 License)	bzip2 License
jta 1.1 (CDDL-1.0)	CDDL-1.0
junit 4.11 (CPL 1.0)	CPL-1.0
jsr166y 1.7.0 (Public Domain)	Creative Commons CC0 1.0 Universal Public Domain Dedication
dom4j 1.6.1 (DOM4J License)	dom4j License
aspectJrt 1.6.10 (EPL 1.0)	EPL-1.0
aspectJweaver 1.6.10 (EPL 1.0)	EPL-1.0
h2 1.3.164 (EPL 1.0)	EPL-1.0
hibernate-jpa-2.0-api 1.0.1 (EPL v1.0)	EPL-1.0
logback-classic 1.2.3 (EPL-1.0)	EPL-1.0
logback-core 1.2.3 (EPL-1.0)	EPL-1.0
waffle-jna 1.6 (EPL-1.0)	EPL-1.0
waffle-shiro 1.6 (EPL-1.0)	EPL-1.0
java-1.7.0-openjdk-1.7.0.251(GNU General Public License v2.0 with Classpath Exception (Oracle))	GNU General Public License v2.0 with Classpath Exception (Oracle)
java-1.7.0-openjdk-devel-1.7.0.251(GNU General Public License v2.0 with Classpath Exception (Oracle))	GNU General Public License v2.0 with Classpath Exception (Oracle)
java-1.7.0-openjdk-headless-1.7.0.251(GNU General Public License v2.0 with Classpath Exception (Oracle))	GNU General Public License v2.0 with Classpath Exception (Oracle)
acl 2.2.49 (GPL-2.0)	GPL-2.0
alsa-firmware 1.0.28 (GNU GPL-2.0)	GPL-2.0
chkconfig 1.3.49.5 (GPL-2.0)	GPL-2.0
cryptsetup 2.0.3 (GNU GPL-2.0)	GPL-2.0
e2fsprogs 1.41.12 (GPL-2.0)	GPL-2.0
e2fsprogs-libs 1.41.12 (GPL-2.0 w/exceptions)	GPL-2.0
ethtool 3.5 (GPL-2.0)	GPL-2.0

Name	License Type
groff 1.18.1.4 (GPL v2.0)	GPL-2.0
initscripts 9.03.61 (GPL-2.0)	GPL-2.0
iproute2 3.19.0 (GPL-2.0)	GPL-2.0
libnih 1.0.1 (GPL v2.0)	GPL-2.0
logrotate 3.7.8 (GPL-2)	GPL-2.0
MAKEDEV 3.24 (GPL v2.0)	GPL-2.0
maxmind-geoipupdate-2.5(GPL-2.0)	GPL-2.0
net-tools 1.60 (GPL-2)	GPL-2.0
ntlmmaps 1.0.962.bcentos6 (GPL-2.0)	GPL-2.0
redhat-rpm-config 9.0.3 (GPL v2.0)	GPL-2.0
rpmrebuild 2.11 (GNU GPL-2.0)	GPL-2.0
sshpas 1.06 (GNU GPL-2.0)	GPL-2.0
udev 147 (GPL-2.0)	GPL-2.0
upstart 0.6.5 (GPL-2.0)	GPL-2.0
util-linux-ng 2.17.2 (GPL-2.0)	GPL-2.0
yum-metadata-parser 1.1.2 (GPL v2.0)	GPL-2.0
cryptsetup-reencrypt-2.0.3(GPL-2.0+)	GPL-2.0+
dbus-libs 1.2.24 (GPL-2.0+)	GPL-2.0+
diffutils 2.8.1 (GPL v2.0+)	GPL-2.0+
gdbm 1.8.0 (GPL-2.0+)	GPL-2.0+
gzip 1.3.12 (GPL v2.0)	GPL-2.0+
hwdata 0.233 (GPL-2.0+)	GPL-2.0+
iputils 20071127 (GPL-2.0)	GPL-2.0+
make 3.81 (GPL-2.0+)	GPL-2.0+
mdadm 3.3.4 (GPL-2.0+)	GPL-2.0+
mingetty 1.08 (GPL v2.0+)	GPL-2.0+
module-init-tools 3.9 (GPL-2.0+)	GPL-2.0+
patch 2.6 (GPL v2.0+)	GPL-2.0+
pinentry 0.7.6 (GPL-2.0+)	GPL-2.0+
pkgconfig 0.23 (GPL v2.0+)	GPL-2.0+

Name	License Type
plymouth 0.8.3 (GPL v2.0+)	GPL-2.0+
plymouth-core-libs 0.8.3 (GPL v2.0+)	GPL-2.0+
plymouth-scripts 0.8.3 (GPL v2.0+)	GPL-2.0+
psmisc 22.6 (GPL v2.0+)	GPL-2.0+
rpm 4.8.0 (GPL-2.0+)	GPL-2.0+
rpm-build 4.8.0 (GPL-2.0+)	GPL-2.0+
rpm-python 4.8.0 (GPL-2.0+)	GPL-2.0+
sed 4.2.1 (GPL v2.0+)	GPL-2.0+
shared-mime-info 0.70 (GPL v2.0+)	GPL-2.0+
sysvinit-tools 2.87 (GPL-2.0+)	GPL-2.0+
yum 3.2.29 (GPL-2.0+)	GPL-2.0+
yum-plugin-fastestmirror 1.1.30 (GPL-2.0+)	GPL-2.0+
samba 4.7.5 (GPL v3.0)	GPL-3.0
libgcc 4.4.7 (LGPL-2.1)	GPL-3.0-with-GCC-exception
bash 4.1.2 (GPL-3.0+)	GPL-3.0+
bash 4.2.46 (GPL-3.0+)	GPL-3.0+
binutils 2.20.51.0.2 (GPL-3.0+)	GPL-3.0+
coreutils 8.4 (GPL-3.0)	GPL-3.0+
coreutils-libs 8.4 (GPL-3.0)	GPL-3.0+
cpio 2.10 (GPL v3.0+)	GPL-3.0+
findutils 4.4.2 (GPL-3.0+)	GPL-3.0+
gawk 3.1.7 (GPL-3.0+)	GPL-3.0+
gnupg2 2.0.14 (GPL v3.0+)	GPL-3.0+
grep 2.20 (GPL-3.0+)	GPL-3.0+
info 4.13a (GPL v3.0+)	GPL-3.0+
less 436 (GPL v3.0)	GPL-3.0+
libstdc++ 4.4.7 (LGPL-3)	GPL-3.0+
m4 1.4.13 (GPL v3.0+)	GPL-3.0+
readline 6.0 (GPL v3.0+)	GPL-3.0+
rsyslog-gnutls 5.8.10 (GPL-3)	GPL-3.0+

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tar 1.23 (GPL-3.0+)	GPL-3.0+
icu4c 57.1.0 (ICU License)	ICU
rimraf 2.7.1 (ISC License)	ISC
semver 5.7.1 (ISC License (ISC))	ISC
sudo 1.8.6p3 (ISC License (ISC))	ISC
jasper-libs 1.900.1 (JasPer)	JasPer-2.0
bc-fips 3.0.1 (Legion Of The Bouncy Castle License)	Legion Of The Bouncy Castle License
bcpkix-jdk15on 1.53 (Legion Of The Bouncy Castle License)	Legion Of The Bouncy Castle License
Bouncy Castle Crypto 1.45 (Legion of the Bouncy Castle License)	Legion Of The Bouncy Castle License
bouncycastle-crypto 1.0.2 (Legion Of The Bouncy Castle License)	Legion Of The Bouncy Castle License
alsa-lib 1.1.8 (LGPL-2.0)	LGPL-2.0
atk 2.28.1 (LGPL-2.0)	LGPL-2.0
gamin 0.1.10 (LGPL v2.0)	LGPL-2.0
gconf2 3.2.6 (LGPL-2.0)	LGPL-2.0
libnl 1.1.4 (LGPL v2.0)	LGPL-2.0
libutempter 1.1.5 (LGPL v2.0)	LGPL-2.0
audit-libs 2.4.5 (LGPL-2.0+)	LGPL-2.0+
augeas 1.0.0 (LGPL-2.0+)	LGPL-2.0+
augeas-libs 1.0.0 (LGPL-2.0)	LGPL-2.0+
gdb 7.6.1 (LGPL-2.0)	LGPL-2.0+
glib2 2.28.8 (LGPL-2.0+)	LGPL-2.0+
glibc 2.12 (LGPL-2.0)	LGPL-2.0+
glibc-common 2.12 (LGPL-2)	LGPL-2.0+
gnutls 2.12.23 (LGPL-2.0)	LGPL-2.0+
gpgme 1.1.8 (LGPL v2.0+)	LGPL-2.0+
keyutils-libs 1.4 (LGPL v2.0+)	LGPL-2.0+
libacl 2.2.49 (LGPL v2.0+)	LGPL-2.0+
libasyncns 0.8 (LGPL v2.0+)	LGPL-2.0+
libattr 2.4.44 (LGPL v2.0+)	LGPL-2.0+

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libblkid 2.17.2 (LGPL-2.0+)	LGPL-2.0+
libgcrypt 1.4.5 (LGPL-2.0+)	LGPL-2.0+
libgpg-error 1.7 (LGPL v2.0+)	LGPL-2.0+
libidn 1.18 (LGPL v2.0)	LGPL-2.0+
libsemanage 2.0.43 (LGPL-2.0+)	LGPL-2.0+
libsepol 2.0.41 (LGPL v2.0+)	LGPL-2.0+
libtasn1 2.3 (LGPL v2.0+)	LGPL-2.0+
libusb 0.1.12 (LGPL v2.0+)	LGPL-2.0+
procps 3.2.8 (LGPL-2.0+)	LGPL-2.0+
pth 2.0.7 (LGPL v2.0+)	LGPL-2.0+
pygpgme 0.1 (LGPL v2.0+)	LGPL-2.0+
python-urlgrabber 3.9.1 (LGPL-2.0+)	LGPL-2.0+
xz 4.999.9 (LGPL v2.0+)	LGPL-2.0+
xz-libs 4.999.9 (LGPL v2.0+)	LGPL-2.0+
xz-lzma-compatible 4.999.9 (LGPL v2.0+)	LGPL-2.0+
geoip 1.5.0 (LGPL-2.1)	LGPL-2.1
hibernate-commons-annotations 3.2.0.Final (LGPL v2.1)	LGPL-2.1
hibernate-core 3.6.10 (LGPL v2.1)	LGPL-2.1
hibernate-ehcache 3.6.10 (LGPL v2.1)	LGPL-2.1
jna 3.5.0 (LGPL v2.1)	LGPL-2.1
paramiko 2.4.2 (LGPL-2.1)	LGPL-2.1
platform 3.5.0 (LGPL 2.1)	LGPL-2.1
python-chardet 2.2.1 (LGPL-2.1)	LGPL-2.1
rpm-libs 4.8.0 (LGPL-2.1)	LGPL-2.1
cracklib 2.8.16 (LGPL v2.1+)	LGPL-2.1+
cracklib-dicts 2.8.16 (LGPL v2.1+)	LGPL-2.1+
libgomp 4.4.7 (LGPL-3.0)	LGPL-3.0
utils 0.9.0 (LGPL-3.0)	LGPL-3.0
elfutils 0.164 (LGPL-3)	LGPL-3.0+
elfutils-libelf 0.164 (LGPLv3)	LGPL-3.0+

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elfutils-libs 0.164 (LGPLv3)	LGPL-3.0+
gmp 4.3.1 (LGPLv3+)	LGPL-3.0+
psycopg2 2.6.2 (LGPL-3.0)	LGPL-3.0+
ajv 6.10.2 (MIT)	MIT
angular 1.7.5 (MIT)	MIT
angular-animate 1.7.5 (MIT)	MIT
angular-bootstrap 2.5.0 (MIT)	MIT
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libXrender 0.9.10 (MIT)	MIT
ncurses 5.7 (MIT)	MIT
ncurses-base 5.7 (MIT)	MIT

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setuptools 40.0.0 (MIT)	MIT
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slf4j-api 1.7.2 (MIT)	MIT
slf4j-api 1.7.22 (MIT)	MIT
slf4j-api 1.7.25 (MIT)	MIT
slf4j-api 1.7.26 (MIT)	MIT
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WebOb 1.7.2 (MIT)	MIT-Style License
cairo 1.15.12 (MPL-1.1)	MPL-1.1
bind-libs 9.11.4 (MPL-2.0)	MPL-2.0
bind-utils 9.11.4 (MPL-2.0)	MPL-2.0
nspr 4.19.0 (MPLv2.0)	MPL-2.0
nss 3.36.0 (MPLv2.0)	MPL-2.0
nss-softokn 3.14.3 (MPLv2.0)	MPL-2.0
nss-softokn-freebl 3.14.3 (MPLv2.0)	MPL-2.0
nss-sysinit 3.36.0 (MPLv2.0)	MPL-2.0
nss-tools 3.36.0 (MPLv2.0)	MPL-2.0
nss-util 3.36.0 (MPLv2.0)	MPL-2.0
openldap 2.4.40 (OpenLDAP)	OLDAP-2.5
openldap 2.4.44 (OpenLDAP)	OLDAP-2.8
openssl 1.0.1e (OpenSSL)	OpenSSL
openssl 1.0.2s (OpenSSL)	OpenSSL
openssl fips-2.0.16 (OpenSSL License)	OpenSSL
openssl fips-2.0.5 (OpenSSL License)	OpenSSL
openssl098e 0.9.8e (OpenSSL)	OpenSSL
nmap 6.40.tw1.bcentos6 (Commercial NMAP License)	Other/Commercial

Name	License Type
wrapper 3.5.25 (Other/Commercial)	Other/Commercial
postgresql 9.2.24 (PostgreSQL)	PostgreSQL
postgresql-libs 9.2.24 (PostgreSQL)	PostgreSQL
postgresql-libs-9.6.20(PostgreSQL)	PostgreSQL
aopalliance 1.0 (Public Domain)	Public Domain
basesystem 10.0 (Public Domain)	Public Domain
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setup 2.8.71 (Public Domain)	Public Domain
sqlite 3.6.20 (Public Domain)	Public Domain
tzdata 2019a (Public Domain)	Public Domain
argparse 1.4.0 (Python License)	Python License
defusedxml 0.4.1 (Python License)	Python License
ipaddress 1.0.18 (Python License)	Python License
python 2.6.6 (Python License)	Python License
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python-libs 2.6.6 (Python License)	Python License
python-setuptools 0.6.10 (Python License)	Python License
typing 3.5.3.0 (Python License)	Python License
pydns 2.3.6 (Python-2.0)	Python-2.0
python 2.7.14 (Python-2.0)	Python-2.0
db4 4.7.25 (Sleepycat)	Sleepycat
db4-utils 4.7.25 (Sleepycat)	Sleepycat

Name	License Type
tcl 8.5.13 (TCL)	TCL
pillow 4.1.1 (The Python Imaging Library (PIL) License)	The Python Imaging Library (PIL) License
pillow-6.2.2(The Python Imaging Library (PIL) License)	The Python Imaging Library (PIL) License
vim-minimal 7.4.629 (Vim)	Vim
zlib 1.2.11 (Zlib)	Zlib
zlib 1.2.3 (zlib License)	Zlib
zope.interface 4.3.3 (Zope License)	ZPL-2.1

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adobe-type-tools-mapping-resources-pdf-20180407 (BSD-3-Clause)

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```
*****
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```
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```

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```

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```

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```

From strings/apr\_strnatcmp.c, include/apr\_strings.h:

```

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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```

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```
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*
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From strings/apr\_strnatcmp.c, include/apr\_strings.h:

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]  
Preamble

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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.

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To

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

For

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

Our method of

protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each

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

Finally, any free program is threatened

constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most

GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain



designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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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

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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.

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

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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.

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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.

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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.

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For

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

It may

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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"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.

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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.

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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.

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##### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

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Theodore Ts'o  
23-June-2007

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Theodore Ts'o  
23-June-2007

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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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.)

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Version 3, 29 June 2007

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\*\*\*\*\*

gconf2 3.2.6 (LGPL-2.0)

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```
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```

```
<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice
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```
*****
```

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#### 1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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

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

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

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

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

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

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
- d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

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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.

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(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.)

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`Gnomovision' (which makes passes at compilers) written by James Hacker.

, 1 April 1989

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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.

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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.

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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

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"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.

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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.

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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.)

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Eclipse

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\* `org.eclipse.jetty.orbit:org.eclipse.jdt.core`

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\* `org.eclipse.jetty.orbit:javax.security.auth.message`

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\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.  
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api  
\* javax.annotation:javax.annotation-api  
\* javax.transaction:javax.transaction-api  
\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.  
<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons  
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli



org.apache.tomcat:tomcat-jsp-api  
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org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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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.

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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.

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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.

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

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

```
lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
```

and the initial implementation of incremental propagation, including the following new or changed files:

```
include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c
```

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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.

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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.

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form



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Version 3, 29 June 2007

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(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.)

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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.

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(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.)

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maxmind-geoipupdate-2.5 (GPL-2.0)

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Written by: Philip Hazel  
Email local part: ph10  
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python-requests 2.6.0 (Apache-2.0)

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However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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

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

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

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

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

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

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

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply

such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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

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

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

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

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

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

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

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

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

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is

called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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

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

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

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

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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
- c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy. For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

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

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

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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.

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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.

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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.

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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:

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

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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.

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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.

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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.

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