



Open Source Used In HyperFlex Systems 4.0

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Text Part Number: 78EE117C99-185369005

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In your requests please include the following reference number **78EE117C99-185369005**

Contents

HyperFlex Data Platform: Controller VM 4.0.0

2.1 acl 2.2.52-3

2.1.1 Available under license

2.2 Activation 1.1 1.1

2.2.1 Available under license

2.3 akka 2.3.0

2.4 akka-actor_2.10 2.3.0

2.4.1 Available under license

2.5 akka-agent_2.10 2.3.0

2.6 annotations 2.0.1

2.6.1 Available under license

2.7 Ansible 2.2.1.0

2.7.1 Available under license

2.8 aopalliance 2.4.0

2.9 aopalliance version 1.0 repackaged as a module 2.4.0-b31

2.9.1 Available under license

2.10 aopalliance version 1.0 repackaged as a module 2.3.0-b10

2.10.1 Available under license

2.11 aopalliance-repackaged 2.3.0

2.12 aopalliance-repackaged 2.4.0-b34

2.12.1 Available under license

2.13 aopalliance-repackaged 2.4.0

2.14 Apache Commons BeanUtils 1.9.1

2.14.1 Available under license

2.15 Apache Commons Codec 1.10

2.15.1 Available under license

2.16 Apache Commons Codec 1.9

2.16.1 Available under license

2.17 Apache Commons Collections 3.2.1.

2.17.1 Available under license

2.18 Apache Commons Logging 1.2

2.18.1 Available under license

2.19 Apache HttpClient 4.3.2

2.19.1 Available under license

2.20 Apache HttpCore 4.3.1

2.20.1 Available under license

2.21 Apache Neethi 3.0.3

2.21.1 Available under license

2.22 apache-curator 2.4.2

2.22.1 Available under license

2.23 apache-cxf 3.1.10

2.23.1 Available under license

2.24 apache-log4j 1.2.15

2.24.1 Available under license

2.25 appdirs 1.4.3

2.25.1 Available under license

2.26 asm 5.0.4

2.26.1 Available under license

2.27 async-http-client 1.7.16

2.28 babel-polyfill 6.13.0

2.28.1 Available under license

2.29 Backbone.js 1.0.0

2.29.1 Available under license

2.30 bcprov-jdk15on 1.51

2.30.1 Available under license

2.31 Bean Validation API 1.1.0.Final

2.31.1 Available under license

2.32 BeanUtils 1.8.3

2.32.1 Available under license

2.33 BeanUtils 1.9.3

2.33.1 Available under license

2.34 binutils 2.26.1 :1ubuntu1~16.04.3

2.34.1 Available under license

2.35 boost 1.46.1

2.35.1 Available under license

2.36 Bouncy Castle PKIX, CMS, EAC, TSP, PKCS, OCSP, CMP, and CRMF APIs 1.51

- 2.36.1 Available under license
- 2.37 c3p0 0.9.1.1**
 - 2.37.1 Available under license
- 2.38 c3p0:JDBC DataSources/Resource Pools 0.9.1.1**
 - 2.38.1 Available under license
- 2.39 carbon 0.9.15-1**
 - 2.39.1 Available under license
- 2.40 classnames 2.2.5**
 - 2.40.1 Available under license
- 2.41 cobra 0.0.1**
 - 2.41.1 Available under license
- 2.42 color 1.6.0**
 - 2.42.1 Available under license
- 2.43 com.cisco.xmp.osgi.commons.logging 1.0.4**
 - 2.43.1 Available under license
- 2.44 Commons BeanUtils 1.9.1**
 - 2.44.1 Available under license
- 2.45 Commons Logging 1.1.3**
 - 2.45.1 Available under license
- 2.46 Commons Logging 1.1.1**
 - 2.46.1 Available under license
- 2.47 commons-beanutils 1.9.3**
 - 2.47.1 Available under license
- 2.48 commons-beanutils 1.8.3**
 - 2.48.1 Available under license
- 2.49 commons-cli 1.3.1**
 - 2.49.1 Available under license
- 2.50 commons-cli 1.2**
 - 2.50.1 Available under license
- 2.51 commons-codec 1.9**
 - 2.51.1 Available under license
- 2.52 commons-codec 1.6**
 - 2.52.1 Available under license
- 2.53 commons-collections 3.2.2**
 - 2.53.1 Available under license
- 2.54 commons-compress 1.8**
 - 2.54.1 Available under license
- 2.55 commons-fileupload 1.3.3**
 - 2.55.1 Available under license

- 2.56 commons-io 2.4**
 - 2.56.1 Available under license
- 2.57 commons-io 2.5**
 - 2.57.1 Available under license
- 2.58 commons-lang 3.3.2**
 - 2.58.1 Available under license
- 2.59 commons-lang 2.6**
 - 2.59.1 Available under license
- 2.60 commons-lang 3.1**
 - 2.60.1 Available under license
- 2.61 commons-lang3 3.1**
 - 2.61.1 Available under license
- 2.62 commons-lang3 3.3.2**
 - 2.62.1 Available under license
- 2.63 config 1.2.0**
 - 2.63.1 Available under license
- 2.64 curator-client 2.4.2**
 - 2.64.1 Available under license
- 2.65 curator-framework 2.4.2**
 - 2.65.1 Available under license
- 2.66 curator-recipes 2.4.2**
 - 2.66.1 Available under license
- 2.67 curator-x-discovery 2.4.3**
 - 2.67.1 Available under license
- 2.68 curl 7.47.0-1ubuntu2.11**
 - 2.68.1 Available under license
- 2.69 cxf-core 3.1.10**
 - 2.69.1 Available under license
- 2.70 cxf-rt-ws-policy 3.1.10**
 - 2.70.1 Available under license
- 2.71 detect-browser 1.6.2**
 - 2.71.1 Available under license
- 2.72 dispatch-core_2.10 0.11.0**
- 2.73 dom4j 1.6.1**
 - 2.73.1 Available under license
- 2.74 exhibitor 1.5.2**
 - 2.74.1 Available under license
- 2.75 expect 1.20.2**
 - 2.75.1 Available under license

2.76 file-saver 1.3.3

2.76.1 Available under license

2.77 finagle-core_2.10 6.14.0

2.78 finagle-http_2.10 6.14.0

2.79 finagle-thrift_2.10 6.14.0

2.80 fontconfig 2.11.94 :0ubuntu1.1

2.80.1 Available under license

2.81 fping 4.0

2.81.1 Available under license

2.82 functools32 3.2.3.post2 :py2.7

2.82.1 Available under license

2.83 gch_core 2.0.15

2.84 gch_ipc_client 2.0.15

2.85 gch_lib_version 2.0.15

2.86 gch_thrift_ipc 2.0.15

2.87 gdb 7.4-2012.04-0ubuntu2.1

2.87.1 Available under license

2.88 glob 7.1.1

2.88.1 Available under license

2.89 go-i18n 1.10.0

2.89.1 Available under license

2.90 go-thrift Master

2.90.1 Available under license

2.91 go-zookeeper-client master

2.91.1 Available under license

2.92 go.uuid 1.2.0-4-g36e9d2e

2.92.1 Available under license

2.93 gson 2.5

2.93.1 Available under license

2.94 guava 11.0.1

2.94.1 Available under license

2.95 guava 17.0

2.95.1 Available under license

2.96 guava 20.0

2.96.1 Available under license

2.97 Guava: Google Core Libraries for Java 15.0

2.97.1 Available under license

2.98 Guava: Google Core Libraries for Java 17.0

2.99 hamcrest-core 1.3

- 2.99.1 Available under license
- 2.100 hk2-api 2.4.0-b34**
 - 2.100.1 Available under license
- 2.101 hk2-locator 2.4.0-b34**
 - 2.101.1 Available under license
- 2.102 hk2-utils 2.4.0-b34**
 - 2.102.1 Available under license
- 2.103 HttpClient 4.2.5**
 - 2.103.1 Available under license
- 2.104 httpclient 4.5.2**
 - 2.104.1 Available under license
- 2.105 HttpClient 4.5.3**
 - 2.105.1 Available under license
- 2.106 HttpCore 4.2.4**
 - 2.106.1 Available under license
- 2.107 HttpCore 4.3.2**
 - 2.107.1 Available under license
- 2.108 httpcore 4.4.5**
 - 2.108.1 Available under license
- 2.109 httpcore 4.2.4**
 - 2.109.1 Available under license
- 2.110 httpcore 4.4.6**
 - 2.110.1 Available under license
- 2.111 HttpCore 4.3.2 :1**
 - 2.111.1 Available under license
- 2.112 ieee-data 20150531.1 :deb8u2**
 - 2.112.1 Available under license
- 2.113 intl 1.2.4**
 - 2.113.1 Available under license
- 2.114 ipaddr 1.0.2 [Nov 27, 2017]**
 - 2.114.1 Available under license
- 2.115 ipaddress 1.0.16**
 - 2.115.1 Available under license
- 2.116 iperf 2.0.5+dfsg1-2**
 - 2.116.1 Available under license
- 2.117 isomorphic-fetch 2.2.1**
 - 2.117.1 Available under license
- 2.118 istgt 0.5**
- 2.119 jackson-annotations 2.6.3**

- 2.119.1 Available under license
- 2.120 jackson-annotations 2.3.3**
 - 2.120.1 Available under license
- 2.121 jackson-annotations 2.7.0**
 - 2.121.1 Available under license
- 2.122 jackson-annotations 2.4.5**
 - 2.122.1 Available under license
- 2.123 jackson-annotations 2.4.0**
 - 2.123.1 Available under license
- 2.124 jackson-core 2.7.4**
 - 2.124.1 Available under license
- 2.125 Jackson-core 2.4.5**
 - 2.125.1 Available under license
- 2.126 Jackson-core 2.4.2**
 - 2.126.1 Available under license
- 2.127 jackson-core-asl 1.9.2**
 - 2.127.1 Available under license
- 2.128 jackson-core-asl 1.9.13**
 - 2.128.1 Available under license
- 2.129 jackson-databind 2.4.5**
 - 2.129.1 Available under license
- 2.130 jackson-databind 2.4.2**
 - 2.130.1 Available under license
- 2.131 jackson-databind 2.7.4**
 - 2.131.1 Available under license
- 2.132 jackson-dataformat-xml 2.7.4**
 - 2.132.1 Available under license
- 2.133 jackson-dataformat-xml 2.4.5**
 - 2.133.1 Available under license
- 2.134 Jackson-dataformat-YAML 2.5.4**
 - 2.134.1 Available under license
- 2.135 jackson-dataformat-yaml 2.4.5**
 - 2.135.1 Available under license
- 2.136 jackson-datatype-guava 2.3.3**
 - 2.136.1 Available under license
- 2.137 jackson-datatype-joda 2.4.5**
 - 2.137.1 Available under license
- 2.138 jackson-jaxrs-base 2.7.4**
 - 2.138.1 Available under license

- 2.139 Jackson-JAXRS-base 2.4.5**
 - 2.139.1 Available under license
- 2.140 jackson-jaxrs-json-provider 2.7.4**
 - 2.140.1 Available under license
- 2.141 jackson-jaxrs-json-provider 2.4.5**
 - 2.141.1 Available under license
- 2.142 jackson-mapper-asl 1.9.13**
 - 2.142.1 Available under license
- 2.143 jackson-mapper-asl 1.9.2**
 - 2.143.1 Available under license
- 2.144 jackson-mapper-asl 1.8.3**
 - 2.144.1 Available under license
- 2.145 Jackson-module-JAXB-annotations 2.4.5**
 - 2.145.1 Available under license
- 2.146 jackson-module-jaxb-annotations 2.7.4**
 - 2.146.1 Available under license
- 2.147 jackson-module-scala_2.10 2.3.3**
 - 2.147.1 Available under license
- 2.148 Java JRE 1.7.0_67**
 - 2.148.1 Available under license
- 2.149 java-common 0.56ubuntu2**
 - 2.149.1 Available under license
- 2.150 java-configparser 0.1**
 - 2.150.1 Available under license
- 2.151 javaassist 3.18.2-GA**
 - 2.151.1 Available under license
- 2.152 JavaBeans Activation Framework (JAF) 1.1**
 - 2.152.1 Available under license
- 2.153 JavaMail API 1.5.4**
 - 2.153.1 Available under license
- 2.154 Javassist 3.18.1-GA**
 - 2.154.1 Available under license
- 2.155 Javassist 3.19.0-GA**
 - 2.155.1 Available under license
- 2.156 javax.annotation API 1.2**
 - 2.156.1 Available under license
- 2.157 javax.annotation-api 1.2**
 - 2.157.1 Available under license
- 2.158 javax.inject 1**

2.158.1 Available under license

2.159 javax.inject 2.3.0

2.160 javax.inject 2.4.0-b34

2.160.1 Available under license

2.161 javax.inject 2.2.0-b10

2.161.1 Available under license

2.162 Javax.Servlet-api 3.1.0

2.162.1 Available under license

2.163 javax.ws.rs-api 2.0.1

2.163.1 Available under license

2.164 javax.ws.rs-api 2.0

2.164.1 Available under license

2.165 jaxb-core 2.2.11

2.166 jaxb-impl 2.2.11

2.166.1 Available under license

2.167 jaxb-impl 2.2.4

2.167.1 Available under license

2.168 jaxrs-ri 2.21

2.169 jersey-bundle 1.18.1

2.169.1 Available under license

2.170 jersey-bundle 1.9.1

2.170.1 Available under license

2.171 jersey-client 1.11

2.171.1 Available under license

2.172 jersey-client 1.19.3

2.173 jersey-client 2.12

2.173.1 Available under license

2.174 jersey-client 1.18.1

2.174.1 Available under license

2.175 jersey-client 2.22.2

2.175.1 Available under license

2.176 jersey-common 2.22.2

2.176.1 Available under license

2.177 jersey-common 2.12

2.178 jersey-container-servlet-core 2.1

2.178.1 Available under license

2.179 jersey-container-servlet-core 2.5.1

2.179.1 Available under license

2.180 jersey-container-servlet-core 2.22.2

2.180.1 Available under license

2.181 jersey-core 1.9.1

2.181.1 Available under license

2.182 jersey-core 1.18.1

2.182.1 Available under license

2.183 jersey-core-client 2.17

2.183.1 Available under license

2.184 jersey-core-server 2.17

2.184.1 Available under license

2.185 jersey-grizzly2 1.18.1

2.186 jersey-guava 2.22.2

2.186.1 Available under license

2.187 jersey-json 1.18.1

2.187.1 Available under license

2.188 jersey-media-jaxb 2.22.2

2.188.1 Available under license

2.189 jersey-media-jaxb 2.17

2.189.1 Available under license

2.190 jersey-media-multipart 2.5.1

2.190.1 Available under license

2.191 jersey-media-multipart 2.1

2.191.1 Available under license

2.192 jersey-media-multipart 2.22.2

2.192.1 Available under license

2.193 jersey-server 2.21

2.194 jersey-server 2.22.2

2.194.1 Available under license

2.195 jersey-server 1.18.1

2.195.1 Available under license

2.196 jersey-servlet 1.18.1

2.196.1 Available under license

2.197 jersey-spring 1.18.1

2.197.1 Available under license

2.198 jettison 1.3

2.198.1 Available under license

2.199 jetty-http 9.1.4.v20140401

2.200 jetty-io 9.1.4.v20140401

2.201 jetty-server 9.1.4.v20140401

2.202 jetty-util 9.1.4.v20140401

2.203 jinja2 2.8

2.203.1 Available under license

2.204 jjwt 0.2

2.205 jjwt 0.6.0

2.205.1 Available under license

2.206 jline 0.9.94

2.206.1 Available under license

2.207 Jna 3.2.7

2.207.1 Available under license

2.208 Jna 3.2.7

2.208.1 Available under license

2.209 jna 4.3.0

2.209.1 Available under license

2.210 jnr-constants 0.8.6

2.211 joda-convert 1.6

2.211.1 Available under license

2.212 joda-convert 1.8.1

2.212.1 Available under license

2.213 Joda-Time 2.3

2.213.1 Available under license

2.214 joda-time 2.9.2

2.214.1 Available under license

2.215 js-cookie 2.1.2

2.215.1 Available under license

2.216 jsch 0.1.51

2.216.1 Available under license

2.217 JSON in Java 20131018

2.217.1 Available under license

2.218 json-java 20140107

2.219 json4s-ast 3.5.3

2.220 json4s-core 3.5.3

2.221 json4s-jackson 3.5.3

2.222 json4s-scalap 3.5.3

2.223 jsonpickle 0.9.2

2.223.1 Available under license

2.224 jsonschema 2.5.1

2.224.1 Available under license

2.225 jsontoken 1.1

2.226 jsr166y 1.7.0

- 2.226.1 Available under license
- 2.227 jsr305 2.0.1**
 - 2.227.1 Available under license
- 2.228 jsr311-api 1.1.1**
 - 2.228.1 Available under license
- 2.229 jsr311-api 1.1.1**
 - 2.229.1 Available under license
- 2.230 jstz 1.0.7**
 - 2.230.1 Available under license
- 2.231 kerberos 1.13.1**
 - 2.231.1 Available under license
- 2.232 lftp 4.6.3a-1build2**
 - 2.232.1 Available under license
- 2.233 libcrack2 amd64:2.9.2-1**
 - 2.233.1 Available under license
- 2.234 libdbi1 amd64:0.9.0-4**
 - 2.234.1 Available under license
- 2.235 libicu-dev 55.1 :7ubuntu0.4**
 - 2.235.1 Available under license
- 2.236 libjbig0 amd64:2.1-3.1+b2**
 - 2.236.1 Available under license
- 2.237 libmspack 0.5-1ubuntu0.16.04.3**
 - 2.237.1 Available under license
- 2.238 libpam4j 1.4**
- 2.239 libpam4j 1.8**
- 2.240 libsystemd0:amd64 229-4ubuntu21.16**
 - 2.240.1 Available under license
- 2.241 libthai 0.1.24 :2**
 - 2.241.1 Available under license
- 2.242 libthrift 0.9.1**
- 2.243 libthrift 0.9.1**
 - 2.243.1 Available under license
- 2.244 libtiff 4.0.6-1ubuntu0.2**
 - 2.244.1 Available under license
- 2.245 libtirpc1 0.2.5-1ubuntu0.1**
 - 2.245.1 Available under license
- 2.246 libtool 2.4.6 :0.1**
 - 2.246.1 Available under license
- 2.247 libx11-6:amd64 2:1.6.3 :1ubuntu2.1**

- 2.247.1 Available under license
- 2.248 libxcursor1 1.1.14 :1ubuntu0.16.04.1**
- 2.248.1 Available under license
- 2.249 libxi 2:1.7.6 :1**
- 2.249.1 Available under license
- 2.250 libxt 1:1.1.5 :1**
- 2.250.1 Available under license
- 2.251 libxtst 2:1.2.2-1**
- 2.251.1 Available under license
- 2.252 lodash 4.17.4**
- 2.252.1 Available under license
- 2.253 Log4j 1.2.16**
- 2.253.1 Available under license
- 2.254 log4j 1.2.17**
- 2.254.1 Available under license
- 2.255 log4j-over-slf4j 1.7.7**
- 2.255.1 Available under license
- 2.256 logback-classic 1.1.7**
- 2.256.1 Available under license
- 2.257 logback-classic 1.1.1**
- 2.257.1 Available under license
- 2.258 logback-classic 1.1.2**
- 2.258.1 Available under license
- 2.259 logback-core 1.1.7**
- 2.259.1 Available under license
- 2.260 lsscsi 0.27 :3.el7**
- 2.260.1 Available under license
- 2.261 Lucene Core 3.6.0**
- 2.261.1 Available under license
- 2.262 mail 1.4**
- 2.262.1 Available under license
- 2.263 MarkupSafe 0.23 :1**
- 2.263.1 Available under license
- 2.264 Maven Artifact 3.2.1**
- 2.264.1 Available under license
- 2.265 Maven-Artifact 3.2.1**
- 2.265.1 Available under license
- 2.266 miglayout 3.5.5**
- 2.266.1 Available under license

- 2.267 MIME streaming extension 1.8**
 - 2.267.1 Available under license
- 2.268 mimepull 1.9.6**
 - 2.268.1 Available under license
- 2.269 mkdirp 0.5.1**
 - 2.269.1 Available under license
- 2.270 mockito-core 1.8.5**
 - 2.270.1 Available under license
- 2.271 modernizr 2.6.2**
 - 2.271.1 Available under license
- 2.272 moment 2.14.1**
 - 2.272.1 Available under license
- 2.273 moment-duration-format 1.3.0**
 - 2.273.1 Available under license
- 2.274 moment-timezone 0.5.11**
 - 2.274.1 Available under license
- 2.275 netaddr 0.7.18**
 - 2.275.1 Available under license
- 2.276 Netty 3.8.1 :final**
 - 2.276.1 Available under license
- 2.277 nginx 1.14**
 - 2.277.1 Available under license
- 2.278 node js 6.9.5**
 - 2.278.1 Available under license
- 2.279 nprogress 0.1.2**
 - 2.279.1 Available under license
- 2.280 ntp 1:4.2.8p4+dfsg :3ubuntu5.9**
 - 2.280.1 Available under license
- 2.281 ntplib 0.3.3**
 - 2.281.1 Available under license
- 2.282 org.apache.oltu.oauth2.authzserver 1.0.2**
 - 2.282.1 Available under license
- 2.283 org.apache.oltu.oauth2.common 1.0.2**
 - 2.283.1 Available under license
- 2.284 osgi-resource-locator 1.0.1**
 - 2.284.1 Available under license
- 2.285 osgi.resource.locator 1.0.1**
 - 2.285.1 Available under license
- 2.286 packaging 16.8**

- 2.286.1 Available under license
- 2.287 Paramiko 2.0.8**
 - 2.287.1 Available under license
- 2.288 paranamer 2.8**
 - 2.288.1 Available under license
- 2.289 pbis-open 8.0.1 :2029**
 - 2.289.1 Available under license
- 2.290 pd_impl_interfaces 2.0.15**
- 2.291 pd_ipc_server 2.0.15**
- 2.292 pd_thrift_ipc 2.0.15**
- 2.293 pexpect 4.2.0**
 - 2.293.1 Available under license
- 2.294 plexus-utils 3.0.17**
 - 2.294.1 Available under license
- 2.295 ppp 2.4.7-1+2ubuntu1.16.04.1**
 - 2.295.1 Available under license
- 2.296 ppp 2.4.7-1+2ubuntu1**
 - 2.296.1 Available under license
- 2.297 printThis.js 1.2**
- 2.298 promise-as3 Legacy**
- 2.299 prop-types 15.6.0**
 - 2.299.1 Available under license
- 2.300 pyasn1 0.1.9**
 - 2.300.1 Available under license
- 2.301 pycparser 2.14**
 - 2.301.1 Available under license
- 2.302 pyopenssl 0.15.1-2ubuntu0.2**
 - 2.302.1 Available under license
- 2.303 pyparsing 2.2.0**
 - 2.303.1 Available under license
- 2.304 pyparsing/gplv2 2.2.0**
 - 2.304.1 Available under license
- 2.305 pyparsing/GPLv3 2.2.0**
 - 2.305.1 Available under license
- 2.306 python 3.5.2**
 - 2.306.1 Available under license
- 2.307 python 2.7.12 2.7.12-1ubuntu0~16.04.3**
 - 2.307.1 Available under license
- 2.308 python pyparsing 2.2.0**

- 2.308.1 Available under license
- 2.309 python-attrs 15.2.0 :1**
 - 2.309.1 Available under license
- 2.310 python-cairo 1.8.8 :1ubuntu3**
 - 2.310.1 Available under license
- 2.311 python-chardet 2.3.0-2**
 - 2.311.1 Available under license
- 2.312 python-cryptography 1.2.3 :1ubuntu0.1**
 - 2.312.1 Available under license
- 2.313 python-enum34 1.1.2**
 - 2.313.1 Available under license
- 2.314 python-functools32 3.2.3-2**
 - 2.314.1 Available under license
- 2.315 python-gnupginterface 0.3.2**
 - 2.315.1 Available under license
- 2.316 python-idna 2.0 :3**
 - 2.316.1 Available under license
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2.354 scala-stm_2.10 0.7

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2.376 spring-security-rsa 1.0.0.RELEASE
2.377 sshpass 1.05-1 :1
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2.386 swagger-jaxrs 1.5.10
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- 2.408 util-hashing_2.10 6.14.0**
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7.11 google.golang.org/genproto master

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2.3 akka 2.3.0

2.4 akka-actor_2.10 2.3.0

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*/

package org.apache.cxf.io;

import java.io.IOException;
import java.io.InputStream;

/**

* Marker interface for OutputStreams that can directly support
* copying from an input stream. OutputStreams that maintain their
* own byte buffer or similar may be able to optimize the copy
* instead of using the read/write into a temporary buffer that
* the normal IOUtils.copy method requires.
*/

public interface CopyingOutputStream {

int copyFrom(InputStream in) throws IOException;

}

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*/
package org.apache.cxf.rs.security.oauth2.common;

```

```

import java.io.Serializable;

import javax.persistence.Id;
import javax.persistence.MappedSuperclass;
import javax.persistence.Transient;
/**
 * Base permission description
 * @see OAuthAuthorizationData
 */
@MappedSuperclass
public class Permission implements Serializable {
    private static final long serialVersionUID = 8988574955042726083L;
    private String permission;
    private String description;
    private boolean isDefaultPermission;
    private boolean invisibleToClient;

    public Permission() {

    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    /**
     * Gets the permission description
     * @return the description
     */
    public String getDescription() {

```

```

    return description;
}

/**
 * Sets the permission description
 * @param description
 */
public void setDescription(String description) {
    this.description = description;
}

/**
 * Get the permission value such as "read_calendar"
 * @return the value
 */
@Id
public String getPermission() {
    return permission;
}

/**
 * Sets the permission value such as "read_calendar"
 * @param permission the permission value
 */
public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates if this permission has been allocated by default or not.
 * Authorization View handlers may use this property to optimize the way the user selects the
 * scopes.
 * For example, assume that read, 'add' and 'update' scopes are supported and the
 * 'read' scope is always allocated. This can be presented at the UI level as follows:
 * the read-only check-box control will represent a 'read' scope and a user will be able to
 * optionally select 'add' and/or 'update' scopes, in addition to the default 'read' one.
 * @param isDefault true if the permission has been allocated by default
 */
public void setDefaultPermission(boolean value) {
    this.isDefaultPermission = value;
}

public boolean isDefaultPermission() {
    return isDefaultPermission;
}

@Deprecated
@Transient

```

```

public boolean isDefault() {
    return isDefaultPermission;
}

public boolean isInvisibleToClient() {
    return invisibleToClient;
}

/**
 * Set the visibility status; by default all the scopes approved by a user can
 * be optionally reported to the client in access token responses. Some scopes may need
 * to stay 'invisible' to client.
 * @param invisibleToClient
 */
public void setInvisibleToClient(boolean invisibleToClient) {
    this.invisibleToClient = invisibleToClient;
}

@Override
public boolean equals(Object object) {
    if (!(object instanceof Permission)) {
        return false;
    }

    Permission that = (Permission)object;
    if (!this.getPermission().equals(that.getPermission())) {
        return false;
    }
    if (this.getDescription() != null && that.getDescription() == null
        || this.getDescription() == null && that.getDescription() != null
        || this.getDescription() != null && !this.getDescription().equals(that.getDescription())) {
        return false;
    }
    if (this.isInvisibleToClient() != that.isInvisibleToClient() //NOPMD
        || this.isDefaultPermission() != that.isDefaultPermission()) { //NOPMD
        return false;
    }

    return true;
}

@Override
public int hashCode() {
    int hashCode = getPermission().hashCode();
    if (getDescription() != null) {
        hashCode = 31 * hashCode + getDescription().hashCode();
    }
    hashCode = 31 * hashCode + Boolean.valueOf(isInvisibleToClient()).hashCode();
}

```

```

        hashCode = 31 * hashCode + Boolean.valueOf(isDefaultPermission()).hashCode();

        return hashCode;
    }
}
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 */
package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {

    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }
}

```



```

public void setDescription(String description) {
    this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}
}

```

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```

```
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta name="generator" content="HTML Tidy, see www.w3.org" />
```

```
<meta http-equiv="Content-Type"
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content="text/html; charset=iso-8859-1" />
```

```
<link rel="stylesheet" type="text/css"
```

```
href="/StyleSheets/base.css" />
```

```
<title>W3C IPR SOFTWARE NOTICE</title>
```

```
</head>
```

```
<body text="#000000" bgcolor="#FFFFFF">
```

```
<h1>W3C<sup>&reg;</sup> SOFTWARE NOTICE AND LICENSE</h1>
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<h3>Copyright &copy; 1994-2002 <a href="http://www.w3.org/">World
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 </p>

<p> </p>

```
<address><a href=" ../Help/Webmaster.html">webmaster</a><br />
(last updated $Date$)</address>
</body>
</html>
```

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"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
<title>Eclipse Public License - Version 1.0</title>
<style type="text/css">
body {
    size: 8.5in 11.0in;
    margin: 0.25in 0.5in 0.25in 0.5in;
    tab-interval: 0.5in;
}
p {
```

```

margin-left: auto;
margin-top: 0.5em;
margin-bottom: 0.5em;
}
p.list {
margin-left: 0.5in;
margin-top: 0.05em;
margin-bottom: 0.05em;
}
</style>

</head>

<body lang="EN-US">

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```

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```

```
$project.name #if ($project.url)($project.url)#end $project.artifact
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2.24 apache-log4j 1.2.15

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2.25 appdirs 1.4.3

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2.26 asm 5.0.4

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2.27 async-http-client 1.7.16

2.28 babel-polyfill 6.13.0

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2.29 Backbone.js 1.0.0

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2.30 bcprov-jdk15on 1.51

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

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

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

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

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

and what the program that uses the Library does.

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

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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:

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

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

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

on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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

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

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

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

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

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

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

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

therefore falls outside the scope of this License.

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

Section 6 states terms for distribution of such executables.

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

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

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

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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the

user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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

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

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

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

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

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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.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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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 a brief idea of what it does.>
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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

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@appendixsubsec Preamble

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This license, the Lesser General Public License, applies to some specially designated software---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.

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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.

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 @dfn{Lesser} General Public License because it does @emph{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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@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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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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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.

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The modified work must itself be a software library.

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

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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.)

@end enumerate

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

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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.

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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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.)

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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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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.)

@item

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.

@item

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.

@item

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.

@item

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

@end enumerate

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.

@item

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:

@enumerate a

@item

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@item

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.

@end enumerate

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@end enumerate

@iftex

@heading END OF TERMS AND CONDITIONS

@end iftex

@ifinfo

@center END OF TERMS AND CONDITIONS

@end ifinfo

@page

@appendixsubsec How to Apply These Terms to Your New Libraries

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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.

```
@smallexample
@var{one line to give the library's name and an idea of what it does.}
Copyright (C) @var{year} @var{name of author}
```

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```
@end smallexample
```

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:

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

```
@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample
```

That's all there is to it!

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Version 2.1, February 1999

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- 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.
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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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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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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.

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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.

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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```
<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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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!
(This file is under construction.) -*- text -*-

If you've contributed to gas and your name isn't listed here, it is not meant as a slight. I just don't know about it. Email me, nickc@redhat.com and I'll correct the situation.

This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

+++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other

reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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2.35 boost 1.46.1

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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains
test data from <http://aspell.sourceforge.net/test/batch0.tab>.

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2.52 commons-codec 1.6

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2.61 commons-lang3 3.1

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2.71 detect-browser 1.6.2

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2.73 dom4j 1.6.1

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// Dependency for plugin was set in buildscript.gradle

```
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  apply plugin: 'license' //nl.javadude.gradle.plugins.license.LicensePlugin
  license {
    header rootProject.file('codequality/HEADER')
    ext.year = Calendar.getInstance().get(Calendar.YEAR)
    skipExistingHeaders true
  }
}
```

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The snowball stemmers in

`contrib/analyzers/common/src/java/net/sf/snowball`

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The full snowball package is available from

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The KStem stemmer in

`common/src/org/apache/lucene/analysis/en`

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`contrib/analyzers/common/src/resources/org/apache/lucene/analysis/ar/stopwords.txt,`

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`contrib/analyzers/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,`

`contrib/analyzers/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,`

`contrib/analyzers/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt`

See <http://members.unine.ch/jacques.savoy/clef/index.html>.

The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers (`common`) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

`contrib/analyzers/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java`

`contrib/analyzers/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java`

`contrib/analyzers/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java`

`contrib/analyzers/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java`

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`contrib/analyzers/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java`

`contrib/analyzers/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java`

`contrib/analyzers/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java`

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2.75 expect 1.20.2

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2.76 file-saver 1.3.3

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2.77 finagle-core_2.10 6.14.0

2.78 finagle-http_2.10 6.14.0

2.79 finagle-thrift_2.10 6.14.0

2.80 fontconfig 2.11.94 :0ubuntu1.1

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2.81 fping 4.0

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2.82 functools32 3.2.3.post2 :py2.7

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principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes

2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
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2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
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3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
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3.2.3	3.2.2	2012	PSF	yes

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2.84 gch_ipc_client 2.0.15

2.85 gch_lib_version 2.0.15

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2.87 gdb 7.4-2012.04-0ubuntu2.1

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```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

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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.]

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derivative of the original library, and the ordinary General Public License treats it as such.

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(For example, a function in a library to compute square roots has

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```
<one line to give the library's name and a brief idea of what it does.>  
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```

```
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```
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```

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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<one line to give the library's name and a brief idea of what it does.>

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

That's all there is to it!

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Version 2, June 1991

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

```
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the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.
```

```
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```
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
```

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```
#!/usr/bin/env python
```

```
"""copyright.py
```

This script updates most of the files that are not already handled by copyright.sh. It must be run from the gdb/ subdirectory of the GDB source tree.

```
"""
```

```
import datetime
```

```

import re
import os
import os.path

class Comment(object):
    """A class describing comment.

    ATTRIBUTES
    start: A string describing how comments are started.
    stop: A string describing how comments end. If None, then
        a comment ends at the end of the line.
    start2: Some files accept more than 1 kind of comment.
        For those that do, this is the alternative form.
        For now, it is assumed that if start2 is not None,
        then stop is None (thus no stop2 attribute).
    """
    def __init__(self, start, stop=None, start2=None, max_lines=30):
        """The "Copyright" keyword should be within MAX_LINES lines
        from the start of the file."""
        self.start = start
        self.stop = stop
        self.start2 = start2
        self.max_lines = max_lines

# The Comment object for Ada code (and GPR files).
ADA_COMMENT = Comment(start="--")

THIS_YEAR = str(datetime.date.today().year)

# Files which should not be modified, either because they are
# generated, non-FSF, or otherwise special (e.g. license text,
# or test cases which must be sensitive to line numbering).
EXCLUSION_LIST = (
    "COPYING", "COPYING.LIB", "CVS", "configure", "copying.c", "gdbarch.c",
    "gdbarch.h", "fdl.texi", "gpl.texi", "gdbtk", "gdb.gdbtk", "osf-share",
    "aclocal.m4", "step-line.inp", "step-line.c",
)

# Files that are too different from the rest to be processed automatically.
BY_HAND = ['./sim/ppc/psim.texinfo']

# Files for which we know that they do not have a copyright header.
# Ideally, this list should be empty (but it may not be possible to
# add a copyright header in some of them).
NO_COPYRIGHT = (
    # Configure files. We should fix those, one day.
    "testsuite/gdb.cell/configure.ac", "testsuite/gdb.hp/configure.ac",
    "testsuite/gdb.hp/gdb.aCC/configure.ac",
)

```

```

"testsuite/gdb.hp/gdb.base-hp/configure.ac",
"testsuite/gdb.hp/gdb.compat/configure.ac",
"testsuite/gdb.hp/gdb.defects/configure.ac",
"testsuite/gdb.hp/gdb.objdbg/configure.ac",
"testsuite/gdb.stabs/configure.ac",
"../sim/arm/configure.ac", "../sim/avr/configure.ac",
"../sim/common/configure.ac", "../sim/configure.ac",
"../sim/cr16/configure.ac", "../sim/cris/configure.ac",
"../sim/d10v/configure.ac", "../sim/erc32/configure.ac",
"../sim/frv/configure.ac", "../sim/h8300/configure.ac",
"../sim/igen/configure.ac", "../sim/iq2000/configure.ac",
"../sim/lm32/configure.ac", "../sim/m32r/configure.ac",
"../sim/m68hc11/configure.ac", "../sim/mcore/configure.ac",
"../sim/microblaze/configure.ac", "../sim/mips/configure.ac",
"../sim/mn10300/configure.ac", "../sim/moxie/configure.ac",
"../sim/ppc/configure.ac", "../sim/sh/configure.ac",
"../sim/sh64/configure.ac", "../sim/testsuite/configure.ac",
"../sim/testsuite/d10v-elf/configure.ac",
"../sim/testsuite/frv-elf/configure.ac",
"../sim/testsuite/m32r-elf/configure.ac",
"../sim/testsuite/mips64el-elf/configure.ac", "../sim/v850/configure.ac",
# Assembly files. It's not certain that we can add a copyright
# header in a way that works for all platforms supported by the
# testcase...
"testsuite/gdb.arch/pa-nullify.s", "testsuite/gdb.arch/pa64-nullify.s",
"testsuite/gdb.asm/asmsrc1.s", "testsuite/gdb.asm/asmsrc2.s",
"testsuite/gdb.disasm/am33.s", "testsuite/gdb.disasm/h8300s.s",
"testsuite/gdb.disasm/hppa.s", "testsuite/gdb.disasm/mn10200.s",
"testsuite/gdb.disasm/mn10300.s", "testsuite/gdb.disasm/sh3.s",
"testsuite/gdb.disasm/t01_mov.s", "testsuite/gdb.disasm/t02_mova.s",
"testsuite/gdb.disasm/t03_add.s", "testsuite/gdb.disasm/t04_sub.s",
"testsuite/gdb.disasm/t05_cmp.s", "testsuite/gdb.disasm/t06_ari2.s",
"testsuite/gdb.disasm/t07_ari3.s", "testsuite/gdb.disasm/t08_or.s",
"testsuite/gdb.disasm/t09_xor.s", "testsuite/gdb.disasm/t10_and.s",
"testsuite/gdb.disasm/t11_logs.s", "testsuite/gdb.disasm/t12_bit.s",
"testsuite/gdb.disasm/t13_otr.s", "testsuite/gdb.hp/gdb.base-hp/reg-pa64.s",
"testsuite/gdb.hp/gdb.base-hp/reg.s",
"../sim/testsuite/d10v-elf/exit47.s",
"../sim/testsuite/d10v-elf/hello.s",
"../sim/testsuite/d10v-elf/loop.s",
"../sim/testsuite/d10v-elf/t-ae-ld-d.s",
"../sim/testsuite/d10v-elf/t-ae-ld-i.s",
"../sim/testsuite/d10v-elf/t-ae-ld-id.s",
"../sim/testsuite/d10v-elf/t-ae-ld-im.s",
"../sim/testsuite/d10v-elf/t-ae-ld-ip.s",
"../sim/testsuite/d10v-elf/t-ae-ld2w-d.s",
"../sim/testsuite/d10v-elf/t-ae-ld2w-i.s",
"../sim/testsuite/d10v-elf/t-ae-ld2w-id.s",

```

"/sim/testsuite/d10v-elf/t-ae-ld2w-im.s",
"/sim/testsuite/d10v-elf/t-ae-ld2w-ip.s",
"/sim/testsuite/d10v-elf/t-ae-st-d.s",
"/sim/testsuite/d10v-elf/t-ae-st-i.s",
"/sim/testsuite/d10v-elf/t-ae-st-id.s",
"/sim/testsuite/d10v-elf/t-ae-st-im.s",
"/sim/testsuite/d10v-elf/t-ae-st-ip.s",
"/sim/testsuite/d10v-elf/t-ae-st-is.s",
"/sim/testsuite/d10v-elf/t-ae-st2w-d.s",
"/sim/testsuite/d10v-elf/t-ae-st2w-i.s",
"/sim/testsuite/d10v-elf/t-ae-st2w-id.s",
"/sim/testsuite/d10v-elf/t-ae-st2w-im.s",
"/sim/testsuite/d10v-elf/t-ae-st2w-ip.s",
"/sim/testsuite/d10v-elf/t-ae-st2w-is.s",
"/sim/testsuite/d10v-elf/t-dbt.s",
"/sim/testsuite/d10v-elf/t-ld-st.s",
"/sim/testsuite/d10v-elf/t-mac.s",
"/sim/testsuite/d10v-elf/t-mod-ld-pre.s",
"/sim/testsuite/d10v-elf/t-msbu.s",
"/sim/testsuite/d10v-elf/t-mulxu.s",
"/sim/testsuite/d10v-elf/t-mvtac.s",
"/sim/testsuite/d10v-elf/t-mvvc.s",
"/sim/testsuite/d10v-elf/t-rac.s",
"/sim/testsuite/d10v-elf/t-rachi.s",
"/sim/testsuite/d10v-elf/t-rdt.s",
"/sim/testsuite/d10v-elf/t-rep.s",
"/sim/testsuite/d10v-elf/t-rie-xx.s",
"/sim/testsuite/d10v-elf/t-rte.s",
"/sim/testsuite/d10v-elf/t-sac.s",
"/sim/testsuite/d10v-elf/t-sachi.s",
"/sim/testsuite/d10v-elf/t-sadd.s",
"/sim/testsuite/d10v-elf/t-slae.s",
"/sim/testsuite/d10v-elf/t-sp.s",
"/sim/testsuite/d10v-elf/t-sub.s",
"/sim/testsuite/d10v-elf/t-sub2w.s",
"/sim/testsuite/d10v-elf/t-subi.s",
"/sim/testsuite/d10v-elf/t-trap.s",
"/sim/testsuite/frv-elf/cache.s",
"/sim/testsuite/frv-elf/exit47.s",
"/sim/testsuite/frv-elf/grloop.s",
"/sim/testsuite/frv-elf/hello.s",
"/sim/testsuite/frv-elf/loop.s",
"/sim/testsuite/m32r-elf/exit47.s",
"/sim/testsuite/m32r-elf/hello.s",
"/sim/testsuite/m32r-elf/loop.s",
"/sim/testsuite/sim/cris/hw/rv-n-cris/quit.s",
"/sim/testsuite/sim/h8300/addb.s",
"/sim/testsuite/sim/h8300/addl.s",

"/sim/testsuite/sim/h8300/adds.s",
"/sim/testsuite/sim/h8300/addw.s",
"/sim/testsuite/sim/h8300/addx.s",
"/sim/testsuite/sim/h8300/andb.s",
"/sim/testsuite/sim/h8300/andl.s",
"/sim/testsuite/sim/h8300/andw.s",
"/sim/testsuite/sim/h8300/band.s",
"/sim/testsuite/sim/h8300/bfld.s",
"/sim/testsuite/sim/h8300/biand.s",
"/sim/testsuite/sim/h8300/bra.s",
"/sim/testsuite/sim/h8300/brabc.s",
"/sim/testsuite/sim/h8300/bset.s",
"/sim/testsuite/sim/h8300/cmpb.s",
"/sim/testsuite/sim/h8300/cmpl.s",
"/sim/testsuite/sim/h8300/cmpw.s",
"/sim/testsuite/sim/h8300/daa.s",
"/sim/testsuite/sim/h8300/das.s",
"/sim/testsuite/sim/h8300/dec.s",
"/sim/testsuite/sim/h8300/div.s",
"/sim/testsuite/sim/h8300/extl.s",
"/sim/testsuite/sim/h8300/extw.s",
"/sim/testsuite/sim/h8300/inc.s",
"/sim/testsuite/sim/h8300/jmp.s",
"/sim/testsuite/sim/h8300/lcd.s",
"/sim/testsuite/sim/h8300/ldm.s",
"/sim/testsuite/sim/h8300/mac.s",
"/sim/testsuite/sim/h8300/mova.s",
"/sim/testsuite/sim/h8300/movb.s",
"/sim/testsuite/sim/h8300/movl.s",
"/sim/testsuite/sim/h8300/movmd.s",
"/sim/testsuite/sim/h8300/movsd.s",
"/sim/testsuite/sim/h8300/movw.s",
"/sim/testsuite/sim/h8300/mul.s",
"/sim/testsuite/sim/h8300/neg.s",
"/sim/testsuite/sim/h8300/nop.s",
"/sim/testsuite/sim/h8300/not.s",
"/sim/testsuite/sim/h8300/orb.s",
"/sim/testsuite/sim/h8300/orl.s",
"/sim/testsuite/sim/h8300/orw.s",
"/sim/testsuite/sim/h8300/rotl.s",
"/sim/testsuite/sim/h8300/rotr.s",
"/sim/testsuite/sim/h8300/rotxl.s",
"/sim/testsuite/sim/h8300/rotxr.s",
"/sim/testsuite/sim/h8300/shal.s",
"/sim/testsuite/sim/h8300/shar.s",
"/sim/testsuite/sim/h8300/shll.s",
"/sim/testsuite/sim/h8300/shlr.s",
"/sim/testsuite/sim/h8300/stack.s",

"/sim/testsuite/sim/h8300/stc.s",
"/sim/testsuite/sim/h8300/subb.s",
"/sim/testsuite/sim/h8300/subl.s",
"/sim/testsuite/sim/h8300/subs.s",
"/sim/testsuite/sim/h8300/subw.s",
"/sim/testsuite/sim/h8300/subx.s",
"/sim/testsuite/sim/h8300/tas.s",
"/sim/testsuite/sim/h8300/xorb.s",
"/sim/testsuite/sim/h8300/xorl.s",
"/sim/testsuite/sim/h8300/xorw.s",
"/sim/testsuite/sim/mips/fpu64-ps-sb1.s",
"/sim/testsuite/sim/mips/fpu64-ps.s",
"/sim/testsuite/sim/mips/hilo-hazard-1.s",
"/sim/testsuite/sim/mips/hilo-hazard-2.s",
"/sim/testsuite/sim/mips/hilo-hazard-3.s",
"/sim/testsuite/sim/mips/mdmx-ob-sb1.s",
"/sim/testsuite/sim/mips/mdmx-ob.s",
"/sim/testsuite/sim/mips/mips32-dsp.s",
"/sim/testsuite/sim/mips/mips32-dsp2.s",
"/sim/testsuite/sim/mips/sanity.s",
"/sim/testsuite/sim/sh/add.s",
"/sim/testsuite/sim/sh/and.s",
"/sim/testsuite/sim/sh/bandor.s",
"/sim/testsuite/sim/sh/bandornot.s",
"/sim/testsuite/sim/sh/bclr.s",
"/sim/testsuite/sim/sh/bld.s",
"/sim/testsuite/sim/sh/bldnot.s",
"/sim/testsuite/sim/sh/bset.s",
"/sim/testsuite/sim/sh/bst.s",
"/sim/testsuite/sim/sh/bxor.s",
"/sim/testsuite/sim/sh/clip.s",
"/sim/testsuite/sim/sh/div.s",
"/sim/testsuite/sim/sh/dmxy.s",
"/sim/testsuite/sim/sh/fabs.s",
"/sim/testsuite/sim/sh/fadd.s",
"/sim/testsuite/sim/sh/fail.s",
"/sim/testsuite/sim/sh/fcmpeq.s",
"/sim/testsuite/sim/sh/fcmpgt.s",
"/sim/testsuite/sim/sh/fcnvds.s",
"/sim/testsuite/sim/sh/fcnvds.s",
"/sim/testsuite/sim/sh/fdiv.s",
"/sim/testsuite/sim/sh/fipr.s",
"/sim/testsuite/sim/sh/fldi0.s",
"/sim/testsuite/sim/sh/fldi1.s",
"/sim/testsuite/sim/sh/flds.s",
"/sim/testsuite/sim/sh/float.s",
"/sim/testsuite/sim/sh/fmac.s",
"/sim/testsuite/sim/sh/fmov.s",

"/sim/testsuite/sim/sh/fmul.s",
"/sim/testsuite/sim/sh/fneg.s",
"/sim/testsuite/sim/sh/fpchg.s",
"/sim/testsuite/sim/sh/frchg.s",
"/sim/testsuite/sim/sh/fsca.s",
"/sim/testsuite/sim/sh/fschg.s",
"/sim/testsuite/sim/sh/fsqrt.s",
"/sim/testsuite/sim/sh/fsrra.s",
"/sim/testsuite/sim/sh/fsub.s",
"/sim/testsuite/sim/sh/ftrc.s",
"/sim/testsuite/sim/sh/ldrc.s",
"/sim/testsuite/sim/sh/loop.s",
"/sim/testsuite/sim/sh/macl.s",
"/sim/testsuite/sim/sh/macw.s",
"/sim/testsuite/sim/sh/mov.s",
"/sim/testsuite/sim/sh/movi.s",
"/sim/testsuite/sim/sh/movli.s",
"/sim/testsuite/sim/sh/movua.s",
"/sim/testsuite/sim/sh/movxy.s",
"/sim/testsuite/sim/sh/mulr.s",
"/sim/testsuite/sim/sh/pabs.s",
"/sim/testsuite/sim/sh/padd.s",
"/sim/testsuite/sim/sh/paddc.s",
"/sim/testsuite/sim/sh/pand.s",
"/sim/testsuite/sim/sh/pass.s",
"/sim/testsuite/sim/sh/pclr.s",
"/sim/testsuite/sim/sh/pdec.s",
"/sim/testsuite/sim/sh/pdmsb.s",
"/sim/testsuite/sim/sh/pinc.s",
"/sim/testsuite/sim/sh/pmuls.s",
"/sim/testsuite/sim/sh/prnd.s",
"/sim/testsuite/sim/sh/pshai.s",
"/sim/testsuite/sim/sh/pshar.s",
"/sim/testsuite/sim/sh/pshli.s",
"/sim/testsuite/sim/sh/pshlr.s",
"/sim/testsuite/sim/sh/psub.s",
"/sim/testsuite/sim/sh/pswap.s",
"/sim/testsuite/sim/sh/pushpop.s",
"/sim/testsuite/sim/sh/resbank.s",
"/sim/testsuite/sim/sh/sett.s",
"/sim/testsuite/sim/sh/shll.s",
"/sim/testsuite/sim/sh/shll16.s",
"/sim/testsuite/sim/sh/shll2.s",
"/sim/testsuite/sim/sh/shll8.s",
"/sim/testsuite/sim/sh/shlr.s",
"/sim/testsuite/sim/sh/shlr16.s",
"/sim/testsuite/sim/sh/shlr2.s",
"/sim/testsuite/sim/sh/shlr8.s",

```

"/sim/testsuite/sim/sh/swap.s",
"/sim/testsuite/sim/sh64/misc/fr-dr.s",
# .inc files. These are usually assembly or C files...
"testsuite/gdb.asm/alpha.inc",
"testsuite/gdb.asm/arm.inc",
"testsuite/gdb.asm/common.inc",
"testsuite/gdb.asm/empty.inc",
"testsuite/gdb.asm/frv.inc",
"testsuite/gdb.asm/h8300.inc",
"testsuite/gdb.asm/i386.inc",
"testsuite/gdb.asm/ia64.inc",
"testsuite/gdb.asm/iq2000.inc",
"testsuite/gdb.asm/m32c.inc",
"testsuite/gdb.asm/m32r-linux.inc",
"testsuite/gdb.asm/m32r.inc",
"testsuite/gdb.asm/m68hc11.inc",
"testsuite/gdb.asm/m68k.inc",
"testsuite/gdb.asm/mips.inc",
"testsuite/gdb.asm/netbsd.inc",
"testsuite/gdb.asm/openbsd.inc",
"testsuite/gdb.asm/pa.inc",
"testsuite/gdb.asm/pa64.inc",
"testsuite/gdb.asm/powerpc.inc",
"testsuite/gdb.asm/powerpc64.inc",
"testsuite/gdb.asm/s390.inc",
"testsuite/gdb.asm/s390x.inc",
"testsuite/gdb.asm/sh.inc",
"testsuite/gdb.asm/sparc.inc",
"testsuite/gdb.asm/sparc64.inc",
"testsuite/gdb.asm/spu.inc",
"testsuite/gdb.asm/v850.inc",
"testsuite/gdb.asm/x86_64.inc",
"testsuite/gdb.asm/xstormy16.inc",
"/sim/testsuite/sim/arm/iwmmxt/testutils.inc",
"/sim/testsuite/sim/arm/testutils.inc",
"/sim/testsuite/sim/arm/thumb/testutils.inc",
"/sim/testsuite/sim/arm/xscale/testutils.inc",
"/sim/testsuite/sim/cr16/testutils.inc",
"/sim/testsuite/sim/cris/asm/testutils.inc",
"/sim/testsuite/sim/cris/hw/rv-n-cris/testutils.inc",
"/sim/testsuite/sim/fr30/testutils.inc",
"/sim/testsuite/sim/frv/testutils.inc",
"/sim/testsuite/sim/h8300/testutils.inc",
"/sim/testsuite/sim/m32r/testutils.inc",
"/sim/testsuite/sim/sh/testutils.inc",
"/sim/testsuite/sim/sh64/compact/testutils.inc",
"/sim/testsuite/sim/sh64/media/testutils.inc",
"/sim/testsuite/sim/v850/testutils.inc",

```

)

A mapping between file extensions to their associated Comment object.
This dictionary also contains a number of exceptions, based on
filename.

```
COMMENT_MAP = \  
{ ".1" : Comment(start=r'\.'),  
  ".ac" : Comment(start="dnl", start2="#"),  
  ".ads" : ADA_COMMENT,  
  ".adb" : ADA_COMMENT,  
  ".f" : Comment(start="c"),  
  ".f90" : Comment(start="!"),  
  ".gpr" : ADA_COMMENT,  
  ".inc" : Comment(start="#", start2=";"),  
  ".s" : Comment(start="!"),  
  ".tex" : Comment(start="% "),  
  ".texi" : Comment(start="@c"),  
  ".texinfo" : Comment(start="@c"),
```

Files that use a different way of including the copyright

header...

```
"ada-operator.inc" : Comment(start="/*", stop="*/"),  
"gdbint.texinfo" : Comment(start='@copying', stop="@end copying"),  
"annotate.texinfo" : Comment(start='@copying', stop="@end copying",  
                             max_lines=50),  
"stabs.texinfo" : Comment(start='@copying', stop="@end copying"),  
}
```

```
class NotFound(Exception):
```

```
    pass
```

```
class AlreadyDone(Exception):
```

```
    pass
```

```
def process_header(src, dst, cdescr):
```

```
    """Read from SRC for up to CDESCR.MAX_LINES until we find a copyright  
    notice. If found, then write the entire file, with the copyright  
    noticed updated with the current year added.
```

Raises NotFound if the copyright notice could not be found or has
some inconsistencies.

Raises AlreadyDone if the copyright notice already includes the current
year.

```
    """
```

```
    line_count = 0
```

```
    # The start-of-comment marker used for this file. Only really useful
```

```
    # in the case where comments ends at the end of the line, as this
```

```

# allows us to know which comment marker to use when breaking long
# lines (in the cases where there are more than one.
cdescr_start = ""

while True:
    # If we still haven't found a copyright line within a certain
    # number of lines, then give up.
    if line_count > cdescr.max_lines:
        raise NotFound("start of Copyright not found")

    line = src.readline()
    line_count += 1
    if not line:
        raise NotFound("start of Copyright not found (EOF)")

    # Is this a copyright line? If not, then no transformation is
    # needed. Write it as is, and continue.
    if not re.search(r"Copyright\b.*\b(199\d|20\d)\b", line):
        dst.write(line)
        continue

    # If a start-of-comment marker is needed for every line, try to
    # figure out which one it is that is being used in this file (most
    # files only accept one, in which case it's easy - but some accept
    # two or more...).
    if cdescr.stop is None:
        stripped_line = line.lstrip()
        if stripped_line.startswith(cdescr.start):
            cdescr_start = cdescr.start
        elif (cdescr.start2 is not None
              and stripped_line.startswith(cdescr.start2)):
            cdescr_start = cdescr.start2
        elif cdescr.start in stripped_line:
            cdescr_start = cdescr.start
        elif (cdescr.start2 is not None
              and cdescr.start2 in stripped_line):
            cdescr_start = cdescr.start2
        else:
            # This can't be a line with a comment, so not the copyright
            # line we were looking for. Ignore.
            continue

    comment = line
    break

while not re.search(r"Free\s+Software\s+Foundation", comment):
    line = src.readline()
    line_count += 1

```

```

if not line:
    raise NotFound("Copyright owner not found (EOF)")

if cdescr.stop is None:
    # Expect a new comment marker at the start of each line
    line = line.lstrip()
    if not line.startswith(cdescr_start):
        raise NotFound("Copyright owner not found "
                        "(end of comment)")
    comment += " " + line[len(cdescr_start):]
else:
    if cdescr.stop in comment:
        raise NotFound("Copyright owner not found "
                        "(end of comment)")
    comment += line

# Normalize a bit the copyright string (we preserve the string
# up until "Copyright", in order to help preserve any original
# alignment.
(before, after) = comment.split("Copyright", 1)
after = after.replace("\n", " ")
after = re.sub("\s+", " ", after)
after = after.rstrip()

# If the copyright year has already been added, the nothing else
# to do.
if THIS_YEAR in after:
    raise AlreadyDone

m = re.match("(.*[0-9]+)(.*)", after)
if m is None:
    raise NotFound("Internal error - cannot split copyright line: "
                  "%s" % comment)

# Reconstruct the comment line
comment = before + "Copyright" + m.group(1) + ', %s' % THIS_YEAR
owner_part = m.group(2).lstrip()

# Max comment len...
max_len = 76

# If we have to break the copyright line into multiple lines,
# we want to align all the lines on the "Copyright" keyword.
# Create a small "indent" string that we can use for that.
if cdescr.stop is None:
    # The comment marker is needed on every line, so put it at the
    # start of our "indent" string.
    indent = cdescr_start + ' ' * (len(before) - len(cdescr_start))

```

```

else:
    indent = ' ' * len(before)

# If the line is too long...
while len(comment) > max_len:
    # Split the line at the first space before max_len.
    space_index = comment[0:max_len].rfind(' ')
    if space_index < 0: # No space in the first max_len characters???
        # Split at the first space, then...
        space_index = comment.find(' ')
    if space_index < 0:
        # Still no space found. This is extremely unlikely, but
        # just pretend there is one at the end of the string.
        space_index = len(comment)

    # Write the first part of the string up until the space
    # we selected to break our line.
    dst.write(comment[:space_index] + '\n')

    # Strip the part of comment that we have finished printing.
    if space_index < len(comment):
        comment = comment[space_index + 1:]
    else:
        comment = ""

    # Prepend the "indent" string to make sure that we remain
    # aligned on the "Copyright" word.
    comment = indent + comment

# And finally, write the rest of the last line... We want to write
# "Free Software Foundation, Inc" on the same line, so handle this
# with extra care.
dst.write(comment)
if len(comment) + 1 + len(owner_part) > max_len:
    dst.write('\n' + indent)
else:
    dst.write(' ')
dst.write(owner_part + '\n')

def comment_for_filename(filename):
    """Return the Comment object that best describes the given file.
    This a smart lookup of the COMMENT_MAP dictionary where we check
    for filename-based exceptions first, before looking up the comment
    by filename extension. """
    # First, consult the COMMENT_MAP using the filename, in case this
    # file needs special treatment.
    basename = os.path.basename(filename)
    if basename in COMMENT_MAP:

```



```

    return COMMENT_MAP[basename]
# Not a special file. Check the file extension.
ext = os.path.splitext(filename)[1]
if ext in COMMENT_MAP:
    return COMMENT_MAP[ext]
# Not a know extension either, return None.
return None

def process_file(filename):
    """Processes the given file.
    """
    cdescr = comment_for_filename(filename)
    if cdescr is None:
        # Either no filename extension, or not an extension that we
        # know how to handle.
        return

    dst_filename = filename + '.new'
    src = open(filename)
    dst = open(dst_filename, 'w')
    try:
        process_header(src, dst, cdescr)
    except AlreadyDone:
        print "+++ Already up to date: `%s'." % filename
        dst.close()
        os.unlink(dst_filename)
        if filename in NO_COPYRIGHT:
            # We expect the search for a copyright header to fail, and
            # yet we found one...
            print "Warning: `%s' should not be in NO_COPYRIGHT" % filename
        return
    except NotFound as inst:
        dst.close()
        os.unlink(dst_filename)
        if not filename in NO_COPYRIGHT:
            print "*** \033[31m%s\033[0m: %s" % (filename, inst)
        return

    if filename in NO_COPYRIGHT:
        # We expect the search for a copyright header to fail, and
        # yet we found one...
        print "Warning: `%s' should not be in NO_COPYRIGHT" % filename

    for line in src:
        dst.write(line)
    src.close()
    dst.close()
    os.rename(dst_filename, filename)

```

```

if __name__ == "__main__":
    if not os.path.isfile("doc/gdb.texinfo"):
        print "Error: This script must be called from the gdb directory."
    for gdb_dir in ('.', './sim', './include/gdb'):
        for root, dirs, files in os.walk(gdb_dir):
            for filename in files:
                fullpath = os.path.join(root, filename)
                if fullpath.startswith('./'):
                    fullpath = fullpath[2:]
                if filename not in EXCLUSION_LIST and fullpath not in BY_HAND:
                    # Paths that start with './' are ugly, so strip that.
                    # This also allows us to omit them in the NO_COPYRIGHT
                    # list...
                    process_file(fullpath)
            print
        print "\033[32mREMINDER: The following files must be updated by hand." \
              "\033[0m"
        for filename in BY_HAND:
            print " ", filename
BEGIN {
    FS="\n";
    print "/* ==> Do not modify this file!! It is created automatically";
    print " by copying.awk. Modify copying.awk instead. <== */";
    print ""
    print "#include \"defs.h\""
    print "#include \"command.h\""
    print "#include \"gdbcmd.h\""
    print ""
    print "static void show_copying_command (char *, int);"
    print ""
    print "static void show_warranty_command (char *, int);"
    print ""
    print "void _initialize_copying (void);"
    print ""
    print "extern int immediate_quit;";
    print "static void";
    print "show_copying_command (char *ignore, int from_tty)";
    print "{";
    print " immediate_quit++;";
}
NR == 1,/^[ ]*15\ Disclaimer of Warranty\[ ]*$/ {
    if ($0 ~ //)
    {
        printf " printf_filtered (\\\"\\n\\");\n";
    }
    else if ($0 !~ /^[ ]*15\ Disclaimer of Warranty\[ ]*$/)
    {

```

```

    printf " printf_filtered (\\"";
    for (i = 1; i < NF; i++)
printf "%s\\\\"", $i;
    printf "%s\\n\\");\\n", $NF;
}
}
/^[ ]*15\\. Disclaimer of Warranty\\. [ ]*$/ {
    print " immediate_quit--";
    print "}";
    print "";
    print "static void";
    print "show_warranty_command (char *ignore, int from_tty)";
    print "{";
    print " immediate_quit++";
}
/^[ ]*15\\. Disclaimer of Warranty\\. [ ]*$/, /^[ ]*END OF TERMS AND CONDITIONS [ ]*$/ {
    if (! ($0 ~ /^[ ]*END OF TERMS AND CONDITIONS [ ]*$/))
    {
        printf " printf_filtered (\\"";
        for (i = 1; i < NF; i++)
printf "%s\\\\"", $i;
        printf "%s\\n\\");\\n", $NF;
    }
}
END {
    print " immediate_quit--";
    print "}";
    print "";
    print "void"
    print "_initialize_copying (void)";
    print "{";
    print " add_cmd (\\"copying\\", no_class, show_copying_command, ";
    print " _(\\"Conditions for redistributing copies of GDB.\");";
    print " &showlist);";
    print " add_cmd (\\"warranty\\", no_class, show_warranty_command, ";
    print " _(\\"Various kinds of warranty you do not have.\");";
    print " &showlist);";
    print "";
    print " /* For old-timers, allow \\\"info copying\\", etc. */";
    print " add_info (\\"copying\\", show_copying_command, ";
    print " _(\\"Conditions for redistributing copies of GDB.\");";
    print " add_info (\\"warranty\\", show_warranty_command, ";
    print " _(\\"Various kinds of warranty you do not have.\");";
    print "}";
}
@ignore
@c Set file name and title for man page.
@setfilename gpl

```

```
@settitle GNU General Public License
@c man begin SEEALSO
gfdl(7), fsf-funding(7).
@c man end
@c man begin COPYRIGHT
Copyright @copyright{ } 2007 Free Software Foundation, Inc. @url{http://fsf.org/}
```

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

```
@c man end
@end ignore
@node Copying
@c man begin DESCRIPTION
@appendix GNU GENERAL PUBLIC LICENSE
@c The GNU General Public License.
@center Version 3, 29 June 2007
```

```
@c This file is intended to be included within another document,
@c hence no sectioning command or @node.
```

```
@display
Copyright @copyright{ } 2007 Free Software Foundation, Inc. @url{http://fsf.org/}
```

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

```
@end display
```

```
@heading Preamble
```

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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.

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@cindex LGPL, Lesser General Public License

@center Version 2.1, February 1999

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@appendixsubsec Preamble

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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 @dfn{Lesser} General Public License because it does @emph{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.

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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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@appendixsubsec TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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@ifinfo

@center GNU LESSER GENERAL PUBLIC LICENSE

@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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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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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.

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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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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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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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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

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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.)

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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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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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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.

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Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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2.88 glob 7.1.1

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*

* As of 2010/06/11, this method is identical to the (package private) hash

* method in OpenJDK 7's java.util.HashMap class.

```
*/
/*
 * Regarding newSetForMap() and SetFromMap:
 *
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```

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2.108 httpcore 4.4.5

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2.117 isomorphic-fetch 2.2.1

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packa

2.129 jackson-databind 2.4.5

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2.130 jackson-databind 2.4.2

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2.131 jackson-databind 2.7.4

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2.132 jackson-dataformat-xml 2.7.4

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2.136 jackson-datatype-guava 2.3.3

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2.137 jackson-datatype-joda 2.4.5

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2.138 jackson-jaxrs-base 2.7.4

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2.142 jackson-mapper-asl 1.9.13

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/* Jackson JSON-processor.
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2.143 jackson-mapper-asl 1.9.2

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2.144 jackson-mapper-asl 1.8.3

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*

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2.4.5

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2.146 jackson-module-jaxb-annotations 2.7.4

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2.147 jackson-module-scala_2.10 2.3.3

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2.148 Java JRE 1.7.0_67

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[Top of page](#)

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Top of page

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## 2.174 jersey-client 1.18.1

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## 2.183 jersey-core-client 2.17

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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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## 2.209 jna 4.3.0

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The primary ANTLR guy:

Terence Parr  
parrt@cs.usfca.edu  
parrt@antlr.org

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Version 1.1

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File: Core.js

Description:

Provides common utility functions and the Class object used internally by the library.

Also provides the <TreeUtil> object for manipulating JSON tree structures

Some of the Basic utility functions and the Class system are based in the MooTools Framework <<http://mootools.net>>. Copyright (c) 2006-2009 Valerio Proietti, <<http://mad4milk.net/>>. MIT license <<http://mootools.net/license.txt>>.

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

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singleton$Lclover/org/jfree/ui/about/Licences;<init>()V
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thisgetInstance&()Lclover/org/jfree/ui/about/Licences;
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getGPL()Ljava/lang/String;getLGPL
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s/api/ProductLicense+
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getProduct+()Lclover/com/atlassian/extras/api/Product;-,./
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5java/lang/String8valueOf(I)Ljava/lang/String;;
9<9clover/com/atlassian/extras/common/util/LicenseProperties>getProperty8(Ljava/lang/String;Ljava/lang/String;)
Ljava/lang/String;@A?Bjava/lang/IntegerD'(Ljava/lang/String;)Ljava/lang/Integer;:F
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ate;
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LicenseTypeName@clover/com/atlassian/extras/common/LicenseTypeAndEditionResolvergetLicenseTypeA(Ljava
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./ 01 this8Lclover/com/atlassian/extras/core/DefaultProductLicense;GracePeriodjava/util/DategetTime()J
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NumberOfClusterNodes9clover/com/atlassian/extras/common/util/LicensePropertiesgetInt(Ljava/lang/String;I)I
thisFLclover/com/atlassian/extras/core/confluence/DefaultConfluenceLicense;product)Lclover/com/atlassian/extras/
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GENTS_NONEIMAX_REMOTE_AGENTS_STANDARDMAX_REMOTE_AGENTS_PROFESSIONAL
MAX_REMOTE_AGENTS_ENTERPRISEMAX_REMOTE_AGENTS_UNLIMITEDdMAX_LOCAL_AGENTS
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*- /calculateRemoteAgents>(Lclover/com/atlassian/extras/common/util/LicenseProperties;)I12
3 5calculateLocalAgents72
8 :calculatePlans<2
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?this>Lclover/com/atlassian/extras/core/bamboo/DefaultBambooLicense;product)Lclover/com/atlassian/extras/api/P
roduct;licenseProperties;Lclover/com/atlassian/extras/common/util/LicenseProperties;2()Lclover/com/atlassian/extr
as/api/LicenseEdition;getMaximumNumberOfRemoteAgents()IgetMaximumNumberOfLocalAgentsgetMaximumN
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x*0r{*0rdQ*|}jABjEF a~>Q RVX^^)b6d8fEhHjUIXnepht72;+(M,,X ,^Nd*hl*0rQ*|}:AB:EF 1& z {'})68<2;+(M,,X
,^Nd*hl
Q*|},AB,EF # '*

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0@clover/com/atlassian/extras/core/crucible/DefaultCrucibleLicense6clover/com/atlassian/extras/core/DefaultProductLicense8clover/com/atlassian/extras/api/crucible/CrucibleLicenseDefaultCrucibleLicense.java<init>g(Lclover/com/atlassian/extras/api/Product;Lclover/com/atlassian/extras/common/util/LicenseProperties;)V
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this:Lclover/com/atlassian/extras/core/jira/DefaultJiraLicense;product)Lclover/com/atlassian/extras/api/Product;licenseProperties;Lclover/com/atlassian/extras/common/util/LicenseProperties;2()Lclover/com/atlassian/extras/api/LicenseEdition;CodeLocalVariableTableLineNumberTable
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icense.javalicenseEdition0Lclover/com/atlassian/extras/api/LicenseEdition;<init>g(Lclover/com/atlassian/extras/api
/Product;Lclover/com/atlassian/extras/common/util/LicenseProperties;)V
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ang/String;@clover/com/atlassian/extras/common/LicenseTypeAndEditionResolvergetLicenseEditionD(Ljava/lang/
String;)Lclover/com/atlassian/extras/api/LicenseEdition;
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limit:+clover/com/atlassian/license/DefaultLicense(Ljava/util/Date;Ljava/util/Date;Ljava/util/Date;Ljava/lang/String
;Lclover/com/atlassian/license/LicenseType;ILjava/lang/String;Ljava/lang/String;ILjava/lang/String;)V
"Signature did not verify
properly." warn$%usersAndClustersLimitsparts[Ljava/lang/String;licenseTypeCodeIlicenseType*Lclover/com/atlas
sian/license/LicenseType;dateCreatedLjava/util/Date;
datePurchaseddateExpiresorganisation licenseIdusersclusterCountpartnerName
messageString tokenizerLjava/util/StringTokenizer;
signatureLjava/security/Signature;=clover/com/atlassian/extras/decoder/v2/Version2LicenseDecoder<
= canDecode(Ljava/lang/String;)Z?@
=A Failed to decode as V2 license:

```

```

C,(Ljava/lang/Object;)Ljava/lang/StringBuffer;ZE
VFdecode*(Ljava/lang/String;)Ljava/util/Properties;HI
=J
lookupProduct=(Ljava/lang/String;)Lclover/com/atlassian/extras/api/Product;LM
N@clover/com/atlassian/extras/common/util/ProductLicensePropertiesPB(Lclover/com/atlassian/extras/api/Product;
Ljava/util/Properties;)VR
QSLicenseEditionUgetPropertyW@
QXLicenseTypeZP(Ljava/lang/String;Ljava/lang/String;)Lclover/com/atlassian/license/LicenseType;\
]LicenseTypeName_
Evaluationajava/lang/BooleancvalueOf(Ljava/lang/String;)Ljava/lang/Boolean;ef
dgbooleanValuei
dj@clover/com/atlassian/extras/common/LicenseTypeAndEditionResolverlgetLicenseEditionD(Ljava/lang/String;)
Lclover/com/atlassian/extras/api/LicenseEdition;no
mp>clover/com/atlassian/extras/legacy/util/OldLicenseTypeResolverr(Lclover/com/atlassian/extras/api/Product;Lja
va/lang/String;ZLclover/com/atlassian/extras/api/LicenseEdition;)Lclover/com/atlassian/license/LicenseType;t
su3clover/com/atlassian/license/decoder/LicenseAdaptorwh(Lclover/com/atlassian/extras/common/util/LicenseProp
erties;Lclover/com/atlassian/license/LicenseType;)Vy
xzlicenseDecoder?Lclover/com/atlassian/extras/decoder/v2/Version2LicenseDecoder;propLjava/util/Properties;prod
uct)Lclover/com/atlassian/extras/api/Product;productPropertiesBLclover/com/atlassian/extras/common/util/Product
LicenseProperties;editionNameLicenseTypeString'clover/com/atlassian/extras/api/Productvalues,()[Lclover/com/atla
ssian/extras/api/Product;
getName.
equalsIgnoreCase@
FgetNamespace.
replace(CC)Ljava/lang/String;
F"java/lang/IllegalArgumentException Could not find product for key <>
Narr$*[Lclover/com/atlassian/extras/api/Product;len$i$keylength()I
F
-clover/com/atlassian/license/util/StringUtils
replaceAllJ(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;

substring(II)Ljava/lang/String;
FtoUpperCase.
ForiginalLicenseString$java/io/UnsupportedEncodingExceptionUTF-8([BLjava/lang/String;)V
F(Ljava/lang/Throwable;)V
.&Ljava/io/UnsupportedEncodingException;messageX(Lclover/com/atlassian/license/LicensePair;Ljava/security/Pu
blicKey;Ljava/lang/String;)ZgetLicenseTypeStoreC(Ljava/lang/String;)Lclover/com/atlassian/license/LicenseTypeS
tore;
-clover/com/atlassian/license/LicenseTypeStoregetPublicKeyFileName.
<clinit>F(Ljava/lang/Class;)Lclover/com/atlassian/extras/common/log/Logger$Log;

ConstantValue SyntheticCodeLocalVariableTableLineNumberTable
Exceptions
SourceFileInnerClasses!
/*# f*+&+*M,Y,0,3
"
45678.
02 9:B*+<6788

```

#\$K\*BL+D+J  
"YLO+RMTVYWY],^]a,e"YgO !> ")4hK8Fi=?@D!F"HAI" P\$WLuyM, ,\*L+!YWY\*L+N+Y-::>WiU N:HO.OP R  
SVW5Z:[>]H^O`kmo  
'( \* \*,\*,NT->  
>\*4h 67 8gk  
ortu (-N-+-\*-\*:Y:6,: : :

:  
:\*:6  
6X::' "YVYW]]aO26  
26:  
:Y

!T#&N'D()F\*+Q,-[./e0/ h1/  
234+  
5+\*6'7489-67--8':;![{]}'4<FQ[ehr| +  
m"  
X  
=Y>M,\*B"YVYWD]\*GaO,\*KN+O:QY-T:VY:[Y:+^:.`YbYhkqv:xY{f  
n,-678|}8p~>jJ^TT,-^J2/8>JT^cq"  
LM]L+=>0+2:\* \_YVYW]\*]]a4"74+ 2+]25;  
@f4\*0\*F\*DDD;ED4  
1  
ZFY\*L,Y+  
4  
9M\*+,\* 678  
?@5\*85YWYT%

03clover/com/atlassian/license/decoder/LicenseAdaptorjava/lang/Object\$clover/com/atlassian/license/LicenseLicenseAdaptor.java\_1\_YEARJ|licenseType\*Lclover/com/atlassian/license/LicenseType;creationDateLjava/util/Date;purchaseDate  
expiryDatemaintenanceExpiryDate  
evaluationZsupportEntitlementNumberLjava/lang/String;permittedClusterNodesIorganisationpartnermaximumNumberOfUsers<init>h(Lclover/com/atlassian/extras/common/util/LicenseProperties;Lclover/com/atlassian/license/LicenseType);V()V

!CreationDate#9clover/com/atlassian/extras/common/util/LicenseProperties% getProperty&(Ljava/lang/String;)Ljava/lang/String;('(&)-clover/com/atlassian/extras/common/DateEditor+getDate\$(Ljava/lang/String;)Ljava/util/Date;-  
./ 1LicenseExpiryDate3 5  
Evaluation7java/lang/Boolean9valueOf(Ljava/lang/String;)Ljava/lang/Boolean;;<  
:=booleanValue()Z?@@  
:A CPurchaseDateE GMaintenanceExpiryDateI KSENM  
ONumberOfClusterNodesQgetInt(Ljava/lang/String;)I)IST&U WOrganisationY [PartnerName] \_  
NumberOfUsersa  
cthis5Lclover/com/atlassian/license/decoder/LicenseAdaptor;licenseProperties;Lclover/com/atlassian/extras/common/util/LicenseProperties;maxUsersgetDateCreated()Ljava/util/Date;java/util/Date|getTime()Jno  
mp(J)Vr

```
msupdatedCreationDategetDatePurchased
getExpiryDate(clover/com/atlassian/license/LicenseTypeexpiresz@y { getLicenseDurationgetLicenseId()Ljava/lang
/String;getLicenseType,()Lclover/com/atlassian/license/LicenseType;getOrganisationgetPartnerNamegetPermittedC
lusteredNodes()IgetUsersrequiresUserLimit@y isExpiredjava/lang/SystemcurrentTimeMilliso
isLicenseLevel(Ljava/util/Collection;)Z
getDescriptionjava/lang/StringtoLowerCase
java/util/Collectioniterator()Ljava/util/Iterator;java/util/IteratorhasNext@next()Ljava/lang/Object;indexOf(Ljava/lan
g/String;)I
levelLjava/util/Iterator;levelsLjava/util/Collection;descriptiongetSupportEntitlementNumber
ConstantValueCodeLocalVariableTableLineNumberTable
SourceFile!
```

```
* *, "+$*02*+4*06*+8*>BD*+F*0H*+J*0L*+N*P*+RVX*+Z*\*+^`+bV>* 'd*efgh
```

```
i: !"9#H$W%c&p|()*+jkx.*LmY*Lq
```

```
etLmY*2qtL+ u.ef,u026,8vk/*Hef=wkF*"
```

```
*D
```

```
*6efB }o, efG~/*PefL/*"efQ/*\efV/*`ef[/*Xef`E*"defegk@E*6*6qefq<*M+N- -,4(&<ef<
```

```
/v
```

```
wy(z5|7~/:*Pef
```

```
0+clover/com/atlassian/license/LicenseManagerjava/lang/ObjectLicenseManager.java | clover/com/atlassian/extras/c
```

```
ommon/log/Logger$Log-
```

```
clover/com/atlassian/extras/common/log/LoggerLoglog3Lclover/com/atlassian/extras/common/log/Logger$Log;lice
```

```
nseListLjava/util/Map;licenseConfigurationslicenseManager-
```

```
Lclover/com/atlassian/license/LicenseManager; | class$clover$com$atlassian$license$LicenseManagerLjava/lang/Cl
```

```
ass;<init>()V
```

```
java/util/HashMap
```

```
thisgetInstance()Lclover/com/atlassian/license/LicenseManager; "
```

```
addLicenseConfiguration(Ljava/lang/String;Lclover/com/atlassian/license/LicenseTypeStore;Lclover/com/atlassian
```

```
/license/LicenseRegistry;)V | clover/com/atlassian/license/LicenseConfiguration` (Lclover/com/atlassian/license/Lice
```

```
nseRegistry;Lclover/com/atlassian/license/LicenseTypeStore;)V)
```

```
(*
```

```
java/util/Map.put8(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;./-
```

```
0applicationNameLjava/lang/String;licenseTypeStore/Lclover/com/atlassian/license/LicenseTypeStore;licenseRegis
```

```
try.Lclover/com/atlassian/license/LicenseRegistry;licenseConfiguration3Lclover/com/atlassian/license/LicenseConfi
```

```
guration;getLicenseRegistryB(Ljava/lang/String;)Lclover/com/atlassian/license/LicenseRegistry;getLicenseConfi
```

```
gurationG(Ljava/lang/String;)Lclover/com/atlassian/license/LicenseConfiguration;<=
```

```
>0()Lclover/com/atlassian/license/LicenseRegistry;:@
```

```
(AgetLicenseTypeStoreC(Ljava/lang/String;)Lclover/com/atlassian/license/LicenseTypeStore; | ()Lclover/com/atlass
```

```
ian/license/LicenseTypeStore;CE
```

```
(Fget&(Ljava/lang/Object;)Ljava/lang/Object;HI-Jjava/lang/RuntimeExceptionLjava/lang/StringBufferN
```

```
O&No LicenseConfiguration found for key Qappend,(Ljava/lang/String;)Ljava/lang/StringBuffer;ST
```

```
OtoString()Ljava/lang/String;WX
```

```
OY(Ljava/lang/String;)V[
```

```
M\lookupLicenseTypeStorehasValidLicense(Ljava/lang/String;)Z
```

```
getLicense:(Ljava/lang/String;)Lclover/com/atlassian/license/License;ab
```

```
c$clover/com/atlassian/license/Licensee isExpired()Zghfi
```

```
licenseKey-clover/com/atlassian/license/LicenseExceptionjava/lang/ExceptionnisEmptyph-
```



```

qcontainsKey(Ljava/lang/Object;)Zst-u w>There is no License Configuration defined for the application
y.{error(Ljava/lang/Object;)V}~,clover/com/atlassian/license/LicenseRegistrygetLicenseMessageXgetLicenseHash
X?There is no license string or hash defined for the application
info~(clover/com/atlassian/license/LicensePair(Ljava/lang/String;Ljava/lang/String;)V
Could not build a license
pair*(Ljava/lang/Object;Ljava/lang/Throwable;)V}3clover/com/atlassian/license/decoder/LicenseDecoderd(Lclover
/com/atlassian/license/LicensePair;Ljava/lang/String;)Lclover/com/atlassian/license/License;a
Exception getting license: ,(Ljava/lang/Object;)Ljava/lang/StringBuffer;S
Oe/Lclover/com/atlassian/license/LicenseException;license&Lclover/com/atlassian/license/License;
licenseStrhashpair*Lclover/com/atlassian/license/LicensePair;Ljava/lang/Exception;
setLicenseL(Ljava/lang/String;Ljava/lang/String;)Lclover/com/atlassian/license/License;
\isValid?(Lclover/com/atlassian/license/LicensePair;Ljava/lang/String;)Z
?(Lclover/com/atlassian/license/LicensePair;Ljava/lang/String;)V
qAttempt to set invalid license. Ensure that you are calling setLicense(license, appName) - not (appName,
license)warnupdatedLicenseremoveI-()Ba
)clover/com/atlassian/license/LicenseUtils getString([B]Ljava/lang/String;
setLicenseMessage[getHash
setLicenseHash[getLicensePair>(Ljava/lang/String;)Lclover/com/atlassian/license/LicensePair; Couldn't get the
LicensePair ...getLicenseTypeP(Ljava/lang/String;Ljava/lang/String;)Lclover/com/atlassian/license/LicenseType;-
clover/com/atlassian/license/LicenseTypeStore>(Ljava/lang/String;)Lclover/com/atlassian/license/LicenseType;
licenseTypeString?(Ljava/lang/String;I)Lclover/com/atlassian/license/LicenseType;-
(I)Lclover/com/atlassian/license/LicenseType;
licenseTypeCodeIresetclear-clearLicenseConfigurations
removeLicense<clinit> getClass()Ljava/lang/Class;
java/lang/ClassGetComponentType
F(Ljava/lang/Class;)Lclover/com/atlassian/extras/common/log/Logger$Log;
  SyntheticCodeLocalVariableTableLineNumberTable
Exceptions
SourceFileInnerClasses!
Q**Y*Y !"# !4#
Y$##+-0%&s(Y-,+:*+1W423456789567;:= *+?B 23;CD= *+?G 23@<=y/*+K(M,MYOYPRV+VZ], //23!89EFH-
J^Dc*+K(M,,G 2389TUV[_`O*+d*+djk3bab
*r*+vM*+K(N-%xOYPzV+V|VZ-B::%xOYPV+V|VZ:Y::x+M*+,1W MxOYPV,Z,*+KfmNoOoof
)89Ut67^k3gb323bgl)m-oMpOrUs^tgvqxy|3NY+N,-, *-,:x"#o>%3333231& #%1 @+>*,W*,K(N-
B:++4"89#67@ @ @23#1?m5*+K(M,BNY--Mx,&'m48967(
5523'(3c*+K(N-G,*233 89
mc*+K(N-G*23 89
mM**# 8
*

[D*+W23
5YWYx

0(clover/com/atlassian/license/LicenseTypejava/lang/ObjectLicenseType.javaequals(Ljava/lang/Object;)ZhashCode
()IgetTypetoString()Ljava/lang/String;getDescriptiongetNiceNameisEvaluationLicenseType()ZrequiresUserLimitex
piresgetNewLicenseTypeName
getEdition2()Lclover/com/atlassian/extras/api/LicenseEdition;

```

SourceFile

```
0?-clover/com/atlassian/license/util/StringUtils.java/lang/ObjectStringUtils.java<init>()V
this/Lclover/com/atlassian/license/util/StringUtils;
replaceAll(Ljava/lang/String;Ljava/lang/String;Ljava/lang/String;)Ljava/lang/String;java/lang/Stringequals(Ljava/l
ang/Object;)Z
java/lang/StringBufferlength()I
(I)V
indexOf(Ljava/lang/String;)I
! substring(II)Ljava/lang/String;#$
% append,(Ljava/lang/String;)Ljava/lang/StringBuffer;'(
)(I)Ljava/lang/String;#+
,toString(Ljava/lang/String;./
0iIstrLjava/lang/String;
oldPattern
newPattern remainderbufLjava/lang/StringBuffer;CodeLocalVariableTableLineNumberTable
SourceFile!/* <
=
;i*+**NY*h:-+"6&-&*W,*W-+`-N
-*W1<>-323i45i65i75R85&C9:=6
&-3@GV]` c!>
0!1clover/com/atlassian/license/LicenseConfiguration.java/lang/ObjectLicenseConfiguration.javalicenseRegistry.Lcl
over/com/atlassian/license/LicenseRegistry;licenseTypeStore/Lclover/com/atlassian/license/LicenseTypeStore;<init
>`(Lclover/com/atlassian/license/LicenseRegistry;Lclover/com/atlassian/license/LicenseTypeStore;)V()V
```

```
this3Lclover/com/atlassian/license/LicenseConfiguration;getLicenseRegistry0()Lclover/com/atlassian/license/Licen
seRegistry;getLicenseTypeStore1()Lclover/com/atlassian/license/LicenseTypeStore;setLicenseRegistry1(Lclover/co
m/atlassian/license/LicenseRegistry;)VsetLicenseTypeStore2(Lclover/com/atlassian/license/LicenseTypeStore;)VC
odeLocalVariableTableLineNumberTable
```

SourceFile!

```
Y**+*, /*/*>*+
```

```
!>*+
```

```
%&
```

```
0$clover/com/atlassian/license/License.java/lang/ObjectLicense.javagetDateCreated()Ljava/util/Date;getDatePurchas
edgetOrganisation()Ljava/lang/String;getLicenseType,()Lclover/com/atlassian/license/LicenseType; isExpired()Z
getExpiryDatetoStringisLicenseLevel(Ljava/util/Collection;)ZgetUsers()IgetPartnerNamegetLicenseIdgetPermitted
ClusteredNodesgetLicenseDuration()JgetSupportEntitlementNumber
```

SourceFile

```
0Z4clover/com/atlassian/license/AbstractLicenseRegistry.java/lang/Object,clover/com/atlassian/license/LicenseRegi
stryAbstractLicenseRegistry.java<init>()V
```

```
this6Lclover/com/atlassian/license/AbstractLicenseRegistry;getAllLicenseTypes()Ljava/util/Collection;getLicenseT
ype>(Ljava/lang/String;)Lclover/com/atlassian/license/LicenseType;-clover/com/atlassian/license/LicenseException
java/util/Collectioniterator()Ljava/util/Iterator;java/util/IteratorhasNext()Z
```

```
next(Ljava/lang/Object;"#$(clover/com/atlassian/license/LicenseType&getDescription(Ljava/lang/String;()*java/l
ang/String,toLowerCase.)
```

```
-/indexOf(Ljava/lang/String;)I12
```

```

-3java/lang/StringBuffer5
6
The license type (8append,(Ljava/lang/String;)Ljava/lang/StringBuffer;;;
6<) specified is invalid.>toString@)
6A(Ljava/lang/String;)VC
DlicenseType*Lclover/com/atlassian/license/LicenseType;licenseTypeDescLjava/lang/String;Ljava/util/Iterator;typ
e-(I)Lclover/com/atlassian/license/LicenseType;getType()IMN'O(I)Ljava/lang/StringBuffer;;Q
6RlCodeLocalVariableTableLineNumberTable
Exceptions
SourceFile! U/*V
W
UZ*M,!*,% 'N-+0:+04-Y6Y79=+=?=BEV4FG(HI
0JZ
ZKIW(57:XLUL*M,!*,% 'N-P-Y6Y79=S?=BEV*FG
"JL
LKTW#%"()),*XY
0!2clover/com/atlassian/license/MemoryLicenseRegistryjava/lang/Object,clover/com/atlassian/license/LicenseRegis
tryMemoryLicenseRegistry.javaLICENSEL.java/lang/String;HASH<init>()V

this4Lclover/com/atlassian/license/MemoryLicenseRegistry;setLicenseMessage(Ljava/lang/String;)V
licenseMessagesetLicenseHash
  licenseHashgetLicenseMessage(Ljava/lang/String;getLicenseHashCodeLocalVariableTableLineNumberTable
SourceFile!

/*=+

=+
..
0
,clover/com/atlassian/license/LicenseRegistryjava/lang/ObjectLicenseRegistry.javasetLicenseMessage(Ljava/lang/St
ring;)VsetLicenseHashgetLicenseMessage(Ljava/lang/String;getLicenseHash
SourceFile
0)clover/com/atlassian/license/LicenseUtilsjava/lang/ObjectLicenseUtils.java1 clover/com/atlassian/extras/common/l
og/Logger$Log-
clover/com/atlassian/extras/common/log/LoggerLoglog3Lclover/com/atlassian/extras/common/log/Logger$Log;PO
ST_LICENSE_EVAL_PERIODJ~UPDATE_ALLOWED_PERIOD\ALMOST_EXPIRED_PERIODKPARTNER_
NOT_MATCHING_BUILDjava/lang/String;'partner not matching build partner
nameLICENSE_NO_PARTNER'License does not contain a partner
name/class$clover$com$atlassian$license$LicenseUtilsLjava/lang/Class;<init>()V !
"this+Lclover/com/atlassian/license/LicenseUtils; getString([B)Ljava/lang/String;rndChar(D)C()
*getCharInRange,)
- /java/lang/StringBuffer1
2"Invalid Char in stream 4append,(Ljava/lang/String;)Ljava/lang/StringBuffer;67
28(I)Ljava/lang/StringBuffer;6:
2;toString()Ljava/lang/String;=>
2?debug(Ljava/lang/Object;)VABCjava/lang/StringE([C)V G
FHByteBiI byteArray[BcharByte[Cstrjava/lang/MathSrandom()DUV

```

TW@@@cuZInvalid int in stream `c1getBytesInRange(C)BIncorrect character in stream  
e(C)Ljava/lang/StringBuffer;6g  
2hCgetBytes(Ljava/lang/String;)[BtoCharArray()[Cmn  
Fojava/lang/CharacterqtoLowerCase(C)Cst  
rucd  
w!Invalid character in byte stream ystring  
charArraybytesgetSupportPeriodEnd)(Lclover/com/atlassian/license/License;)J\$clover/com/atlassian/license/Licens  
egetDateCreated()Ljava/util/Date;java/util/DategetTime()J  
license&Lclover/com/atlassian/license/License;isLicenseTooOldForBuild9(Lclover/com/atlassian/license/License;L  
java/util/Date;);Z~  
buildDateLjava/util/Date;confirmExtendLicenseExpired(Ljava/util/Date;);Z  
"#getNewBuildWithOldLicenseExpiryDate(Ljava/util/Date;);J  
  
dateConfirmed(Ljava/lang/String;);Zjava/lang/NumberFormatExceptionjava/lang/Long  
parseLong(Ljava/lang/String;);J  
(J)V  
  
!getSupportPeriodAlmostExpiredDateisPartnerDetailsValidL(Lclover/com/atlassian/license/License;Ljava/lang/Stri  
ng;);Ljava/lang/String;getPartnerName>equals(Ljava/lang/Object;);Z  
FbuildPartnerNameLicensePartnerNameReadKey(Ljava/io/InputStream;)[Bjava/io/IOExceptionjava/io/ByteArrayOut  
putStream  
"java/io/InputStreamread([B)I  
write([B)I)V  
toByteArray()[B  
isLjava/io/InputStream;boutLjava/io/ByteArrayOutputStream;len<clinit> getClass()Ljava/lang/Class;  
java/lang/ClassGetComponentType  
getInstanceF(Ljava/lang/Class;);Lclover/com/atlassian/extras/common/log/Logger\$Log;  
  
ConstantValue SyntheticCodeLocalVariableTableLineNumberTable  
Exceptions  
SourceFileInnerClasses!  
  
!3\*#%\$%  
&'a`hL=\*\*3>!++U+\*`.U++U+\*`@`.Ua@++U+\*`.UB@!++U+\*`@d.U02Y359<@DPFY+IM,4JK  
LMNOPQRN#&`)&\*7,A.H/X1c3j4w689=\$@A  
(u/hXYk`<X[k=aA`/LM!]M^\_FG H  
,)j 0`  
#  
dA`\$=\$da`><?>02Y3a9<@DjbM2PRTV&X2Z;\A^D`JbMehf  
cdk09 0dAZAd  
`azad\$`<>>?02Y3f9i@Dkbj2nprt'v3x<zB|E~KNi  
kl\*\*pL+IM>, +4vg,+, `4xdTv+4vm,+, `4x@dTX+4vs,+, `4xT>+4vy,+, `4x@`T 02Y3z9+4i@De,\*LM{|Q}O:3>Q\kv  
~8\*a F\*+ BY\* 9Y\*  
3 \*a 9Y\* 3 \*e ?\*M,,+,+,+ ??89< \*YL=N\*-Y=  
+-+\*\*"  
M}O  
%!5YWY0

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Version 2, June 1991

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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.]

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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 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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(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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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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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

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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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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

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Modified by Atlassian

The binary file of the original library has been modified by Atlassian in such way that classes have changed their package names from 'org.apache.velocity' to 'clover.org.apache.velocity'. This was necessary to avoid potential name conflicts during instrumentation of a code using the original library when using Clover. No source code of the original library was modified.

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Modified by Atlassian

The binary file of the original library has been modified by Atlassian in such way that classes have changed their package name from 'com.google.common' to 'clover.com.google.common'. This was necessary to avoid potential name conflicts during instrumentation of a code using the original library when using Clover. No source code of the original library was modified.

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The binary file of the original library has been modified by Atlassian in such way that classes have changed their package names from 'it.unimi.dsi.fastutil' to 'clover.it.unimi.dsi.fastutil'. This was necessary to avoid potential name conflicts during instrumentation of a code using the original library when using Clover. No source code of the original library was modified.

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The primary ANTLR guy:

Terence Parr  
parrt@cs.usfca.edu  
parrt@antlr.org

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## 2.211 joda-convert 1.6

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## 2.218 json-java 20140107

## 2.219 json4s-ast 3.5.3

## 2.220 json4s-core 3.5.3

## 2.221 json4s-jackson 3.5.3

## 2.222 json4s-scalap 3.5.3

## 2.223 jsonpickle 0.9.2

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## 2.225 jsontoken 1.1



## 2.226 jsr166y 1.7.0

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## 2.230 jstz 1.0.7

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## 2.231 kerberos 1.13.1

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- cmd/krb5/slave/kpropd\_rpc.c
- lib/gss\_mechs/mech\_krb5/et/kdb5\_err.c
- lib/gss\_mechs/mech\_spnego/mech/gssapiP\_spnego.h
- lib/gss\_mechs/mech\_spnego/mech/spnego\_mech.c
- lib/krb5/kadm5/kadm\_host\_srv\_names.c
- lib/krb5/kdb/kdb\_convert.c
- lib/krb5/kdb/kdb\_hdr.h
- lib/krb5/kdb/kdb\_log.c
- lib/krb5/kdb/kdb\_log.h
- lib/libgss/g\_accept\_sec\_context.c
- lib/libgss/g\_acquire\_cred.c
- lib/libgss/g\_canon\_name.c
- lib/libgss/g\_compare\_name.c
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- lib/libgss/g\_exp\_sec\_context.c
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lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
uts/common/gssapi/include/mechglueP.h

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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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## 2.232 Iftp 4.6.3a-1build2

### 2.232.1 Available under license :

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Version 2, June 1991

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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.]

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```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>  
This program 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, your program's commands might be different; for a GUI interface, you would use an "about box".

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This package was debianized and maintained by  
Christoph Lameter <clameter@debian.org> on Thu, 6 Feb 1997 18:50:09 -0800  
Nicols Lichtmaier <nick@debian.org> on Sat, 5 Apr 1997 16:56:35 -0300  
Nol Kthe <noel@debian.org> since Sat, 14 Sep 2002 11:56:00 +0200

It was downloaded from

<http://ftp.yar.ru/lftp/>

Upstream Author: Alexander V. Lukyanov <lav@yars.free.net>

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Released under the terms of the GPL v3; see  
</usr/share/common-licenses/GPL-3>

## 2.233 libcrack2 amd64:2.9.2-1

### 2.233.1 Available under license :

-----  
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected  
in released code until Nov 2009 - slow release cycle...)  
-----

Discussion thread from mailing list archive, with approval from everyone actively  
involved or holding original licensing rights included.

[Cracklib-devel] cracklib license  
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML  
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=  
r=20  
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists  
=2Dmike

Re: [Cracklib-devel] cracklib license  
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18  
I understand that, and you're welcome to bring it up with Alec directly  
and see if he wants to relicense his code as LGPL... but at this point,  
it was enough to just get it consistent and documented as to what it was  
released under. This wasn't actually a license change, just a  
clarification of the licensing that was already in place.=20



-- Nathan

=20

-----  
Nathan Neulinger EMail: nneul@um...  
University of Missouri - Rolla Phone: (573) 341-6679  
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...  
> [mailto:cracklib-devel-bounces@li...] On Behalf Of  
> Mike Frysinger  
> Sent: Monday, October 01, 2007 8:15 PM  
> To: cracklib-devel@li...  
> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing  
> libraries under  
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists  
> -mike

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

> I understand that, and you're welcome to bring it up with Alec directly  
> and see if he wants to relicense his code as LGPL... but at this point,  
> it was enough to just get it consistent and documented as to what it was  
> released under. This wasn't actually a license change, just a  
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20  
GPL-2 ... it was a modified artistic license ... i didnt notice the license=  
=20

change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=  
eir=20

applications are also GPL-2 which imo is just wrong. it isnt the place of =  
a=20

library to dictact to application writes what license they should be using.=  
=20

thus LGPL-2.1 enters to fill this void.

=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan

=20

-----  
Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:33 PM

> To: Neulinger, Nathan

> Cc: cracklib-devel@li...; Alec Muffett

> Subject: Re: [Cracklib-devel] cracklib license

>=20

> On Monday 01 October 2007, Neulinger, Nathan wrote:

>> I understand that, and you're welcome to bring it up with Alec

> directly

>> and see if he wants to relicense his code as LGPL... but at this

> point,

>> it was enough to just get it consistent and documented as to what

> it was

>> released under. This wasn't actually a license change, just a

>> clarification of the licensing that was already in place.

>=20

> the original license (before moving to sourceforge -- aka, 2.7) was

> not

> GPL-2 ... it was a modified artistic license ... i didnt notice the

> license

> change until it was mentioned in the latest notes.

>=20

> unlike the old license, GPL-2 prevents people from using cracklib

> unless their

> applications are also GPL-2 which imo is just wrong. it isnt the

> place of a

> library to dictact to application writes what license they should

> be using.

> thus LGPL-2.1 enters to fill this void.

> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro  
> maintainers to get together with Alec in a conversation and come to a  
> decision as to what licensing scheme y'all want. I haven't really done  
> much other than cleaning up the packaging and patches and a small  
> bit of  
> additional code, so whatever licensing y'all come up with is fine  
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be  
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I think it is in everyone's  
best interests to have as secure systems as possible, and I think tainting  
it via GPL will just make it less likely that the library gets used, and  
will not usually cause companies/developers to GPL the dependent code  
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct  
license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>> Seems like the ideal thing here would be for you and the other distro  
>> maintainers to get together with Alec in a conversation and come to a  
>> decision as to what licensing scheme y'all want. I haven't really done  
>> much other than cleaning up the packaging and patches and a small  
>> bit of  
>> additional code, so whatever licensing y'all come up with is fine  
>> by me.  
>  
> I am sympathetic. Guys, what do you reckon?  
>

> What I am hearing so far is that LGPL makes sense, since it can be  
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable  
timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately,  
GPLv2 with the option of using the library under a later version of the  
GPL would permit applications which were released under version 3 of the  
GPL to use the library, too, which would be sufficient for the packages  
which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>>> Seems like the ideal thing here would be for you and the other distro  
>>> maintainers to get together with Alec in a conversation and come to a  
>>> decision as to what licensing scheme y'all want. I haven't really done  
>>> much other than cleaning up the packaging and patches and a small  
>>> bit of  
>>> additional code, so whatever licensing y'all come up with is fine  
>>> by me.

>>

>> I am sympathetic. Guys, what do you reckon?

>>

>> What I am hearing so far is that LGPL makes sense, since it can be  
>> linked with any code, not just GPL...

>

> My apologies for not chiming in in anything resembling a reasonable  
> timeframe.

>

> I'd also suggest the LGPL, for the reason you noted above. Alternately,  
> GPLv2 with the option of using the library under a later version of the  
> GPL would permit applications which were released under version 3 of the  
> GPL to use the library, too, which would be sufficient for the packages  
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.

>

> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now ?  
-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.

>

> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

> >> In any case, I thank you both for working on sorting this out.

> >

> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we  
> > make the change now ?

>

> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike

-----

BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.

-----

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please

use nneul@neulinger.org.

-----

From alecm@crypticide.com Mon Oct 1 12:26:03 2007  
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:03 -0500  
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:02 -0500  
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000  
Received: from smtp1.srv.mst.edu (131.151.1.43)  
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000  
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])  
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtpr020623  
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500  
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])  
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311  
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)  
Received: from [82.68.43.14] (helo=[192.168.1.3])  
by rutherford.zen.co.uk with esmtp (Exim 4.50)  
id 1IcOcX-0004Qt-6L  
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000  
Mime-Version: 1.0 (Apple Message framework v752.2)  
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
References: <1190922867.3457.147.camel@localhost.localdomain>  
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>  
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed  
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>  
Content-Transfer-Encoding: 7bit  
From: Alec Muffett <alecm@crypticide.com>  
Subject: Re: cracklib license  
Date: Mon, 1 Oct 2007 17:59:46 +0100  
To: Nathan Neulinger <nneul@neulinger.org>  
X-Mailer: Apple Mail (2.752.2)  
X-Originating-Rutherford-IP: [82.68.43.14]  
Return-Path: alecm@crypticide.com  
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]  
Status: RO  
Content-Length: 585  
Lines: 21

>

> ----- Forwarded message -----

> From: Neulinger, Nathan <nneul@umr.edu>  
> Date: Sep 27, 2007 2:58 PM  
> Subject: RE: cracklib license  
> To: alecm@crypto.dircon.co.uk  
>  
> Any chance you could write me a self-contained email stating clearly  
> that the license is being changed to GPL, so I could include that  
> email  
> in the repository and clean up the repository/tarballs? I have all the  
> original discussion, but something succinct and self contained  
> would be  
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

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Version 2.1, February 1999

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Upstream-Name: cracklib

Upstream-Contact: Nathan Neulinger <nneul@umr.edu>

Source: <http://sourceforge.net/projects/cracklib>

Files: \*

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## 2.234 libdbi1 amd64:0.9.0-4

### 2.234.1 Available under license :

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Upstream-Name: libdbi

Upstream-Contact: Markus Hoenicka <markus@mhoenicka.de>

Source: <http://libdbi.sourceforge.net/download.html>

Files: \*

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Files: doc/\*

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

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## 2.235 libicu-dev 55.1 :7ubuntu0.4

### 2.235.1 Available under license :

This package was debianized by Jay Berkenbilt <qjb@debian.org> on August 5, 2005.

The packaging was taken over by Laszlo Boszormenyi (GCS) <gcs@debian.org> on Tue, 17 Mar 2015.

The original source was downloaded from  
[http://icu-project.org/download/latest\\_milestone.html](http://icu-project.org/download/latest_milestone.html)

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## \*-makefile-\*-

## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, \*BSD)

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```

## Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.${STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.${STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g'" > $@; \
[ -s $@ ] || rm -f $@

%.d: $(srcdir)/%.cpp

```

```

@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s/^(.*)\.o[ :]*\1.o $@ :/g'" > $@; \
[ -s $@ ] || rm -f $@'

## Versioned libraries rules

%.${SO}.${SO_TARGET_VERSION_MAJOR}: %.${SO}.${SO_TARGET_VERSION}
$(RM) $@ && ln -s ${<F} $@
%.${SO}: %.${SO}.${SO_TARGET_VERSION_MAJOR}
$(RM) $@ && ln -s ${*F}.${SO}.${SO_TARGET_VERSION} $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup
<!DOCTYPE HTML PUBLIC "-//W3C/DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>ICU License - ICU 1.8.1 and later</title>
</head>

<body BGCOLOR="#ffffff">
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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: libmspack

Upstream-Contact: Stuart Caie <[kyzer@4u.net](mailto:kyzer@4u.net)>

Source: <http://www.cabextract.org.uk/libmspack/>

Files: \*

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Upstream-Name: libthai

Upstream-Contact: Theppitak Karoonboonyanan <thep@linux.thai.net>

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RFC1831: RPC: Remote Procedure Call Protocol Specification  
Version 2 RFC1832: XDR: External Data REpresentation  
Standard RFC1833: Binding Protocols for ONC RPC Version 2  
RFC2078: Generic Security Service Application Program  
Interface, Version 2 RFC2203: RPCSEC\_GSS Protocol  
Specification RFC2695: Authentication Mechanisms for ONC RPC

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`contrib/analyzers/common/src/resources/org/apache/lucene/analysis/snowball`  
were developed by Martin Porter and Richard Boulton.  
The full snowball package is available from  
<http://snowball.tartarus.org/>

The KStem stemmer in  
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stopword list that is BSD-licensed created by Jacques Savoy. These files reside in:  
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`contrib/analyzers/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt`,  
`contrib/analyzers/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt`,  
`contrib/analyzers/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt`,  
`contrib/analyzers/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt`  
See <http://members.unine.ch/jacques.savoy/clef/index.html>.

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers  
(`common`) are based on BSD-licensed reference implementations created by Jacques Savoy and  
Ljiljana Dolamic. These files reside in:  
`contrib/analyzers/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java`  
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`contrib/analyzers/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java`  
`contrib/analyzers/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java`  
`contrib/analyzers/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java`  
`contrib/analyzers/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java`  
`contrib/analyzers/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java`  
`contrib/analyzers/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java`  
`contrib/analyzers/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java`  
`contrib/analyzers/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java`  
`contrib/analyzers/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java`

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and Edmond Nolan.

The Polish analyzer (contrib/analyzers) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in contrib/analyzers/stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt. See <http://project.carrot2.org/license.html>.

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#foreach ( $license in $project.licenses)
#if ( !($apacheTxt == $license.name) )
#set ( $artId = $project.artifact.artifactId)
#set ( $lf = $locator )
#set ( $url = $license.url )
## glass fish URL is now invalid, use a fixed one
#if ($url == "https://glassfish.dev.java.net/public/CDDLv1.0.html")
#set ( $url = 'https://glassfish.java.net/public/CDDLv1.0.html' )
#end
#if ($url)
#set ( $licFile = 'lib/' + $artId + '.license' )
#set ( $downloaded = $lf.getResourceAsFile($url, "licenses/${licFile}") )
#end

$project.name #if ($project.url)($project.url)#end $project.artifact
  License: $license.name #if ($url) $url ($licFile)#end

#end
#end
#end
```

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-->

<project>

<modelVersion>4.0.0</modelVersion>

<!--

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-->

<parent>

<groupId>org.apache.maven.its.mng3843</groupId>

<artifactId>parent-1</artifactId>

<version>0.1</version>

</parent>

<groupId>org.apache.maven.its.mng3843.child</groupId>

<artifactId>child-2</artifactId>

<version>0.2</version>

<packaging>jar</packaging>

<licenses>

<license>

<name>child-license</name>

<url><http://child.url/license></url>

<distribution>repo</distribution>

</license>

</licenses>

</project>

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-->

```
<project>
  <modelVersion>4.0.0</modelVersion>

  <groupId>org.apache.maven.its.mng3843</groupId>
  <artifactId>parent-1</artifactId>
  <version>0.1</version>
  <packaging>pom</packaging>

  <licenses>
    <license>
      <name>parent-license</name>
      <url>http://parent.url/license</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</project>
<?xml version="1.0" encoding="UTF-8"?>
```

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-->

```
<project>
  <modelVersion>4.0.0</modelVersion>
```

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<!--
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```
-->
```

```
<parent>
  <groupId>org.apache.maven.its.mng3843</groupId>
  <artifactId>parent-1</artifactId>
  <version>0.1</version>
</parent>
```

```
<groupId>org.apache.maven.its.mng3843.child</groupId>
<artifactId>child-2</artifactId>
<version>0.2</version>
<packaging>jar</packaging>
```

```
<contributors>
  <contributor>
    <name>child-contributor</name>
  </contributor>
</contributors>
```

```
</project>
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!--
```

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```
-->
```

```
<project>
<modelVersion>4.0.0</modelVersion>

<groupId>org.apache.maven.its.mng3843</groupId>
<artifactId>parent-1</artifactId>
<version>0.1</version>
<packaging>pom</packaging>

<contributors>
  <contributor>
    <name>parent-contributor</name>
  </contributor>
</contributors>
</project>
```

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# 2.276 Netty 3.8.1 :final

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\*/

```
#ifndef UV_BSD_H
```

```
#define UV_BSD_H
```

```
#define UV_PLATFORM_FS_EVENT_FIELDS
```

```
uv__io_t event_watcher;
```

```
#define UV_IO_PRIVATE_PLATFORM_FIELDS
```

```
int rcount;
```

```
int wcount;
```

```
#define UV_HAVE_KQUEUE 1
```

```
#endif /* UV_BSD_H */
```

The npm application

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// <https://bitbucket.org/lindenlab/lld>

// Modifications by Joshua Bell inexorabletash@gmail.com

```
// https://github.com/inexorabletash/polyfill

// ES3/ES5 implementation of the Khronos Typed Array Specification
// Ref: http://www.khronos.org/registry/typedarray/specs/latest/
// Date: 2011-02-01
//
// Variations:
// * Allows typed_array.get/set() as alias for subscripts (typed_array[])
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```

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```
var test = require('tap').test
var init = require('./')
var rimraf = require('rimraf')
var common = require('./lib/common')

test('license', function (t) {
  init(__dirname, "", {}, function (er, data) {
    if (er)
      throw er

    var wanted = {
      name: 'the-name',
      version: '1.0.0',
      description: "",
      scripts: { test: 'echo "Error: no test specified" && exit 1' },
      license: 'Apache-2.0',
      author: "",
      main: 'basic.js'
    }
  })
})
```

```

    console.log("")
    t.has(data, wanted)
    t.end()
  })
  common.drive([
    'the-name\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    '\n',
    'Apache\n',
    'Apache-2.0\n',
    'yes\n'
  ])
})

test('teardown', function (t) {
  rimraf(__dirname + '/package.json', t.end.bind(t))
})
Apache License

```

Version 2.0, January 2004

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wcwidth.js: JavaScript Porting of Markus Kuhn's wcwidth() Implementation

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[

"Glide",  
"Abstyles",  
"AFL-1.1",  
"AFL-1.2",  
"AFL-2.0",  
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"GPL-2.0-with-autoconf-exception",
"GPL-2.0-with-bison-exception",
"GPL-2.0-with-classpath-exception",
"GPL-2.0-with-font-exception",
"GPL-2.0-with-GCC-exception",
"GPL-3.0-with-autoconf-exception",
"GPL-3.0-with-GCC-exception",
"StandardML-NJ",
"WXwindows"
]
{
  "_args": [
    [
      "spdx-license-ids@^1.0.2",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct"
    ]
  ],
  "_from": "spdx-license-ids@>=1.0.2 <2.0.0",
  "_id": "spdx-license-ids@1.2.0",

```

```

    "_inCache": true,
    "_installable": true,
    "_location": "/validate-npm-package-license/spdx-correct/spdx-license-ids",
    "_nodeVersion": "5.4.0",
    "_npmUser": {
      "email": "snnskwtnb@gmail.com",
      "name": "shinnn"
    },
    "_npmVersion": "3.5.2",
    "_phantomChildren": {},
    "_requested": {
      "name": "spdx-license-ids",
      "raw": "spdx-license-ids@^1.0.2",
      "rawSpec": "^1.0.2",
      "scope": null,
      "spec": ">=1.0.2 <2.0.0",
      "type": "range"
    },
    "_requiredBy": [
      "/validate-npm-package-license/spdx-correct"
    ],
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    "author": {
      "name": "Shinnosuke Watanabe",
      "url": "https://github.com/shinnn"
    },
    "bugs": {
      "url": "https://github.com/shinnn/spdx-license-ids/issues"
    },
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    "devDependencies": {
      "@shinnn/eslintc": "^1.0.0",
      "each-async": "^1.1.1",
      "eslint": "^0.24.0",
      "got": "^3.3.0",
      "istanbul": "^0.3.17",
      "require-bower-files": "^2.0.0",
      "rimraf": "^2.4.1",
      "stringify-object": "^2.2.0",
      "tape": "^4.0.0"
    },
    "directories": {},
    "dist": {

```

```

"shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
"tarball": "http://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz"
},
"files": [
  "spdx-license-ids.json"
],
"gitHead": "f74a7a16ca05540e0e97f1bbb61da07829b5d9ab",
"homepage": "https://github.com/shinmn/spdx-license-ids#readme",
"keywords": [
  "array",
  "browser",
  "client-side",
  "id",
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  "identifiers",
  "json",
  "license",
  "licenses",
  "oss",
  "spdx"
],
"license": "Unlicense",
"main": "spdx-license-ids.json",
"maintainers": [
  {
    "name": "shinmn",
    "email": "snnskwtb@gmail.com"
  }
],
"name": "spdx-license-ids",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/shinmn/spdx-license-ids.git"
},
"scripts": {
  "build": "node --harmony_arrow_functions build.js",
  "coverage": "node --harmony_arrow_functions node_modules/.bin/istanbul cover test.js",
  "coveralls": "${npm_package_scripts_coverage} && istanbul-coveralls",
  "lint": "eslint --config node_modules/@shinmn/eslintrc/rc.json --ignore-path .gitignore .",
  "pretest": "${npm_package_scripts_build} && ${npm_package_scripts_lint}",
  "test": "node --harmony_arrow_functions test.js"
},
"version": "1.2.0"
}
# spdx-license-ids

```

A list of [SPDX license](https://spdx.org/licenses/) identifiers

[\*\*Download JSON\*\*](https://raw.githubusercontent.com/shinnn/spdx-license-ids/master/spdx-license-ids.json)

## Use as a JavaScript Library

[![NPM version](https://img.shields.io/npm/v/spdx-license-ids)](https://www.npmjs.org/package/spdx-license-ids)

[![Bower version](https://img.shields.io/bower/v/spdx-license-ids)](https://github.com/shinnn/spdx-license-ids/releases)

[![Build Status](https://travis-ci.org/shinnn/spdx-license-ids.svg?branch=master)](https://travis-ci.org/shinnn/spdx-license-ids)

[![Coverage Status](https://img.shields.io/coveralls/shinnn/spdx-license-ids.svg)](https://coveralls.io/r/shinnn/spdx-license-ids)

[![devDependency Status](https://david-dm.org/shinnn/spdx-license-ids/dev-status.svg)](https://david-dm.org/shinnn/spdx-license-ids#info=devDependencies)

### Installation

#### Package managers

##### [npm](https://www.npmjs.com/)

```
```sh
npm install spdx-license-ids
```
```

##### [bower](http://bower.io/)

```
```sh
bower install spdx-license-ids
```
```

##### [Duo](http://duojs.org/)

```
```javascript
const spdxLicenseIds = require('shinnn/spdx-license-ids');
```
```

#### Standalone

[Download the script file directly.](https://raw.githubusercontent.com/shinnn/spdx-license-ids/master/spdx-license-ids-browser.js)

### API

##### spdxLicenseIds

Type: `Array` of `String`

It returns an array of SPDX license identifiers.

```
```javascript
const spdxLicenseIds = require('spdx-license-ids'); //=> ['Glide', 'Abstyles', 'AFL-1.1', ... ]
```

## License

[The Unlicense](./LICENSE).
var licenseIDs = require('spdx-license-ids');

function valid(string) {
  return licenseIDs.indexOf(string) > -1;
}

// Common transpositions of license identifier acronyms
var transpositions = [
  ['APGL', 'AGPL'],
  ['Gpl', 'GPL'],
  ['GLP', 'GPL'],
  ['APL', 'Apache'],
  ['ISD', 'ISC'],
  ['GLP', 'GPL'],
  ['IST', 'ISC'],
  ['Claude', 'Clause'],
  [' or later', '+'],
  [' International', ''],
  ['GNU', 'GPL'],
  ['GUN', 'GPL'],
  ['+', ''],
  ['GNU GPL', 'GPL'],
  ['GNU/GPL', 'GPL'],
  ['GNU GLP', 'GPL'],
  ['GNU General Public License', 'GPL'],
  ['Gnu public license', 'GPL'],
  ['GNU Public License', 'GPL'],
  ['GNU GENERAL PUBLIC LICENSE', 'GPL'],
  ['MTI', 'MIT'],
  ['Mozilla Public License', 'MPL'],
  ['WTH', 'WTF'],
  ['-License', '']
];

var TRANSPOSED = 0;
var CORRECT = 1;
```

```

// Simple corrections to nearly valid identifiers.
var transforms = [
  // e.g. 'mit'
  function(argument) {
    return argument.toUpperCase();
  },
  // e.g. 'MIT '
  function(argument) {
    return argument.trim();
  },
  // e.g. 'M.I.T.'
  function(argument) {
    return argument.replace(/./g, "");
  },
  // e.g. 'Apache- 2.0'
  function(argument) {
    return argument.replace(/s+/g, "");
  },
  // e.g. 'CC BY 4.0'
  function(argument) {
    return argument.replace(/s+/g, '-');
  },
  // e.g. 'LGPLv2.1'
  function(argument) {
    return argument.replace('v', '-');
  },
  // e.g. 'Apache 2.0'
  function(argument) {
    return argument.replace(/,?\s*(\d)/, '-$1');
  },
  // e.g. 'GPL 2'
  function(argument) {
    return argument.replace(/,?\s*(\d)/, '-$1.0');
  },
  // e.g. 'Apache Version 2.0'
  function(argument) {
    return argument.replace(/,?\s*(V\.|v\.|V|v|Version|version)\s*(\d)/, '-$2');
  },
  // e.g. 'Apache Version 2'
  function(argument) {
    return argument.replace(/,?\s*(V\.|v\.|V|v|Version|version)\s*(\d)/, '-$2.0');
  },
  // e.g. 'ZLIB'
  function(argument) {
    return argument[0].toUpperCase() + argument.slice(1);
  },
  // e.g. 'MPL/2.0'
  function(argument) {

```

```

    return argument.replace('/', '-');
},
// e.g. 'Apache 2'
function(argument) {
    return argument
        .replace(/\s*\V\s*(\d)/, '-$1')
        .replace(/(\d)$/, '$1.0');
},
// e.g. 'GPL-2.0-'
function(argument) {
    return argument.slice(0, argument.length - 1);
},
// e.g. 'GPL2'
function(argument) {
    return argument.replace(/(\d)$/, '-$1.0');
},
// e.g. 'BSD 3'
function(argument) {
    return argument.replace(/(-)?(\d)$/, '-$2-Clause');
},
// e.g. 'BSD clause 3'
function(argument) {
    return argument.replace(/(-)clause(-)(\d)/, '-$3-Clause');
},
// e.g. 'BY-NC-4.0'
function(argument) {
    return 'CC-' + argument;
},
// e.g. 'BY-NC'
function(argument) {
    return 'CC-' + argument + '-4.0';
},
// e.g. 'Attribution-NonCommercial'
function(argument) {
    return argument
        .replace('Attribution', 'BY')
        .replace('NonCommercial', 'NC')
        .replace('NoDerivatives', 'ND')
        .replace(/ (\d)/, '-$1')
        .replace(/ ?International/, '');
},
// e.g. 'Attribution-NonCommercial'
function(argument) {
    return 'CC-' +
        argument
        .replace('Attribution', 'BY')
        .replace('NonCommercial', 'NC')
        .replace('NoDerivatives', 'ND')

```

```

        .replace(/ (\d)/, '-$1')
        .replace(/ ?International/, ") +
        '-4.0';
    }
];

// If all else fails, guess that strings containing certain substrings
// meant to identify certain licenses.
var lastResorts = [
    ['UNLI', 'Unlicense'],
    ['WTF', 'WTFPL'],
    ['2 CLAUSE', 'BSD-2-Clause'],
    ['2-CLAUSE', 'BSD-2-Clause'],
    ['3 CLAUSE', 'BSD-3-Clause'],
    ['3-CLAUSE', 'BSD-3-Clause'],
    ['AFFERO', 'AGPL-3.0'],
    ['AGPL', 'AGPL-3.0'],
    ['APACHE', 'Apache-2.0'],
    ['ARTISTIC', 'Artistic-2.0'],
    ['Affero', 'AGPL-3.0'],
    ['BEER', 'Beerware'],
    ['BOOST', 'BSL-1.0'],
    ['BSD', 'BSD-2-Clause'],
    ['ECLIPSE', 'EPL-1.0'],
    ['FUCK', 'WTFPL'],
    ['GNU', 'GPL-3.0'],
    ['LGPL', 'LGPL-3.0'],
    ['GPL', 'GPL-3.0'],
    ['MIT', 'MIT'],
    ['MPL', 'MPL-2.0'],
    ['X11', 'X11'],
    ['ZLIB', 'Zlib']
];

var SUBSTRING = 0;
var IDENTIFIER = 1;

var validTransformation = function(identifier) {
    for (var i = 0; i < transforms.length; i++) {
        var transformed = transforms[i](identifier);
        if (transformed !== identifier && valid(transformed)) {
            return transformed;
        }
    }
    return null;
};

var validLastResort = function(identifier) {

```



```

var upperCased = identifier.toUpperCase();
for (var i = 0; i < lastResorts.length; i++) {
  var lastResort = lastResorts[i];
  if (upperCased.indexOf(lastResort[SUBSTRING]) > -1) {
    return lastResort[IDENTIFIER];
  }
}
return null;
};

var anyCorrection = function(identifier, check) {
  for (var i = 0; i < transpositions.length; i++) {
    var transposition = transpositions[i];
    var transposed = transposition[TRANSPOSED];
    if (identifier.indexOf(transposed) > -1) {
      var corrected = identifier.replace(
        transposed,
        transposition[CORRECT]
      );
      var checked = check(corrected);
      if (checked !== null) {
        return checked;
      }
    }
  }
  return null;
};

module.exports = function(identifier) {
  identifier = identifier.replace(/^+$/, "");
  if (valid(identifier)) {
    return identifier;
  }
  var transformed = validTransformation(identifier);
  if (transformed !== null) {
    return transformed;
  }
  transformed = anyCorrection(identifier, function(argument) {
    if (valid(argument)) {
      return argument;
    }
  });
  return validTransformation(argument);
});
if (transformed !== null) {
  return transformed;
}
transformed = validLastResort(identifier);
if (transformed !== null) {

```

```

    return transformed;
  }
  transformed = anyCorrection(identifier, validLastResort);
  if (transformed !== null) {
    return transformed;
  }
  return null;
};
{
  "_args": [
    [
      "spdx-correct@~1.0.0",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license"
    ]
  ],
  "_from": "spdx-correct@>=1.0.0 <1.1.0",
  "_id": "spdx-correct@1.0.2",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-correct",
  "_nodeVersion": "4.2.1",
  "_npmUser": {
    "email": "kyle@kemitchell.com",
    "name": "kemitchell"
  },
  "_npmVersion": "3.3.6",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-correct",
    "raw": "spdx-correct@~1.0.0",
    "rawSpec": "~1.0.0",
    "scope": null,
    "spec": ">=1.0.0 <1.1.0",
    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license"
  ],
  "_resolved": "https://registry.npmjs.org/spdx-correct/-/spdx-correct-1.0.2.tgz",
  "_shasum": "4b3073d933ff51f3912f03ac5519498a4150db40",
  "_shrinkwrap": null,
  "_spec": "spdx-correct@~1.0.0",
  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license",
  "author": {
    "email": "kyle@kemitchell.com",
    "name": "Kyle E. Mitchell",
    "url": "https://kemitchell.com"
  },
}

```

```

"bugs": {
  "url": "https://github.com/kemitchell/spdx-correct.js/issues"
},
"dependencies": {
  "spdx-license-ids": "^1.0.2"
},
"description": "correct invalid SPDX identifiers",
"devDependencies": {
  "defence-cli": "^1.0.1",
  "replace-require-self": "^1.0.0",
  "spdx-expression-parse": "^1.0.0",
  "tape": "~4.0.0"
},
"directories": {},
"dist": {
  "shasum": "4b3073d933ff51f3912f03ac5519498a4150db40",
  "tarball": "http://registry.npmjs.org/spdx-correct/-/spdx-correct-1.0.2.tgz"
},
"gitHead": "8430a3ad521e1455208db33faafcb79c7b074236",
"homepage": "https://github.com/kemitchell/spdx-correct.js#readme",
"keywords": [
  "SPDX",
  "law",
  "legal",
  "license",
  "metadata"
],
"license": "Apache-2.0",
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  },
  {
    "name": "othiym23",
    "email": "ogd@aoaioxxysz.net"
  }
],
"name": "spdx-correct",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/kemitchell/spdx-correct.js.git"
},
"scripts": {
  "test": "defence README.md | replace-require-self | node && tape *.test.js"
},

```

```
"version": "1.0.2"
}
```javascript
var correct = require('spdx-correct');
var assert = require('assert');

assert.equal(correct('mit'), 'MIT')

assert.equal(correct('Apache 2'), 'Apache-2.0')

assert(correct('No idea what license') === null)
```
```

The MIT License

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```
[
  "389-exception",
  "Autoconf-exception-2.0",
  "Autoconf-exception-3.0",
  "Bison-exception-2.2",
  "CLISP-exception-2.0",
  "Classpath-exception-2.0",
  "FLTK-exception",
  "FLTK-exception-2.0",
  "Font-exception-2.0",
  "GCC-exception-2.0",
  "GCC-exception-3.1",
  "LZMA-exception",
  "Libtool-exception",
```

```

"Nokia-Qt-exception-1.1",
"Qwt-exception-1.0",
"WxWindows-exception-3.1",
"eCos-exception-2.0",
"freertos-exception-2.0",
"gnu-javamail-exception",
"i2p-gpl-java-exception",
"mif-exception",
"u-boot-exception-2.0"
]
{
  "_args": [
    [
      "spdx-exceptions@^1.0.4",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse"
    ]
  ],
  "_from": "spdx-exceptions@>=1.0.4 <2.0.0",
  "_id": "spdx-exceptions@1.0.4",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-expression-parse/spdx-exceptions",
  "_nodeVersion": "5.0.0",
  "_npmUser": {
    "email": "kyle@kemitchell.com",
    "name": "kemitchell"
  },
  "_npmVersion": "3.3.6",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-exceptions",
    "raw": "spdx-exceptions@^1.0.4",
    "rawSpec": "^1.0.4",
    "scope": null,
    "spec": ">=1.0.4 <2.0.0",
    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license/spdx-expression-parse"
  ],
  "_resolved": "https://registry.npmjs.org/spdx-exceptions/-/spdx-exceptions-1.0.4.tgz",
  "_shasum": "220b84239119ae9045a892db81a83f4ce16f80fd",
  "_shrinkwrap": null,
  "_spec": "spdx-exceptions@^1.0.4",
  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse",
  "author": {
    "name": "The Linux Foundation"
  }
}

```

```

},
"bugs": {
  "url": "https://github.com/kemitchell/spdx-exceptions.json/issues"
},
"contributors": [
  {
    "name": "Kyle E. Mitchell",
    "email": "kyle@kemitchell.com",
    "url": "https://kemitchell.com/"
  }
],
"dependencies": {},
"description": "list of SPDX standard license exceptions",
"devDependencies": {},
"directories": {},
"dist": {
  "shasum": "220b84239119ae9045a892db81a83f4ce16f80fd",
  "tarball": "http://registry.npmjs.org/spdx-exceptions/-/spdx-exceptions-1.0.4.tgz"
},
"gitHead": "770316d6c946417ab6efa8533b82d0b61779092b",
"homepage": "https://github.com/kemitchell/spdx-exceptions.json#readme",
"license": "CC-BY-3.0",
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  }
],
"name": "spdx-exceptions",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/kemitchell/spdx-exceptions.json.git"
},
"scripts": {},
"version": "1.0.4"
}

```

The package exports an array of strings.

```

{
  "_args": [
    [
      "spdx-license-ids@^1.0.0",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse"
    ],
    [
      "spdx-license-ids@^1.0.2",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct"
    ]
  ]
}

```

```

]
],
"_from": "spdx-license-ids@>=1.0.0 <2.0.0",
"_id": "spdx-license-ids@1.2.0",
"_inCache": true,
"_installable": true,
"_location": "/validate-npm-package-license/spdx-expression-parse/spdx-license-ids",
"_nodeVersion": "5.4.0",
"_npmUser": {
  "email": "snnskwtnb@gmail.com",
  "name": "shinnn"
},
"_npmVersion": "3.5.2",
"_phantomChildren": {},
"_requested": {
  "name": "spdx-license-ids",
  "raw": "spdx-license-ids@^1.0.0",
  "rawSpec": "^1.0.0",
  "scope": null,
  "spec": ">=1.0.0 <2.0.0",
  "type": "range"
},
"_requiredBy": [
  "/validate-npm-package-license/spdx-expression-parse"
],
"_shrinkwrap": null,
"_spec": "spdx-license-ids@^1.0.0",
"_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-
parse",
"author": {
  "name": "Shinnosuke Watanabe",
  "url": "https://github.com/shinnn"
},
"bugs": {
  "url": "https://github.com/shinnn/spdx-license-ids/issues"
},
"dependencies": {},
"description": "A list of SPDX license identifiers",
"devDependencies": {
  "@shinnn/eslintrc": "^1.0.0",
  "each-async": "^1.1.1",
  "eslint": "^0.24.0",
  "got": "^3.3.0",
  "istanbul": "^0.3.17",
  "require-bower-files": "^2.0.0",
  "rimraf": "^2.4.1",
  "stringify-object": "^2.2.0",
  "tape": "^4.0.0"
}

```

```

},
"directories": {},
"dist": {
  "shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
  "tarball": "http://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz"
},
"files": [
  "spdx-license-ids.json"
],
"gitHead": "f74a7a16ca05540e0e97f1bbb61da07829b5d9ab",
"homepage": "https://github.com/shinmn/spdx-license-ids#readme",
"keywords": [
  "array",
  "browser",
  "client-side",
  "id",
  "identifier",
  "identifiers",
  "json",
  "license",
  "licenses",
  "oss",
  "spdx"
],
"license": "Unlicense",
"main": "spdx-license-ids.json",
"maintainers": [
  {
    "name": "shinmn",
    "email": "snnskwtb@gmail.com"
  }
],
"name": "spdx-license-ids",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/shinmn/spdx-license-ids.git"
},
"scripts": {
  "build": "node --harmony_arrow_functions build.js",
  "coverage": "node --harmony_arrow_functions node_modules/.bin/istanbul cover test.js",
  "coveralls": "${npm_package_scripts_coverage} && istanbul-coveralls",
  "lint": "eslint --config node_modules/@shinmn/eslintrc/rc.json --ignore-path .gitignore .",
  "pretest": "${npm_package_scripts_build} && ${npm_package_scripts_lint}",
  "test": "node --harmony_arrow_functions test.js"
},
"version": "1.2.0"

```



```

}
var parser = require('./parser.generated.js').parser

module.exports = function(argument) {
  return parser.parse(argument) }
{
  "_args": [
    [
      "spdx-expression-parse@~1.0.0",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license"
    ]
  ],
  "_from": "spdx-expression-parse@>=1.0.0 <1.1.0",
  "_id": "spdx-expression-parse@1.0.2",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-expression-parse",
  "_nodeVersion": "5.0.0",
  "_npmUser": {
    "email": "kyle@kemitchell.com",
    "name": "kemitchell"
  },
  "_npmVersion": "3.3.6",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-expression-parse",
    "raw": "spdx-expression-parse@~1.0.0",
    "rawSpec": "~1.0.0",
    "scope": null,
    "spec": ">=1.0.0 <1.1.0",
    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license"
  ],
  "_resolved": "https://registry.npmjs.org/spdx-expression-parse/-/spdx-expression-parse-1.0.2.tgz",
  "_shasum": "d52b14b5e9670771440af225bc563122ac452f6",
  "_shrinkwrap": null,
  "_spec": "spdx-expression-parse@~1.0.0",
  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license",
  "author": {
    "email": "kyle@kemitchell.com",
    "name": "Kyle E. Mitchell",
    "url": "http://kemitchell.com"
  },
  "bugs": {
    "url": "https://github.com/kemitchell/spdx-expression-parse.js/issues"
  },
}

```

```

"dependencies": {
  "spdx-exceptions": "^1.0.4",
  "spdx-license-ids": "^1.0.0"
},
"description": "parse SPDX license expressions",
"devDependencies": {
  "defence-cli": "^1.0.1",
  "jison": "^0.4.15",
  "replace-require-self": "^1.0.0",
  "uglify-js": "^2.4.24"
},
"directories": {},
"dist": {
  "shasum": "d52b14b5e9670771440af225bcb563122ac452f6",
  "tarball": "http://registry.npmjs.org/spdx-expression-parse/-/spdx-expression-parse-1.0.2.tgz"
},
"gitHead": "ffe2fa7272ebf640b18286fc561f17a844d4f06b",
"homepage": "https://github.com/kemitchell/spdx-expression-parse.js#readme",
"keywords": [
  "SPDX",
  "law",
  "legal",
  "license",
  "metadata",
  "package",
  "package.json",
  "standards"
],
"license": "(MIT AND CC-BY-3.0)",
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  }
],
"name": "spdx-expression-parse",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/kemitchell/spdx-expression-parse.js.git"
},
"scripts": {
  "prepublish": "node generate-parser.js | uglifyjs > parser.generated.js",
  "pretest": "npm run prepublish",
  "test": "defence -i javascript README.md | replace-require-self | node"
},
"version": "1.0.2"

```

```

}
```javascript
var parse = require('spdx-expression-parse')
var assert = require('assert')

var firstAST = {
  left: { license: 'LGPL-2.1' },
  conjunction: 'or',
  right: {
    left: { license: 'BSD-3-Clause' },
    conjunction: 'and',
    right: { license: 'MIT' } } }

assert.deepEqual(
  parse('(LGPL-2.1 OR BSD-3-Clause AND MIT)'),
  firstAST)

var secondAST = {
  left: { license: 'MIT' },
  conjunction: 'and',
  right: {
    left: {
      license: 'LGPL-2.1',
      plus: true },
    conjunction: 'and',
    right: { license: 'BSD-3-Clause' } } }

assert.deepEqual(
  parse('(MIT AND (LGPL-2.1+ AND BSD-3-Clause))'),
  secondAST)

// We handle all the bare SPDX license and exception ids as well.
require('spdx-license-ids').forEach(function(id) {
  assert.deepEqual(
    parse(id),
    { license: id })
  require('spdx-exceptions').forEach(function(e) {
    assert.deepEqual(
      parse(id + ' WITH ' + e),
      { license: id, exception: e } ) }) })
```

```

[The Software Package Data Exchange (SPDX) specification](<http://spdx.org>) is the work of the [Linux Foundation](<http://www.linuxfoundation.org>) and its contributors, and is licensed under the terms of [the Creative Commons Attribution License 3.0 Unported (SPDX: "CC-BY-3.0")](<http://spdx.org/licenses/CC-BY-3.0>). "SPDX" is a United States federally registered trademark of the Linux Foundation.

```

var spdparse=function(){var o=function(k,v,o,l){for(o=o||{} ,l=k.length;l-->0;k[l]=v);return
o},$V0=[1,5],$V1=[1,6],$V2=[1,7],$V3=[1,4],$V4=[1,9],$V5=[1,10],$V6=[5,14,15,17],$V7=[5,12,14,15,17];var
parser={trace:function
trace(){},yy:{},symbols_: {error:2,start:3,expression:4,EOS:5,simpleExpression:6,LICENSE:7,PLUS:8,LICENSER
EF:9,DOCUMENTREF:10,COLON:11,WITH:12,EXCEPTION:13,AND:14,OR:15,OPEN:16,CLOSE:17,$accept:0
,$end:1},terminals_: {2:"error",5:"EOS",7:"LICENSE",8:"PLUS",9:"LICENSEREF",10:"DOCUMENTREF",11:"C
OLON",12:"WITH",13:"EXCEPTION",14:"AND",15:"OR",16:"OPEN",17:"CLOSE"},productions_: [0,[3,2],[6,1],[
6,2],[6,1],[6,3],[4,1],[4,3],[4,3],[4,3],[4,3]],performAction:function
anonymous(yytext,yyleng,yylineno,yy,yystate,$$_$){var $0=$$.length-1;switch(yystate){case 1:return
this.$=$$[$0-1];break;case 2:case 4:case 5:this.$={license:yytext};break;case 3:this.$={license:$[$0-
1],plus:true};break;case 6:this.$=$$[$0];break;case 7:this.$={exception:$[$0]};this$.license=$$[$0-
2].license;if($$[$0-2].hasOwnProperty("plus")){this$.plus=$$[$0-2].plus}break;case
8:this.$={conjunction:"and",left:$[$0-2],right:$[$0]};break;case 9:this.$={conjunction:"or",left:$[$0-
2],right:$[$0]};break;case 10:this.$=$$[$0-
1];break}},table:[{3:1,4:2,6:3,7:$V0,9:$V1,10:$V2,16:$V3},{1:[3]},{5:[1,8],14:$V4,15:$V5},o($V6,[2,6]},{12:[1,1
1]}),{4:12,6:3,7:$V0,9:$V1,10:$V2,16:$V3},o($V7,[2,2]},{8:[1,13]}),o($V7,[2,4]},{11:[1,14]},{1:[2,1]},{4:15,6:3,7
:$V0,9:$V1,10:$V2,16:$V3},{4:16,6:3,7:$V0,9:$V1,10:$V2,16:$V3},{13:[1,17]},{14:$V4,15:$V5,17:[1,18]},o($
V7,[2,3]},{9:[1,19]},o($V6,[2,8]),o([5,15,17],[2,9]},{14:$V4}),o($V6,[2,7]),o($V6,[2,10]),o($V7,[2,5])],defaultActi
ons:{8:[2,1]},parseError:function parseError(str,hash){if(hash.recoverable){this.trace(str)}else{throw new
Error(str)}},parse:function parse(input){var
self=this,stack=[0],tstack=[],vstack=[null],lstack=[],table=this.table,yytext="",yylineno=0,yyleng=0,recovering=0,T
ERROR=2,EOF=1;var args=lstack.slice.call(arguments,1);var lexer=Object.create(this.lexer);var
sharedState={yy:{}};for(var k in
this.yy){if(Object.prototype.hasOwnProperty.call(this.yy,k)){sharedState.yy[k]=this.yy[k]}}lexer.setInput(input,sha
redState.yy);sharedState.yy.lexer=lexer;sharedState.yy.parser=this;if(typeof
lexer.yylloc=="undefined"){lexer.yylloc={}}var yyloc=lexer.yylloc;lstack.push(yyloc);var
ranges=lexer.options&&lexer.options.ranges;if(typeof
sharedState.yy.parseError=="function"){this.parseError=sharedState.yy.parseError}else{this.parseError=Object.ge
tPrototypeOf(this).parseError}function popStack(n){stack.length=stack.length-2*n;vstack.length=vstack.length-
n;lstack.length=lstack.length-n}_token_stack:function lex(){var token;token=lexer.lex()||EOF;if(typeof
token!="number"){token=self.symbols_[token]||token}return token}var
symbol,preErrorSymbol,state,action,a,r,yyval={},p,len,newState,expected;while(true){state=stack[stack.length-
1];if(this.defaultActions[state]){action=this.defaultActions[state]}else{if(symbol===null||typeof
symbol=="undefined"){symbol=lex()}action=table[state]&&table[state][symbol]}if(typeof
action=="undefined"||!action.length||!action[0]){var errStr="";expected=[];for(p in
table[state]){if(this.terminals_[p]&&p>TERROR){expected.push(""+this.terminals_[p]+"")}}if(lexer.showPosition
){errStr="Parse error on line "+(yylineno+1)+"\n"+lexer.showPosition()+"\nExpecting "+expected.join(",")+", got
"+(this.terminals_[symbol]||symbol)+""}else{errStr="Parse error on line "+(yylineno+1)+"\n: Unexpected
"+(symbol==EOF?"end of
input":""+(this.terminals_[symbol]||symbol)+""))}this.parseError(errStr,{text:lexer.match,token:this.terminals_[sym
bol]||symbol,line:lexer.yylineno,loc:yyloc,expected:expected})}if(action[0]instanceof
Array&&action.length>1){throw new Error("Parse Error: multiple actions possible at state: "+state+", token:
"+symbol)}switch(action[0]){case
1:stack.push(symbol);vstack.push(lexer.yytext);lstack.push(lexer.yylloc);stack.push(action[1]);symbol=null;if(!preE
rrorSymbol){yyleng=lexer.yyleng;yytext=lexer.yytext;yylineno=lexer.yylineno;yyloc=lexer.yylloc;if(recovering>0)
{recovering--}}else{symbol=preErrorSymbol;preErrorSymbol=null}break;case
2:len=this.productions_[action[1]][1];yyval.$=vstack[vstack.length-len];yyval._$={first_line:lstack[lstack.length-
(len|1)].first_line,last_line:lstack[lstack.length-1].last_line,first_column:lstack[lstack.length-

```

```

(len||1)].first_column,last_column:lstack[lstack.length-
1].last_column};if(ranges){yyval._$.range=[lstack[lstack.length-(len||1)].range[0],lstack[lstack.length-
1].range[1]]}r=this.performAction.apply(yyval,[yytext,yytext.length,yylineno,sharedState.yy.action[1],vstack,lstack].conc
at(args));if(typeof r!="undefined"){return r}if(len){stack=stack.slice(0,-1*len*2);vstack=vstack.slice(0,-
1*len);lstack=lstack.slice(0,-
1*len)}stack.push(this.productions[_action[1]][0]);vstack.push(yyval.$);lstack.push(yyval._$);newState=table[stack
[stack.length-2]][stack[stack.length-1]];stack.push(newState);break;case 3:return true}return true}};var
lexer=function(){var lexer={EOF:1,parseError:function
parseError(str,hash){if(this.yy.parser){this.yy.parser.parseError(str,hash)}else{throw new
Error(str)}}},setInput:function(input,yy){this.yy=yy||this.yy||{};this._input=input;this._more=this._backtrack=this.do
ne=false;this.yylineno=this.yytext=this.matched=this.match="";this.conditionStack=["INITIAL"];this.
yylloc={first_line:1,first_column:0,last_line:1,last_column:0};if(this.options.ranges){this.yylloc.range=[0,0]}this.of
fset=0;return this},input:function(){var
ch=this._input[0];this.yytext+=ch;this.yyleng++;this.offset++;this.match+=ch;this.matched+=ch;var
lines=ch.match(/(?:\r\n?|\n).*/g);if(lines){this.yylineno++;this.yylloc.last_line++}else{this.yylloc.last_column++}if(
this.options.ranges){this.yylloc.range[1]++}this._input=this._input.slice(1);return ch},unput:function(ch){var
len=ch.length;var
lines=ch.split(/(?:\r\n?|\n)/g);this._input=ch+this._input;this.yytext=this.yytext.substr(0,this.yytext.length-
len);this.offset-=len;var oldLines=this.match.split(/(?:\r\n?|\n)/g);this.match=this.match.substr(0,this.match.length-
1);this.matched=this.matched.substr(0,this.matched.length-1);if(lines.length-1){this.yylineno-=lines.length-1}var
r=this.yylloc.range;this.yylloc={first_line:this.yylloc.first_line,last_line:this.yylineno+1,first_column:this.yylloc.firs
t_column,last_column:lines?(lines.length===oldLines.length?this.yylloc.first_column:0)+oldLines[oldLines.length-
lines.length].length-lines[0].length:this.yylloc.first_column-
len};if(this.options.ranges){this.yylloc.range=[r[0],r[0]+this.yyleng-len]}this.yyleng=this.yytext.length;return
this},more:function(){this._more=true;return
this},reject:function(){if(this.options.backtrack_lexer){this._backtrack=true}else{return this.parseError("Lexical
error on line "+(this.yylineno+1)+" . You can only invoke reject() in the lexer when the lexer is of the backtracking
persuasion (options.backtrack_lexer = true).\n"+this.showPosition(),{text:"",token:null,line:this.yylineno})}return
this},less:function(n){this.unput(this.match.slice(n))},pastInput:function(){var
past=this.matched.substr(0,this.matched.length-this.match.length);return(past.length>20?"...":"")+past.substr(-
20).replace(/\n/g,"")},upcomingInput:function(){var
next=this.match;if(next.length<20){next+=this._input.substr(0,20-
next.length)}return(next.substr(0,20)+(next.length>20?"...":"")).replace(/\n/g,"")},showPosition:function(){var
pre=this.pastInput();var c=new Array(pre.length+1).join("-");return
pre+this.upcomingInput()+"\n"+c+"^"},test_match:function(match,indexed_rule){var
token,lines,backup;if(this.options.backtrack_lexer){backup={yylineno:this.yylineno,yylloc:{first_line:this.yylloc.fir
st_line,last_line:this.last_line,first_column:this.yylloc.first_column,last_column:this.yylloc.last_column},yytext:this
.yytext,match:this.match,matches:this.matches,matched:this.matched,yyleng:this.yyleng,offset:this.offset,_more:this
._more,_input:this._input,yy:this.yy,conditionStack:this.conditionStack.slice(0),done:this.done};if(this.options.rang
e){backup.yylloc.range=this.yylloc.range.slice(0)}lines=match[0].match(/(?:\r\n?|\n).*/g);if(lines){this.yylineno+=l
ines.length}this.yylloc={first_line:this.yylloc.last_line,last_line:this.yylineno+1,first_column:this.yylloc.last_colum
n,last_column:lines?lines[lines.length-1].length-lines[lines.length-
1].match(/r?\n?/)[0].length:this.yylloc.last_column+match[0].length};this.yytext+=match[0];this.match+=match[0];
this.matches=match;this.yyleng=this.yytext.length;if(this.options.ranges){this.yylloc.range=[this.offset,this.offset+=
this.yyleng]}this._more=false;this._backtrack=false;this._input=this._input.slice(match[0].length);this.matched+=m
atch[0];token=this.performAction.call(this,this.yy,this,indexed_rule,this.conditionStack[this.conditionStack.length-
1]);if(this.done&&this._input){this.done=false}if(token){return token}else if(this._backtrack){for(var k in
backup){this[k]=backup[k]}return false}return false},next:function(){if(this.done){return

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this.EOF}if(!this._input){this.done=true}var
token,match,tempMatch,index;if(!this._more){this.yytext="";this.match=""}var rules=this._currentRules();for(var
i=0;i<rules.length;i++){tempMatch=this._input.match(this.rules[rules[i]]);if(tempMatch&&(!match||tempMatch[0].l
ength>match[0].length)){match=tempMatch;index=i;if(this.options.backtrack_lexer){token=this.test_match(tempM
atch,rules[i]);if(token!==false){return token}else if(this._backtrack){match=false;continue}else{return false}}else
if(!this.options.flex){break}}if(match){token=this.test_match(match,rules[index]);if(token!==false){return
token}return false}if(this._input==="){return this.EOF}else{return this.parseError("Lexical error on line
"+(this.yylino+1)+" . Unrecognized
text.\n"+this.showPosition(),{text:"",token:null,line:this.yylino})}},lex:function lex(){var
r=this.next();if(r){return r}else{return this.lex()}},begin:function
begin(condition){this.conditionStack.push(condition)},popState:function popState(){var
n=this.conditionStack.length-1;if(n>0){return this.conditionStack.pop()}else{return
this.conditionStack[0]}},_currentRules:function
_currentRules(){if(this.conditionStack.length&&this.conditionStack[this.conditionStack.length-1]){return
this.conditions[this.conditionStack[this.conditionStack.length-1]].rules}else{return
this.conditions["INITIAL"].rules}},topState:function topState(n){n=this.conditionStack.length-1-
Math.abs(n||0);if(n>=0){return this.conditionStack[n]}else{return"INITIAL"}},pushState:function
pushState(condition){this.begin(condition)},stateStackSize:function stateStackSize(){return
this.conditionStack.length},options:{},performAction:function
anonymous(yy,yy_,$avoiding_name_collisions,YY_START){var
YYSTATE=YY_START;switch($avoiding_name_collisions){case 0:return 5;break;case 1:break;case 2:return
8;break;case 3:return 16;break;case 4:return 17;break;case 5:return 11;break;case 6:return 10;break;case 7:return
9;break;case 8:return 14;break;case 9:return 15;break;case 10:return 12;break;case 11:return 7;break;case 12:return
7;break;case 13:return 7;break;case 14:return 13;break;case 15:return 13;break;case 16:return 13;break;case
17:return 13;break;case 18:return 13;break;case 19:return 13;break;case 20:return 13;break;case 21:return
13;break;case 22:return 7;break;case 23:return 7;break;case 24:return 13;break;case 25:return 13;break;case
26:return 13;break;case 27:return 7;break;case 28:return 13;break;case 29:return 13;break;case 30:return
13;break;case 31:return 7;break;case 32:return 7;break;case 33:return 13;break;case 34:return 13;break;case
35:return 13;break;case 36:return 7;break;case 37:return 13;break;case 38:return 7;break;case 39:return 7;break;case
40:return 7;break;case 41:return 7;break;case 42:return 7;break;case 43:return 7;break;case 44:return 7;break;case
45:return 7;break;case 46:return 7;break;case 47:return 7;break;case 48:return 7;break;case 49:return 7;break;case
50:return 7;break;case 51:return 13;break;case 52:return 7;break;case 53:return 7;break;case 54:return 7;break;case
55:return 13;break;case 56:return 7;break;case 57:return 7;break;case 58:return 7;break;case 59:return 13;break;case
60:return 7;break;case 61:return 13;break;case 62:return 7;break;case 63:return 7;break;case 64:return 7;break;case
65:return 7;break;case 66:return 7;break;case 67:return 7;break;case 68:return 7;break;case 69:return 7;break;case
70:return 7;break;case 71:return 7;break;case 72:return 7;break;case 73:return 7;break;case 74:return 7;break;case
75:return 7;break;case 76:return 7;break;case 77:return 7;break;case 78:return 7;break;case 79:return 7;break;case
80:return 7;break;case 81:return 7;break;case 82:return 7;break;case 83:return 7;break;case 84:return 7;break;case
85:return 7;break;case 86:return 7;break;case 87:return 7;break;case 88:return 7;break;case 89:return 7;break;case
90:return 7;break;case 91:return 7;break;case 92:return 7;break;case 93:return 7;break;case 94:return 7;break;case
95:return 7;break;case 96:return 7;break;case 97:return 7;break;case 98:return 7;break;case 99:return 7;break;case
100:return 7;break;case 101:return 7;break;case 102:return 7;break;case 103:return 7;break;case 104:return
7;break;case 105:return 7;break;case 106:return 7;break;case 107:return 7;break;case 108:return 7;break;case
109:return 7;break;case 110:return 7;break;case 111:return 7;break;case 112:return 7;break;case 113:return
7;break;case 114:return 7;break;case 115:return 7;break;case 116:return 7;break;case 117:return 7;break;case
118:return 7;break;case 119:return 7;break;case 120:return 7;break;case 121:return 7;break;case 122:return
7;break;case 123:return 7;break;case 124:return 7;break;case 125:return 7;break;case 126:return 7;break;case
127:return 7;break;case 128:return 7;break;case 129:return 7;break;case 130:return 7;break;case 131:return

```



exception)/,^(?:CNRI-Python-GPL-Compatible)/,^(?:BSD-3-Clause-Attribution)/,^(?:WxWindows-exception-3\1)/,^(?:Classpath-exception-2\0)/,^(?:gnu-javamail-exception)/,^(?:freertos-exception-2\0)/,^(?:i2p-gpl-java-exception)/,^(?:Autoconf-exception-2\0)/,^(?:Nokia-Qt-exception-1\1)/,^(?:Autoconf-exception-3\0)/,^(?:zlib-acknowledgement)/,^(?:BSD-2-Clause-FreeBSD)/,^(?:u-boot-exception-2\0)/,^(?:Bison-exception-2\2)/,^(?:CLISP-exception-2\0)/,^(?:BSD-2-Clause-NetBSD)/,^(?:FLTK-exception-2\0)/,^(?:eCos-exception-2\0)/,^(?:Font-exception-2\0)/,^(?:BSD-3-Clause-Clear)/,^(?:BSD-3-Clause-LBNL)/,^(?:GCC-exception-3\1)/,^(?:Qwt-exception-1\0)/,^(?:GCC-exception-2\0)/,^(?:Artistic-1\0-Perl)/,^(?:Libtool-exception)/,^(?:Artistic-1\0-cl8)/,^(?:CC-BY-NC-SA-4\0)/,^(?:CC-BY-NC-SA-1\0)/,^(?:CC-BY-NC-ND-4\0)/,^(?:CC-BY-NC-SA-3\0)/,^(?:CC-BY-NC-ND-3\0)/,^(?:CC-BY-NC-SA-2\5)/,^(?:CC-BY-NC-ND-2\0)/,^(?:CC-BY-NC-ND-1\0)/,^(?:CC-BY-NC-SA-2\0)/,^(?:MIT-advertising)/,^(?:BSD-4-Clause-UC)/,^(?:CC-BY-NC-ND-2\5)/,^(?:FLTK-exception)/,^(?:SugarCRM-1\1\3)/,^(?:CrystalStacker)/,^(?:BSD-Protection)/,^(?:LZMA-exception)/,^(?:BitTorrent-1\1)/,^(?:BitTorrent-1\0)/,^(?:Frameworkx-1\0)/,^(?:mif-exception)/,^(?:Interbase-1\0)/,^(?:389-exception)/,^(?:HaskellReport)/,^(?:CC-BY-NC-3\0)/,^(?:CC-BY-ND-4\0)/,^(?:CC-BY-NC-1\0)/,^(?:CC-BY-NC-2\0)/,^(?:CC-BY-NC-2\5)/,^(?:CC-BY-SA-4\0)/,^(?:CC-BY-NC-4\0)/,^(?:W3C-19980720)/,^(?:BSD-4-Clause)/,^(?:Artistic-1\0)/,^(?:BSD-3-Clause)/,^(?:CC-BY-ND-1\0)/,^(?:BSD-2-Clause)/,^(?:CC-BY-ND-2\0)/,^(?:CC-BY-ND-2\5)/,^(?:CC-BY-ND-3\0)/,^(?:Artistic-2\0)/,^(?:CC-BY-SA-1\0)/,^(?:CC-BY-SA-2\0)/,^(?:CC-BY-SA-2\5)/,^(?:CC-BY-SA-3\0)/,^(?:XFree86-1\1)/,^(?:OLDAP-2\0\1)/,^(?:bzip2-1\0\6)/,^(?:OLDAP-2\2\1)/,^(?:ImageMagick)/,^(?:Unicode-TOU)/,^(?:Adobe-Glyph)/,^(?:CUA-OPL-1\0)/,^(?:CNRI-Jython)/,^(?:CNRI-Python)/,^(?:bzip2-1\0\5)/,^(?:OLDAP-2\2\2)/,^(?:PostgreSQL)/,^(?:Apache-1\1)/,^(?:CECILL-1\0)/,^(?:Apache-2\0)/,^(?:Zimbra-1\4)/,^(?:CECILL-1\1)/,^(?:Zimbra-1\3)/,^(?:Adobe-2006)/,^(?:JasPer-2\0)/,^(?:CECILL-2\0)/,^(?:TORQUE-1\1)/,^(?:CECILL-2\1)/,^(?:Watcom-1\0)/,^(?:Intel-ACPI)/,^(?:ClArtistic)/,^(?:Spencer-99)/,^(?:Condor-1\1)/,^(?:Spencer-94)/,^(?:gSOAP-1\3b)/,^(?:EUDatagrid)/,^(?:Spencer-86)/,^(?:Python-2\0)/,^(?:RHeCos-1\1)/,^(?:CATOSL-1\1)/,^(?:Apache-1\0)/,^(?:FreeImage)/,^(?:SGI-B-1\1)/,^(?:SGI-B-1\0)/,^(?:SimPL-2\0)/,^(?:Sleepycat)/,^(?:Crossword)/,^(?:EriPL-1\1)/,^(?:CPOL-1\02)/,^(?:OLDAP-2\8)/,^(?:OLDAP-2\7)/,^(?:OLDAP-2\6)/,^(?:CC-BY-1\0)/,^(?:OLDAP-2\5)/,^(?:OLDAP-2\4)/,^(?:OLDAP-2\3)/,^(?:SISSL-1\2)/,^(?:Unlicense)/,^(?:SGI-B-2\0)/,^(?:OLDAP-2\2)/,^(?:OLDAP-2\1)/,^(?:CC-BY-2\5)/,^(?:D-FSL-1\0)/,^(?:LPPL-1\3a)/,^(?:LPPL-1\3c)/,^(?:OLDAP-2\0)/,^(?:CC-BY-3\0)/,^(?:Leptonica)/,^(?:OLDAP-1\4)/,^(?:OLDAP-1\3)/,^(?:OLDAP-1\2)/,^(?:OLDAP-1\1)/,^(?:MakeIndex)/,^(?:CC-BY-4\0)/,^(?:NPOSL-3\0)/,^(?:CC-BY-2\0)/,^(?:PHP-3\01)/,^(?:ANTLR-PD)/,^(?:APSL-1\0)/,^(?:MIT-enna)/,^(?:IBM-pibs)/,^(?:APSL-1\1)/,^(?:APSL-1\2)/,^(?:Beerware)/,^(?:EUPL-1\0)/,^(?:EUPL-1\1)/,^(?:diffmark)/,^(?:CDDL-1\0)/,^(?:Zend-2\0)/,^(?:CDDL-1\1)/,^(?:CPAL-1\0)/,^(?:APSL-2\0)/,^(?:LPPL-1\0)/,^(?:AGPL-1\0)/,^(?:Giftware)/,^(?:Abstyles)/,^(?:LPPL-1\1)/,^(?:LPPL-1\2)/,^(?:Sendmail)/,^(?:CECILL-B)/,^(?:AGPL-3\0)/,^(?:GFDL-1\1)/,^(?:GFDL-1\2)/,^(?:GFDL-1\3)/,^(?:RPSL-1\0)/,^(?:LPPL-1\02)/,^(?:CECILL-C)/,^(?:Afmparse)/,^(?:LGPL-2\1)/,^(?:PDDL-1\0)/,^(?:ODbL-1\0)/,^(?:OCLC-2\0)/,^(?:LGPL-3\0)/,^(?:Newsletr)/,^(?:Motosoto)/,^(?:NBPL-1\0)/,^(?:NASA-1\3)/,^(?:LGPL-2\0)/,^(?:FSFULLR)/,^(?:MPL-2\0)/,^(?:Multics)/,^(?:AFL-1\1)/,^(?:MPL-1\1)/,^(?:AFL-1\2)/,^(?:MPL-1\0)/,^(?:AFL-2\0)/,^(?:AFL-2\1)/,^(?:AFL-3\0)/,^(?:NPL-1\0)/,^(?:NPL-1\1)/,^(?:APL-1\0)/,^(?:Aladdin)/,^(?:AMDPLPA)/,^(?:BSL-1\0)/,^(?:Borceux)/,^(?:Caldera)/,^(?:MIT-CMU)/,^(?:CPL-1\0)/,^(?:ZPL-2\1)/,^(?:ZPL-2\0)/,^(?:ZPL-1\1)/,^(?:CC0-1\0)/,^(?:YPL-1\1)/,^(?:LPL-1\0)/,^(?:libtiff)/,^(?:YPL-1\0)/,^(?:Dotseqn)/,^(?:Latex2e)/,^(?:VSL-1\0)/,^(?:VOSTROM)/,^(?:UPL-1\0)/,^(?:dviptdfm)/,^(?:EPL-1\0)/,^(?:ECL-1\0)/,^(?:ECL-2\0)/,^(?:SPL-1\0)/,^(?:IPL-1\0)/,^(?:EFL-1\0)/,^(?:EFL-2\0)/,^(?:OPL-1\0)/,^(?:OSL-1\0)/,^(?:OSL-1\1)/,^(?:OSL-2\0)/,^(?:OSL-2\1)/,^(?:OSL-3\0)/,^(?:OpenSSL)/,^(?:PHP-3\0)/,^(?:gnuplot)/,^(?:Entessa)/,^(?:GPL-3\0)/,^(?:Eurosym)/,^(?:psutils)/,^(?:GPL-2\0)/,^(?:QPL-1\0)/,^(?:MIT-feh)/,^(?:OFL-1\1)/,^(?:GPL-1\0)/,^(?:RPL-1\1)/,^(?:RPL-1\5)/,^(?:OFL-1\0)/,^(?:Saxpath)/,^(?:Bahyph)/,^(?:RSA-MD)/,^(?:Naumen)/,^(?:NetCDF)/,^(?:mpich2)/,^(?:Glulxe)/,^(?:APAFML)/,^(?:psfrag)/,^(?:Plexus)/,^(?:SAX



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-
PD)/,^(?:MITNFA)/,^(?:eGenix)/,^(?:iMatix)/,^(?:Imlib2)/,^(?:Libpng)/,^(?:xinetd)/,^(?:LGPLLR)/,^(?:Wsuip
a)/,^(?:SMLNJ)/,^(?:RSCPL)/,^(?:SISSL)/,^(?:Rdisc)/,^(?:Noweb)/,^(?:Qhull)/,^(?:Nunit)/,^(?:GL2PS)/,^(?:T
Mate)/,^(?:MirOS)/,^(?:MS-RL)/,^(?:Intel)/,^(?:MS-
PL)/,^(?:OGTSL)/,^(?:WTFPL)/,^(?:Nokia)/,^(?:XSkat)/,^(?:Glide)/,^(?:FSFUL)/,^(?:AMPAS)/,^(?:Xerox)/,^(
?:0BSD)/,^(?:Ruby)/,^(?:JSON)/,^(?:MTLL)/,^(?:Cube)/,^(?:Zlib)/,^(?:NCSA)/,^(?:TOSL)/,^(?:Xnet)/,^(?:D
SDP)/,^(?:HPND)/,^(?:Barr)/,^(?:SNIA)/,^(?:ADSL)/,^(?:NLPL)/,^(?:Fair)/,^(?:NOSL)/,^(?:NGPL)/,^(?:SCE
A)/,^(?:Zed)/,^(?:DOC)/,^(?:ICU)/,^(?:Vim)/,^(?:xpp)/,^(?:OML)/,^(?:AAL)/,^(?:AML)/,^(?:W3C)/,^(?:ISC)/
,^(?:IPA)/,^(?:X11)/,^(?:MIT)/,^(?:FTL)/,^(?:IJG)/,^(?:TCL)/,^(?:SWL)/,^(?:NTP)/,^(?:Mup)/,^(?:NRL)/],co
nditions:{INITIAL:{rules:[0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,3
2,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69
,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,
105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,13
1,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154,155,156,157,1
58,159,160,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182,183,184,
185,186,187,188,189,190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207,208,209,210,21
1,212,213,214,215,216,217,218,219,220,221,222,223,224,225,226,227,228,229,230,231,232,233,234,235,236,237,2
38,239,240,241,242,243,244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259,260,261,262,263,264,
265,266,267,268,269,270,271,272,273,274,275,276,277,278,279,280,281,282,283,284,285,286,287,288,289,290,29
1,292,293,294,295,296,297,298,299,300,301,302,303,304,305,306,307,308,309,310,311,312,313,314,315,316,317,3
18,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338],inclusive:true}}};return
lexer);parser.lexer=lexer;function Parser(){this.yy={}}Parser.prototype=parser;parser.Parser=Parser;return new
Parser();if(typeof require!=="undefined"&&typeof
exports!=="undefined"){exports.parser=spdxparse;exports.Parser=spdxparse.Parser;exports.parse=function(){return
spdxparse.parse.apply(spdxparse,arguments)};exports.main=function
commonjsMain(args){if(!args[1]){console.log("Usage: "+args[0]+" FILE");process.exit(1)}var
source=require("fs").readFileSync(require("path").normalize(args[1]),"utf8");return
exports.parser.parse(source)};if(typeof
module!=="undefined"&&require.main===module){exports.main(process.argv.slice(1))}
var parse = require('spdx-expression-parse');
var correct = require('spdx-correct');

var genericWarning = (
  'license should be ' +
  'a valid SPDX license expression (without "LicenseRef"), ' +
  '"UNLICENSED", or ' +
  '"SEE LICENSE IN <filename>"
);

var fileReferenceRE = /SEE LICEN[CS]E IN (.+)\$/;

function startsWith(prefix, string) {
  return string.slice(0, prefix.length) === prefix;
}

function usesLicenseRef(ast) {
  if (ast.hasOwnProperty('license')) {
    var license = ast.license;

```

```

return (
  startsWith('LicenseRef', license) ||
  startsWith('DocumentRef', license)
);
} else {
  return (
    usesLicenseRef(ast.left) ||
    usesLicenseRef(ast.right)
  );
}
}

module.exports = function(argument) {
  var ast;

  try {
    ast = parse(argument);
  } catch (e) {
    var match
    if (
      argument === 'UNLICENSED' ||
      argument === 'UNLICENCED'
    ) {
      return {
        validForOldPackages: true,
        validForNewPackages: true,
        unlicensed: true
      };
    } else if (match = fileReferenceRE.exec(argument)) {
      return {
        validForOldPackages: true,
        validForNewPackages: true,
        inFile: match[1]
      };
    } else {
      var result = {
        validForOldPackages: false,
        validForNewPackages: false,
        warnings: [genericWarning]
      };
      var corrected = correct(argument);
      if (corrected) {
        result.warnings.push(
          'license is similar to the valid expression "' + corrected + '"'
        );
      }
      return result;
    }
  }
}

```

```

}

if (usesLicenseRef(ast)) {
  return {
    validForNewPackages: false,
    validForOldPackages: false,
    spdx: true,
    warnings: [genericWarning]
  };
} else {
  return {
    validForNewPackages: true,
    validForOldPackages: true,
    spdx: true
  };
}
};
{
  "name": "validate-npm-package-license",
  "description": "Give me a string and I'll tell you if it's a valid npm package license string",
  "version": "3.0.1",
  "author": {
    "name": "Kyle E. Mitchell",
    "email": "kyle@kemitchell.com",
    "url": "https://kemitchell.com"
  },
  "dependencies": {
    "spdx-correct": "~1.0.0",
    "spdx-expression-parse": "~1.0.0"
  },
  "devDependencies": {
    "defence-cli": "^1.0.1",
    "replace-require-self": "^1.0.0"
  },
  "keywords": [
    "license",
    "npm",
    "package",
    "validation"
  ],
  "license": "Apache-2.0",
  "repository": {
    "type": "git",
    "url": "git+https://github.com/kemitchell/validate-npm-package-license.js.git"
  },
  "scripts": {
    "test": "defence README.md | replace-require-self | node"
  },
}

```

```

"gitHead": "00200d28f9960985f221bc1a8a71e4760daf39bf",
"bugs": {
  "url": "https://github.com/kemitchell/validate-npm-package-license.js/issues"
},
"homepage": "https://github.com/kemitchell/validate-npm-package-license.js#readme",
"_id": "validate-npm-package-license@3.0.1",
"_shasum": "2804babe712ad3379459acfbe24746ab2c303fbc",
"_from": "validate-npm-package-license@3.0.1",
"_npmVersion": "2.13.5",
"_nodeVersion": "0.12.7",
"_npmUser": {
  "name": "kemitchell",
  "email": "kyle@kemitchell.com"
},
"dist": {
  "shasum": "2804babe712ad3379459acfbe24746ab2c303fbc",
  "tarball": "http://registry.npmjs.org/validate-npm-package-license/-/validate-npm-package-license-3.0.1.tgz"
},
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  },
  {
    "name": "othiym23",
    "email": "ogd@aoaiioxxysz.net"
  }
],
"directories": {},
"_resolved": "https://registry.npmjs.org/validate-npm-package-license/-/validate-npm-package-license-3.0.1.tgz",
"readme": "ERROR: No README data found!"
}
validate-npm-package-license
=====

```

Give me a string and I'll tell you if it's a valid npm package license string.

```

```javascript
var valid = require('validate-npm-package-license');
```

```

SPDX license identifiers are valid license strings:

```

```javascript
var assert = require('assert');
var validSPDXExpression = {
  validForNewPackages: true,

```

```
validForOldPackages: true,  
spdx: true  
};
```

```
assert.deepEqual(valid('MIT'), validSPDXExpression);  
assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression);  
assert.deepEqual(valid('Apache-2.0'), validSPDXExpression);  
assert.deepEqual(valid('ISC'), validSPDXExpression);  
...  
The function will return a warning and suggestion for nearly-correct license identifiers:
```

```
```javascript  
assert.deepEqual(  
  valid('Apache 2.0'),  
  {  
    validForOldPackages: false,  
    validForNewPackages: false,  
    warnings: [  
      'license should be ' +  
      'a valid SPDX license expression (without "LicenseRef"), ' +  
      "'UNLICENSED', or ' +  
      "'SEE LICENSE IN <filename>'",  
      'license is similar to the valid expression "Apache-2.0"  
    ]  
  }  
);  
...  
SPDX expressions are valid, too ...  
```javascript  
// Simple SPDX license expression for dual licensing  
assert.deepEqual(  
  valid('(GPL-3.0 OR BSD-2-Clause)'),  
  validSPDXExpression  
);  
...  
... except if they contain `LicenseRef`:  
```javascript  
var warningAboutLicenseRef = {  
  validForOldPackages: false,  
  validForNewPackages: false,  
  spdx: true,  
  warnings: [  
    'license should be ' +  
    'a valid SPDX license expression (without "LicenseRef"), ' +
```

```

    "UNLICENSED", or ' +
    "SEE LICENSE IN <filename>",
  ]
};

assert.deepEqual(
  valid('LicenseRef-Made-Up'),
  warningAboutLicenseRef
);

assert.deepEqual(
  valid('(MIT OR LicenseRef-Made-Up)'),
  warningAboutLicenseRef
);
```

```

If you can't describe your licensing terms with standardized SPDX identifiers, put the terms in a file in the package and point users there:

```

```javascript
assert.deepEqual(
  valid('SEE LICENSE IN LICENSE.txt'),
  {
    validForNewPackages: true,
    validForOldPackages: true,
    inFile: 'LICENSE.txt'
  }
);

assert.deepEqual(
  valid('SEE LICENSE IN license.md'),
  {
    validForNewPackages: true,
    validForOldPackages: true,
    inFile: 'license.md'
  }
);
```

```

If there aren't any licensing terms, use `UNLICENSED`:

```

```javascript
var unlicensed = {
  validForNewPackages: true,
  validForOldPackages: true,
  unlicensed: true
};
assert.deepEqual(valid('UNLICENSED'), unlicensed);
```

```

```
assert.deepEqual(valid('UNLICENCED'), unlicensed);
```

```
```
```

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The following individuals contributed in part to the Network Time Protocol Distribution Version 4 and are acknowledged as authors of this work.

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2. Bernd Altmeier <altmeier@atsoft.de> hopf Elektronik serial line and PCI-bus devices
3. Viraj Bais <vbais@mailman1.intel.com> and Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
4. Michael Barone <michael,barone@lmco.com> GPSVME fixes
5. Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
6. Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
8. Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
9. Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
10. Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
11. Steve Clift <clift@ml.csiro.au> OMEGA clock driver
12. Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
13. Sven Dietrich <sven\_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
14. John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port
15. Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
16. Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
17. John Hay <jhay@icomtek.csiro.co.za> IPv6 support and testing
18. Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
19. Mike Iglesias <iglesias@uci.edu> DEC Alpha port
20. Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port
21. Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul
22. Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or

- <H.Lambermont@chello.nl> ntpswEEP
23. Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
  24. Frank Kardel <kardel (at) ntp (dot) org> PARSE <GENERIC> driver (>14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
  25. William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications
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  30. Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
  31. Danny Mayer <mayer@ntp.org> Network I/O, Windows Port, Code Maintenance
  32. David L. Mills <mills@udel.edu> Version 4 foundation: clock discipline, authentication, precision kernel; clock drivers: Spectracom, Austron, Arbiter, Heath, ATOM, ACTS, KSI/Odetics; audio clock drivers: CHU, WWV/H, IRIG
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  38. Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de> monitoring/trap scripts, statistics file handling
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  40. Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
  41. Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
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  43. Ray Schnitzler <schnitz@unipress.com> Unixware1 port
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  45. Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
  46. Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
  47. Kenneth Stone <ken@sdd.hp.com> HP-UX port
  48. Ajit Thyagarajan <ajit@ee.udel.edu> IP multicast/anycast support
  49. Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver
  50. Paul A Vixie <vixie@vix.com> TrueTime GPS driver, generic TrueTime clock driver
  51. Ulrich Windl <Ulrich.Windl@rz.uni-regensburg.de> corrected and validated HTML documents according to the HTML DTD

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## 2.284 osgi-resource-locator 1.0.1

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## 2.287 Paramiko 2.0.8

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## 2.288 paranamer 2.8

### 2.288.1 Available under license :

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Version 2, June 1991

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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\_inq\_context.c  
lib/gssapi/mechglue/g\_inq\_cred.c  
lib/gssapi/mechglue/g\_inq\_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  
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lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/mglueP.h  
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Thanks to Russ Allbery for contributing and integrating patches from Debian and other places.

Thanks to Michael Calmer for contributing patches for code clean-up.

Thanks to Novell for donating the KDB abstraction layer.

Thanks to Sun Microsystems for donating their implementations of mechglue and SPNEGO.

Thanks to the numerous others who reported bugs and/or contributed patches.

Thanks to the members of the Kerberos V5 development team at MIT, both past and present: Danilo Almeida, Jeffrey Altman, Richard Basch, Jay Berkenbilt, Mitch Berger, Andrew Boardman, Joe Calzaretta, John Carr, Don Davis, Alexandra Ellwood, Nancy Gilman, Matt Hancher, Sam Hartman, Paul Hill, Marc Horowitz, Eva Jacobus, Miroslav Jurisic, Barry Jaspan, Geoffrey King, John Kohl, Peter Litwack, Scott McGuire, Kevin Mitchell, Cliff Neuman, Paul Park, Ezra Peisach, Chris Provenzano, Ken Raeburn, Jon Rochlis, Jeff Schiller, Jen Selby, Brad Thompson, Harry Tsai, Ted Ts'o, Marshall Vale, Tom Yu.

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* Tim Martin
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* Rob Earhart
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```
* Rob Siemborski
```

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*/
```

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/*
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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
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- 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/ipropr\_hdr.h
- kadmin/server/ipropr\_svc.c
- lib/kdb/ipropr.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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```
/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*- */
```

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```
cmd/krb5/ipropl/ipropl.x
cmd/krb5/ipropl/ipropl_hdr.h
cmd/krb5/kadmin/server/ipropld_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
```

lib/gss\_mechs/mech\_spnego/mech/gssapiP\_spnego.h  
lib/gss\_mechs/mech\_spnego/mech/spnego\_mech.c  
lib/krb5/kadm5/kadm\_host\_srv\_names.c  
lib/krb5/kdb/kdb\_convert.c  
lib/krb5/kdb/kdb\_hdr.h  
lib/krb5/kdb/kdb\_log.c  
lib/krb5/kdb/kdb\_log.h  
lib/libgss/g\_accept\_sec\_context.c  
lib/libgss/g\_acquire\_cred.c  
lib/libgss/g\_canon\_name.c  
lib/libgss/g\_compare\_name.c  
lib/libgss/g\_context\_time.c  
lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
lib/libgss/g\_export\_name.c  
lib/libgss/g\_glue.c  
lib/libgss/g\_imp\_name.c  
lib/libgss/g\_imp\_sec\_context.c  
lib/libgss/g\_init\_sec\_context.c  
lib/libgss/g\_initialize.c  
lib/libgss/g\_inquire\_context.c  
lib/libgss/g\_inquire\_cred.c  
lib/libgss/g\_inquire\_names.c  
lib/libgss/g\_process\_context.c  
lib/libgss/g\_rel\_buffer.c  
lib/libgss/g\_rel\_cred.c  
lib/libgss/g\_rel\_name.c  
lib/libgss/g\_rel\_oid\_set.c  
lib/libgss/g\_seal.c  
lib/libgss/g\_sign.c  
lib/libgss/g\_store\_cred.c  
lib/libgss/g\_unseal.c  
lib/libgss/g\_userok.c  
lib/libgss/g\_utils.c  
lib/libgss/g\_verify.c  
lib/libgss/gssd\_pname\_to\_uid.c  
uts/common/gssapi/include/gssapi\_err\_generic.h  
uts/common/gssapi/include/mechglueP.h

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/*
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```
*/  
/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*- */  
/*
```

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Version 2, June 1991

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```
<one line to give the program's name and a brief idea of what it does.>  
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```

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```
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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.

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```
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
```

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# This program is intended to be used by "make check-copyright". It
# checks for violations of the coding standards related to copyright
# and license statements in source code comments.

import os
import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line

# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
            if text_seen:
                warn(fname, ln, 'License begins after first line of comment')
            elif code_seen:
                warn(fname, ln, 'License after code')
            elif nonlicense_seen:
                warn(fname, ln, 'License after non-license comments')
            break
        # DB2 licenses start with '/*-' and we don't want to change them.
        if line != " and line != '-':
            text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0

```

```

if '-*- mode: c;' in lines[ln]:
    ln += 1

# Check filename comment if present.
m = re.match(r'^\* ([^ ]*)( - .*)? \*/', lines[ln])
if m:
    if m.group(1) != fname:
        warn(fname, ln, 'Wrong filename in comment')
    ln += 1

# Scan for license statements.
in_comment = False
code_seen = False
nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'^\*.*?\*/', '', line)
        line = line.strip()

    if not in_comment and '/*' in line:
        (line, sep, comment_part) = line.partition('/*')
        comment = [comment_part.strip()]
        comment_starts_at = ln
        in_comment = True
    elif in_comment and '*/' not in line:
        comment.append(line.lstrip('*').rstrip())
    elif in_comment:
        (comment_part, sep, line) = line.partition('*/')
        comment.append(comment_part.strip())
        is_license = check_comment(comment, fname, comment_starts_at,
                                   code_seen, nonlicense_seen)
        nonlicense_seen = nonlicense_seen or not is_license
        in_comment = False
    elif line.strip() != "":
        code_seen = True

    ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)
<html>
<head>

```

```
<title>Network Identity Manager - License</title>
<meta name="description" content="License agreement">
<meta name="keywords" content="license">
<link rel="stylesheet" type="text/css" href="nidmgr.css">
</head>
<body>
```

```
<h1>Network Identity Manager - License</h1>
```

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```
</body>
</html>
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=====

.. toctree::  
:hidden:

copyright.rst

.. include:: notice.rst

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
```

```
<title>MIT Kerberos License information &mdash; MIT Kerberos Documentation</title>
```

```
<link rel="stylesheet" href="_static/agogo.css" type="text/css" />
```

```
<link rel="stylesheet" href="_static/pygments.css" type="text/css" />
```

```
<link rel="stylesheet" href="_static/kerb.css" type="text/css" />
```

```
<script type="text/javascript">
```

```
var DOCUMENTATION_OPTIONS = {
```

```
    URL_ROOT:    "",
```

```
    VERSION:    '1.11.3',
```

```
    COLLAPSE_INDEX: false,
```

```
    FILE_SUFFIX: '.html',
```

```
    HAS_SOURCE: true
```

```
};
```

```
</script>
```

```
<script type="text/javascript" src="_static/jquery.js"></script>
```

```
<script type="text/javascript" src="_static/underscore.js"></script>
```

```
<script type="text/javascript" src="_static/doctools.js"></script>
```

```
<link rel="author" title="About these documents" href="about.html" />
```

```
<link rel="copyright" title="Copyright" href="copyright.html" />
```

```
<link rel="top" title="MIT Kerberos Documentation" href="index.html" />
```

```

<link rel="up" title="MIT Kerberos features" href="mitK5features.html" />
<link rel="next" title="Copyright" href="copyright.html" />
<link rel="prev" title="MIT Kerberos features" href="mitK5features.html" />
</head>
<body>
<div class="header-wrapper">
  <div class="header" style="padding-bottom: 0px;">

    <h1><a href="index.html"
    style="color: #5d1509; font-size: 120%;
    padding-top: 10px;">MIT Kerberos Documentation</a></h1>

    <div class="rel">
      <a href="index.html"
      title="Full Table of Contents"
      accesskey="C">Contents</a>
      |
      <a href="mitK5features.html"
      title="MIT Kerberos features"
      accesskey="P">previous</a>
      |
      <a href="copyright.html"
      title="Copyright"
      accesskey="N">next</a>
      |
      <a href="genindex.html"
      title="General Index"
      accesskey="I">index</a>
      |
      <a href="search.html"
      title="Enter search criteria"
      accesskey="S">Search</a>
      |
      <a href="mailto:krb5-bugs@mit.edu?subject=Documentation__MIT Kerberos License
information">feedback</a>
    </div>
  </div>
</div>

<div class="content-wrapper">
  <div class="content">
    <div class="sidebar"
    style="float: right; background: #F9F9F9">
      <h2>On this page </h2>
      <ul>
<li><a class="reference internal" href="#">MIT Kerberos License information</a></li>
      </ul>
    </div>
  </div>
</div>

```

```

</li>
</ul>

    <br/>
    <h2>Table of contents</h2>
    <ul>
<li class="toctree-l1"><a class="reference internal" href="user/index.html">For users</a></li>
<li class="toctree-l1"><a class="reference internal" href="admin/index.html">For administrators</a></li>
<li class="toctree-l1"><a class="reference internal" href="appdev/index.html">For application developers</a></li>
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<li class="toctree-l1"><a class="reference internal" href="build/index.html">Building Kerberos V5</a></li>
<li class="toctree-l1"><a class="reference internal" href="basic/index.html">Kerberos V5 concepts</a></li>
<li class="toctree-l1"><a class="reference internal" href="mitK5features.html">MIT Kerberos features</a></li>
<li class="toctree-l1"><a class="reference internal" href="build_this.html">How to build this documentation from
the source</a></li>
<li class="toctree-l1"><a class="reference internal" href="about.html">The Kerberos Documentation Set</a></li>
<li class="toctree-l1"><a class="reference internal" href="resources.html">Resources</a></li>
</ul>

    <br/>
    <h4><a href="index.html">Full Table of Contents
</a></h4>
    <h4>Search</h4>
    <form class="search" action="search.html" method="get">
        <input type="text" name="q" size="18" />
        <input type="submit" value="Go" />
        <input type="hidden" name="check_keywords" value="yes" />
        <input type="hidden" name="area" value="default" />
    </form>
</div>
<div class="document">

    <div class="documentwrapper">
        <div class="bodywrapper">
            <div class="body">

                <div class="section" id="mit-kerberos-license-information">
<span id="mitk5license"></span><h1>MIT Kerberos License information<a class="headerlink" href="#mit-
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`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`

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`g_export_name`

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      <a href="mailto:krb5-bugs@mit.edu?subject=Documentation__MIT Kerberos License
information">feedback</a>
    </div>
  </div>
</div>
</body>
</html>

```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

```

```

<html xmlns="http://www.w3.org/1999/xhtml">
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

  <title>Copyright &mdash; MIT Kerberos Documentation</title>

  <link rel="stylesheet" href="_static/agogo.css" type="text/css" />
  <link rel="stylesheet" href="_static/pygments.css" type="text/css" />
  <link rel="stylesheet" href="_static/kerb.css" type="text/css" />

```

```

<script type="text/javascript">
var DOCUMENTATION_OPTIONS = {
  URL_ROOT:  "",
  VERSION:   '1.11.3',
  COLLAPSE_INDEX: false,
  FILE_SUFFIX: '.html',
  HAS_SOURCE: true
};
</script>
<script type="text/javascript" src="_static/jquery.js"></script>
<script type="text/javascript" src="_static/underscore.js"></script>
<script type="text/javascript" src="_static/doctools.js"></script>
<link rel="author" title="About these documents" href="about.html" />
<link rel="copyright" title="Copyright" href="#" />
<link rel="top" title="MIT Kerberos Documentation" href="index.html" />
<link rel="up" title="MIT Kerberos License information" href="mitK5license.html" />
<link rel="next" title="How to build this documentation from the source" href="build_this.html" />
<link rel="prev" title="MIT Kerberos License information" href="mitK5license.html" />
</head>
<body>
<div class="header-wrapper">
  <div class="header" style="padding-bottom: 0px;">

    <h1><a href="index.html"
style="color: #5d1509; font-size: 120%;
padding-top: 10px;">MIT Kerberos Documentation</a></h1>

    <div class="rel">
      <a href="index.html"
title="Full Table of Contents"
accesskey="C">Contents</a>
      |
      <a href="mitK5license.html"
title="MIT Kerberos License information"
accesskey="P">previous</a>
      |
      <a href="build_this.html"
title="How to build this documentation from the source"
accesskey="N">next</a>
      |
      <a href="genindex.html"
title="General Index"
accesskey="I">index</a>
      |
      <a href="search.html"
title="Enter search criteria"

```

```

        accesskey="S">Search</a>
        |
        <a href="mailto:krb5-bugs@mit.edu?subject=Documentation__Copyright">feedback</a>
    </div>
</div>
</div>

<div class="content-wrapper">
    <div class="content">
        <div class="sidebar"
            style="float: right; background: #F9F9F9">
            <h2>On this page </h2>
            <ul>
<li><a class="reference internal" href="#">Copyright</a></li>
</ul>

                <br/>
                <h2>Table of contents</h2>
                <ul>
<li class="toctree-l1"><a class="reference internal" href="user/index.html">For users</a></li>
<li class="toctree-l1"><a class="reference internal" href="admin/index.html">For administrators</a></li>
<li class="toctree-l1"><a class="reference internal" href="appdev/index.html">For application developers</a></li>
<li class="toctree-l1"><a class="reference internal" href="plugindev/index.html">For plugin module
                developers</a></li>
<li class="toctree-l1"><a class="reference internal" href="build/index.html">Building Kerberos V5</a></li>
<li class="toctree-l1"><a class="reference internal" href="basic/index.html">Kerberos V5 concepts</a></li>
<li class="toctree-l1"><a class="reference internal" href="mitK5features.html">MIT Kerberos features</a></li>
<li class="toctree-l1"><a class="reference internal" href="build_this.html">How to build this documentation from
                the source</a></li>
<li class="toctree-l1"><a class="reference internal" href="about.html">The Kerberos Documentation Set</a></li>
<li class="toctree-l1"><a class="reference internal" href="resources.html">Resources</a></li>
</ul>

                <br/>
                <h4><a href="index.html">Full Table of Contents
                </a></h4>
                <h4>Search</h4>
                <form class="search" action="search.html" method="get">
                    <input type="text" name="q" size="18" />
                    <input type="submit" value="Go" />
                    <input type="hidden" name="check_keywords" value="yes" />
                    <input type="hidden" name="area" value="default" />
                </form>
            </div>
        <div class="document">

<div class="documentwrapper">
    <div class="bodywrapper">

```

```
<div class="body">
```

```
<div class="section" id="copyright">
```

```
<h1>Copyright<a class="headerlink" href="#copyright" title="Permalink to this headline"></a></h1>
```

```
<p>Copyright 1985-2013 by the Massachusetts Institute of  
Technology and its contributors. All rights reserved.</p>
```

```
<p>See <a class="reference internal" href="mitK5license.html#mitk5license"><em>MIT Kerberos License  
information</em></a> for additional copyright and license  
information.</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="clearer" ></div>
```

```
</div>
```

```
</div>
```

```
<div class="footer-wrapper" >
```

```
<div class="footer" >
```

```
<div class="right" ><i>Release: 1.11.3</i><br />
```

```
&copy; <a href="#">Copyright</a> 1985-2013, MIT.
```

```
</div>
```

```
<div class="left" >
```

```
<a href="index.html"  
title="Full Table of Contents"  
>Contents</a>
```

```
|
```

```
<a href="mitK5license.html"  
title="MIT Kerberos License information"  
>previous</a>
```

```
|
```

```
<a href="build_this.html"  
title="How to build this documentation from the source"  
>next</a>
```

```
|
```

```
<a href="genindex.html"  
title="General Index"  
>index</a>
```

```
|
```

```
<a href="search.html"  
title="Enter search criteria"  
>Search</a>
```

```
|
```

```
<a href="mailto:k5-bugs@mit.edu?subject=Documentation__Copyright">feedback</a>
```

```
</div>
```

```
</div>
</div>
</body>
</html>
\input texinfo
@settitle Copyright and Other Legal Notices
@paragraphindent 0
@exampleindent 2
@documentencoding UTF-8
@set noticefile
@node Top, , (dir), (dir)
@comment node-name, next, previous, up
@include definitions.texinfo
@include copyright.texinfo
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```

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.. parsed-literal::

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:

.. parsed-literal::

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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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  
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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
@end smallexample
```

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

```
@smallexample
include/ipropr_hdr.h
kadmin/server/ipropr_svc.c
lib/kdb/ipropr.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
@end smallexample
```

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```
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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\_inq\_context.c  
lib/gssapi/mechglue/g\_inq\_cred.c  
lib/gssapi/mechglue/g\_inq\_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  
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lib/gssapi/mechglue/g\_sign.c  
lib/gssapi/mechglue/g\_store\_cred.c  
lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/mglueP.h  
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#### Acknowledgments

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Thanks to Russ Allbery for contributing and integrating patches from Debian and other places.

Thanks to Michael Calmer for contributing patches for code clean-up.

Thanks to Novell for donating the KDB abstraction layer.

Thanks to Sun Microsystems for donating their implementations of mechglue and SPNEGO.

Thanks to the numerous others who reported bugs and/or contributed patches.

Thanks to the members of the Kerberos V5 development team at MIT, both past and present: Danilo Almeida, Jeffrey Altman, Richard Basch, Jay Berkenbilt, Mitch Berger, Andrew Boardman, Joe Calzaretta, John Carr, Don Davis, Alexandra Ellwood, Nancy Gilman, Matt Hancher, Sam Hartman, Paul Hill, Marc Horowitz, Eva Jacobus, Miroslav Jurisic, Barry Jaspan, Geoffrey King, John Kohl, Peter Litwack, Scott McGuire, Kevin Mitchell, Cliff Neuman, Paul Park, Ezra Peisach, Chris Provenzano, Ken Raeburn, Jon Rochlis, Jeff Schiller, Jen Selby, Brad Thompson, Harry Tsai, Ted Ts'o, Marshall Vale, Tom Yu.

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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.

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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.

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Version 2, June 1991

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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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in new free programs; and that you know you can do these things.

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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.

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

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

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

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

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

compilation and installation of the library.

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

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

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\* 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.

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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.

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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.

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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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\* 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.

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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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signature of Ty Coon, 1 April 1990

Ty Coon, President of Vice

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Version 2.8, 17 August 2003

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#### Preamble

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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.

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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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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

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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.
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- 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.

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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.

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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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.

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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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#### END OF TERMS AND CONDITIONS

#### Appendix: How to Apply These Terms to Your New Libraries

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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 a brief idea of what it does.>  
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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!

```
# canonicalize-lgpl.m4 serial 5
```

```
dnl Copyright (C) 2003, 2006-2007, 2009 Free Software Foundation, Inc.
```

```
dnl This file is free software; the Free Software Foundation
```

```
dnl gives unlimited permission to copy and/or distribute it,
```

```
dnl with or without modifications, as long as this notice is preserved.
```

```
AC_DEFUN([gl_CANONICALIZE_LGPL],
```

```
[
```

```
dnl Do this replacement check manually because the file name is shorter
```

```
dnl than the function name.
```

```
AC_CHECK_DECLS_ONCE([canonicalize_file_name])
```

```
AC_CHECK_FUNCS_ONCE([canonicalize_file_name])
```

```
if test $ac_cv_func_canonicalize_file_name = no; then
```

```
  AC_LIBOBJ([canonicalize-lgpl])
```

```
  AC_DEFINE([realpath], [rpl_realpath],
```

```
    [Define to a replacement function name for realpath().])
```

```
  gl_PREREQ_CANONICALIZE_LGPL
```

```
fi
```

```
])
```

```
# Like gl_CANONICALIZE_LGPL, except prepare for separate compilation
```

```
# (no AC_LIBOBJ).
```

```
AC_DEFUN([gl_CANONICALIZE_LGPL_SEPARATE],
```

```
[
```

```
AC_CHECK_DECLS_ONCE([canonicalize_file_name])
```

```
AC_CHECK_FUNCS_ONCE([canonicalize_file_name])
```

```
gl_PREREQ_CANONICALIZE_LGPL
```

```
])
```

```
# Prerequisites of lib/canonicalize-lgpl.c.
```

```
AC_DEFUN([gl_PREREQ_CANONICALIZE_LGPL],
```

```
[
```

```
AC_CHECK_HEADERS_ONCE([sys/param.hunistd.h])
```

```
AC_CHECK_FUNCS_ONCE([getcwdreadlink])
```

```
])
```

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Version 3, 29 June 2007

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To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. 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.

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of

protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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

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"This License" refers to version 3 of the GNU General Public License.

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To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

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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.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding

Source.

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zlib [http://www.gzip.org/zlib/zlib\\_license.html](http://www.gzip.org/zlib/zlib_license.html)

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krb4

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fileset

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@DEPOT_FILESET_PREFIX@
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os_release ?.11.??
os_version *
postinstall @DEPOT_CONTROL@/postinstall
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## 2.291 pd\_ipc\_server 2.0.15

## 2.292 pd\_thrift\_ipc 2.0.15

## 2.293 pexpect 4.2.0

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Russell Coker <russell@coker.com.au>.

It is currently maintained by Marco d'Itri <md@linux.it>  
and Chris Boot <bootc@debian.org>.

Original sources were obtained from:

git://ozlabs.org/~paulus/ppp.git

The options file was originally obtained from:

ftp://sunsite.unc.edu/pub/Linux/system/Network/serial/pppopt.tgz

It was later heavily modified by various people, with additions from  
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## 2.296 ppp 2.4.7-1+2ubuntu1

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It is currently maintained by Marco d'Itri <md@linux.it> and Chris Boot <bootc@debian.org>.

Original sources were obtained from:  
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## 2.299 prop-types 15.6.0

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Files: examples/SecureXMLRPCServer.py

Note: Written 0907.2002 by Michal Wallace

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Files: examples/proxy.py

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## 2.306 python 3.5.2

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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|---------|---------|------|-------|-----------------|
|         | from    |      |       | compatible? (1) |

|                |           |           |            |         |
|----------------|-----------|-----------|------------|---------|
| 0.9.0 thru 1.2 |           | 1991-1995 | CWI        | yes     |
| 1.3 thru 1.5.2 | 1.2       | 1995-1999 | CNRI       | yes     |
| 1.6            | 1.5.2     | 2000      | CNRI       | no      |
| 2.0            | 1.6       | 2000      | BeOpen.com | no      |
| 1.6.1          | 1.6       | 2001      | CNRI       | yes (2) |
| 2.1            | 2.0+1.6.1 | 2001      | PSF        | no      |
| 2.0.1          | 2.0+1.6.1 | 2001      | PSF        | yes     |
| 2.1.1          | 2.1+2.0.1 | 2001      | PSF        | yes     |
| 2.1.2          | 2.1.1     | 2002      | PSF        | yes     |
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In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
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| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
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Mersenne Twister

-----

The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

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## Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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-----  
MD5 message digest algorithm  
-----

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.  
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.  
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.  
1999-05-03 lpd Original version.

Asynchronous socket services

-----

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Cookie management

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Execution tracing

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UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

#### XML Remote Procedure Calls

-----

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test\_epoll

-----

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Select kqueue

-----

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## strtod and dtoa

-----

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## OpenSSL

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |

|               |           |          |     |     |
|---------------|-----------|----------|-----|-----|
| 2.1.1         | 2.1+2.0.1 | 2001     | PSF | yes |
| 2.1.2         | 2.1.1     | 2002     | PSF | yes |
| 2.1.3         | 2.1.2     | 2002     | PSF | yes |
| 2.2 and above | 2.1.1     | 2001-now | PSF | yes |

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Upstream-Contact: Hynek Schlawack <hs@ox.cx>

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Packaged by Dave Beckett <dajobe@debian.org> from 2005-02-02

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## 2.312 python-cryptography 1.2.3 :1ubuntu0.1

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
| 2.2.2          | 2.2.1        | 2002      | PSF        | yes                 |
| 2.2.3          | 2.2.2        | 2003      | PSF        | yes                 |

|       |       |           |     |     |
|-------|-------|-----------|-----|-----|
| 2.3   | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3   | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004      | PSF | yes |
| 2.3.5 | 2.3.4 | 2005      | PSF | yes |
| 2.4   | 2.3   | 2004      | PSF | yes |
| 2.4.1 | 2.4   | 2005      | PSF | yes |
| 2.4.2 | 2.4.1 | 2005      | PSF | yes |
| 2.4.3 | 2.4.2 | 2006      | PSF | yes |
| 2.4.4 | 2.4.3 | 2006      | PSF | yes |
| 2.5   | 2.4   | 2006      | PSF | yes |
| 2.5.1 | 2.5   | 2007      | PSF | yes |
| 2.5.2 | 2.5.1 | 2008      | PSF | yes |
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| 2.6   | 2.5   | 2008      | PSF | yes |
| 2.6.1 | 2.6   | 2008      | PSF | yes |
| 2.6.2 | 2.6.1 | 2009      | PSF | yes |
| 2.6.3 | 2.6.2 | 2009      | PSF | yes |
| 2.6.4 | 2.6.3 | 2009      | PSF | yes |
| 2.6.5 | 2.6.4 | 2010      | PSF | yes |
| 3.0   | 2.6   | 2008      | PSF | yes |
| 3.0.1 | 3.0   | 2009      | PSF | yes |
| 3.1   | 3.0.1 | 2009      | PSF | yes |
| 3.1.1 | 3.1   | 2009      | PSF | yes |
| 3.1.2 | 3.1.1 | 2010      | PSF | yes |
| 3.1.3 | 3.1.2 | 2010      | PSF | yes |
| 3.1.4 | 3.1.3 | 2011      | PSF | yes |
| 3.2   | 3.1   | 2011      | PSF | yes |
| 3.2.1 | 3.2   | 2011      | PSF | yes |
| 3.2.2 | 3.2.1 | 2011      | PSF | yes |
| 3.2.3 | 3.2.2 | 2012      | PSF | yes |

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## 2.316 python-idna 2.0 :3

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Upstream-Name: idna

Source: <https://github.com/kjd/idna>

Files: \*

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## 2.317 python-ipaddress 1.0.16 :1

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Upstream-Name: ipaddress

Source: <https://github.com/philip/ipaddress>

Files: \*

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This is the Debian GNU/Linux prepackaged version of the Python programming language. Python was written by Guido van Rossum <guido@cwi.nl> and others.

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## A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |

|       |       |           |     |     |
|-------|-------|-----------|-----|-----|
| 2.2   | 2.1.1 | 2001      | PSF | yes |
| 2.1.2 | 2.1.1 | 2002      | PSF | yes |
| 2.1.3 | 2.1.2 | 2002      | PSF | yes |
| 2.2.1 | 2.2   | 2002      | PSF | yes |
| 2.2.2 | 2.2.1 | 2002      | PSF | yes |
| 2.2.3 | 2.2.2 | 2003      | PSF | yes |
| 2.3   | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3   | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004      | PSF | yes |
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| 2.4   | 2.3   | 2004      | PSF | yes |
| 2.4.1 | 2.4   | 2005      | PSF | yes |
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>)

in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
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Upstream-Name: requests

Upstream-Contact: Kenneth Reitz <[me@kennethreitz.com](mailto:me@kennethreitz.com)>

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Upstream-Name: service\_identity

Source: [https://pypi.python.org/pypi/service\\_identity/](https://pypi.python.org/pypi/service_identity/)

Files: \*

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History and License
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History of the software
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <https://www.cnri.reston.va.us/>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see <http://www.zope.com/>). In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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### Mersenne Twister

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The `:mod:`_random`` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code::

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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## Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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MD5 message digest algorithm

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

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The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

- 2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
- 1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
- 1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
- 1999-05-03 lpd Original version.

Asynchronous socket services

-----

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UUencode and UUdecode functions  
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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

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-----

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Select kqueue  
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-----

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-----

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zlib

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.. \_history-and-license:

\*\*\*\*\*

## History and License

\*\*\*\*\*

### History of the software

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://www.cwi.nl/>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <https://www.cnri.reston.va.us/>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see <http://www.zope.com/>). In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Mersenne Twister

-----  
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A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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## Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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## Floating point exception control

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The source for the `:mod:`fpctl`` module includes the following notice::

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MD5 message digest algorithm

-----

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.  
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.  
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.  
1999-05-03 lpd Original version.

Asynchronous socket services

-----

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UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use `binascii` module to do the actual line-by-line conversion between `ascii` and `binary`. This results in a 1000-fold speedup. The C

- version is still 5 times faster, though.
- Arguments more compliant with Python standard

## XML Remote Procedure Calls

-----

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`test_epoll`

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Select kqueue

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strtod and dtoa

-----

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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Upstream-Contact: Kenneth Reitz <[me@kennethreitz.com](mailto:me@kennethreitz.com)>

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Upstream-Contact: Kenneth Reitz <[me@kennethreitz.com](mailto:me@kennethreitz.com)>

Source: <http://pypi.python.org/pypi/requests>

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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| 1.3 thru 1.5.2 | 1.2       | 1995-1999 | CNRI       | yes     |
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| 2.0            | 1.6       | 2000      | BeOpen.com | no      |
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| 3.0            | 2.6       | 2008      | PSF        | yes     |
| 3.0.1          | 3.0       | 2009      | PSF        | yes     |
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Mersenne Twister

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The `\_random` module includes code based on a download from  
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following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
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<http://www.math.keio.ac.jp/matumoto/emt.html>

email: [matumoto@math.keio.ac.jp](mailto:matumoto@math.keio.ac.jp)

#### Sockets

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The ``socket'` module uses the functions, ``getaddrinfo'`, and ``getnameinfo'`, which are coded in separate source files from the WIDE Project, [`http://www.wide.ad.jp/about/index.html'](http://www.wide.ad.jp/about/index.html).

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Floating point exception control  
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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:

- Use `binascii` module to do the actual line-by-line conversion between `ascii` and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with python standard

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#### A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a

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All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.2            | 2.1.1        | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2.1          | 2.2          | 2002      | PSF        | yes                 |
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| 3.0            | 2.6          | 2008      | PSF        | yes                 |
| 3.0.1          | 3.0          | 2009      | PSF        | yes                 |



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|-------|-------|------|-----|-----|
| 3.1   | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1   | 2009 | PSF | yes |
| 3.1.2 | 3.1.1 | 2010 | PSF | yes |
| 3.1.3 | 3.1.2 | 2010 | PSF | yes |
| 3.1.4 | 3.1.3 | 2011 | PSF | yes |
| 3.2   | 3.1   | 2011 | PSF | yes |
| 3.2.1 | 3.2   | 2011 | PSF | yes |
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Mersenne Twister

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The ``_random'` module includes code based on a download from ``http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html'`. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`

or `init_by_array(init_key, key_length)`.

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<http://www.math.keio.ac.jp/matsumoto/emt.html>

email: [matsumoto@math.keio.ac.jp](mailto:matsumoto@math.keio.ac.jp)

Sockets

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The ``socket'` module uses the functions, ``getaddrinfo'`, and  
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Floating point exception control

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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with python standard

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## 2.329 pyvmomi 6.5.0.2017.5

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.. \_str: <https://docs.python.org/2/library/stdtypes.html>

.. \_bool: <https://docs.python.org/2/library/stdtypes.html>

.. \_vmodl.DynamicData: [../vmodl/DynamicData.rst](https://docs.python.org/2/library/stdtypes.html)

.. \_vim.ManagedEntity: [../vim/ManagedEntity.rst](https://docs.python.org/2/library/stdtypes.html)

vim.AuthorizationManager.Permission

=====

This data object type provides assignment of some role access to a principal on a specific entity. A ManagedEntity

is limited to one permission per principal.

:extends: vmodl.DynamicData\_

Attributes:

entity (`vim.ManagedEntity`\_, optional):

Managed entity the permission is defined on. Left unset when calling setPermissions or resetPermissions, but present for the results of permission queries.

principal (`str`\_):

User or group receiving access in the form of "login" for local or "DOMAIN\login" for users in a Windows domain.

group (`bool`\_):

Whether principal refers to a user or a group. True for a group and false for a user.

roleId (`int`\_):

Reference to the role providing the access.

propagate (`bool`\_):

Whether or not this permission propagates down the hierarchy to sub-entities.

.. \_str: <https://docs.python.org/2/library/stdtypes.html>

.. \_vim.fault.VimFault: ../../vim/fault/VimFault.rst

vim.fault.InvalidLicense

=====

:extends:

`vim.fault.VimFault`\_

Thrown when an attempt is made to upload license content that is invalid.

Attributes:

licenseContent (`str`\_)

.. \_int: <https://docs.python.org/2/library/stdtypes.html>

.. \_vmodl.fault.NotEnoughLicenses: ../../vmodl/fault/NotEnoughLicenses.rst

vim.fault.VramLimitLicense

=====

:extends:

`vmodl.fault.NotEnoughLicenses`\_

A VramLimitLicense fault is thrown if executing an operation would result in exceeding maximum allowed vRAM amount. For example, this could happen when powering on a VM, hot-plugging memory into a running VMm, etc.

Attributes:

```
    limit (`int`_)
.. _int: https://docs.python.org/2/library/stdtypes.html

.. _vmodl.fault.NotEnoughLicenses: ../../vmodl/fault/NotEnoughLicenses.rst
```

vim.fault.VmLimitLicense

=====

:extends:

```
    `vmodl.fault.NotEnoughLicenses`_
```

A VmLimitLicense fault is thrown if powering on the virtual machine would exceed the maximum number of running virtual machines allowed.

Attributes:

```
    limit (`int`_)
.. _int: https://docs.python.org/2/library/stdtypes.html

.. _str: https://docs.python.org/2/library/stdtypes.html

.. _datetime: https://docs.python.org/2/library/stdtypes.html

.. _vmodl.fault.NotEnoughLicenses: ../../vmodl/fault/NotEnoughLicenses.rst
```

vim.fault.ExpiredFeatureLicense

=====

:extends:

```
    `vmodl.fault.NotEnoughLicenses`_
```

An ExpiredFeatureLicense fault is thrown if an attempt to acquire an Addon license 'feature failed for count 'count'.

Attributes:

```
    feature (`str`_)

    count (`int`_)

    expirationDate (`datetime`_)
```

.. \_vim.fault.ExpiredFeatureLicense: ../../vim/fault/ExpiredFeatureLicense.rst

vim.fault.ExpiredAddonLicense

=====

:extends:

  `vim.fault.ExpiredFeatureLicense`\_

An ExpiredAddonLicense fault is thrown if an attempt to acquire an Addon license 'feature failed for count 'count'.

Attributes:

.. \_str: <https://docs.python.org/2/library/stdtypes.html>

.. \_vmodl.fault.NotEnoughLicenses: ../../vmodl/fault/NotEnoughLicenses.rst

vim.fault.InvalidEditionLicense

=====

:extends:

  `vmodl.fault.NotEnoughLicenses`\_

An ExpiredEditionLicense fault is thrown if an attempt to acquire an Edition license 'feature failed for count 'count'.

Attributes:

  feature (`str`_``)

.. \_vim.fault.ExpiredFeatureLicense: ../../vim/fault/ExpiredFeatureLicense.rst

vim.fault.ExpiredEditionLicense

=====

:extends:

  `vim.fault.ExpiredFeatureLicense`\_

An ExpiredEditionLicense fault is thrown if an attempt to acquire an Edition license 'feature failed for count 'count'.

Attributes:

.. \_str: <https://docs.python.org/2/library/stdtypes.html>

.. \_vim.LicenseManager.LicenseSource: ../../vim/LicenseManager/LicenseSource.rst

vim.LicenseManager.LocalLicense

=====

Specify license key data to store locally.

:extends: vim.LicenseManager.LicenseSource\_

Attributes:

licenseKeys (`str`\_):

The size of this string is implementation dependent. It must contain ASCII or ISO Latin-1 characters only.

.. \_long: <https://docs.python.org/2/library/stdtypes.html>

.. \_VI API 2.5: ../../vim/version.rst#vimversionversion2

.. \_vim.LicenseManager.LicenseSource: ../../vim/LicenseManager/LicenseSource.rst

vim.LicenseManager.EvaluationLicense

=====

Specify an evaluation license source. Feature licensing is not required while the remaining hours is greater than zero.

:extends: vim.LicenseManager.LicenseSource\_

:since: `VI API 2.5`\_

Attributes:

remainingHours (`long`\_, optional):

The number of remaining hours before product evaluation expires

.. \_vmodl.RuntimeFault: ../../vmodl/RuntimeFault.rst

vmodl.fault.NotEnoughLicenses

=====

:extends:

  `vmodl.RuntimeFault`\_

A NotEnoughLicensesFault occurs when an operation fails because there are not enough licenses installed.

Attributes:

pyVmomi

=====

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### 2.333 rc-time-picker 2.2.1

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73ryR0xWMFnpGqg=
=bMTb
```

-----END PGP PUBLIC KEY BLOCK-----

Runar Bjarnason

runar@functionaljava.org

-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: PGP Key Server 0.9.6

```
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-----END PGP PUBLIC KEY BLOCK-----

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-----BEGIN PGP PUBLIC KEY BLOCK-----  
Version: GnuPG v1.2.4 (Darwin)

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=BwVm  
-----END PGP PUBLIC KEY BLOCK-----

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## 2.357 scaposer\_2.10 1.7

## 2.358 scrooge-core\_2.10 3.13.2

## 2.359 scrooge-runtime\_2.10 3.13.2

## 2.360 scrooge-serializer\_2.10 3.13.2

## 2.361 sdparm 1.08

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This package was debianized by Tomas Fasth <tomfa@debian.org> on  
Wed, 8 Jun 2005 23:48:13 +0000.

It was downloaded from <http://sg.danny.cz/sg/p/sdparm-0.93.tgz>

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## 2.362 serializer 2.7.2

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 */
/*
```

```

* $Id: Version.src 1225426 2011-12-29 04:13:08Z mrglavas $
*/
package org.apache.xalan;

/**
 * Administrative class to keep track of the version number of
 * the Xalan release.
 * <P>This class implements the upcoming standard of having
 * org.apache.project-name.Version.getVersion() be a standard way
 * to get version information. This class will replace the older
 * org.apache.xalan.processor.Version class.</P>
 * <P>See also: org/apache/xalan/res/XSLTInfo.properties for
 * information about the version of the XSLT spec we support.</P>
 * @xsl.usage general
 */
public class Version
{

/**
 * Get the basic version string for the current Xalan release.
 * Version String formatted like
 * <CODE>"<B>Xalan</B> <B>Java</B> v.r[.dd] <B>D</B>"</CODE>.
 *
 * Futurework: have this read version info from jar manifest.
 *
 * @return String denoting our current version
 */
public static String getVersion()
{
    return getProduct()+" "+getImplementationLanguage()+" "
        +getMajorVersionNum()+"."+getReleaseVersionNum()+"."
        +(getDevelopmentVersionNum() > 0) ?
        ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum());
}

/**
 * Print the processor version to the command line.
 *
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
    System.out.println(getVersion());
}

/**
 * Name of product: Xalan.
 */

```

```

public static String getProduct()
{
    return "Xalan";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
    return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a
 *     significant, externally apparent enhancement from
 *     the previous release. 'n' represents the n'th
 *     version.
 *
 *     Clients should carefully consider the implications
 *     of new versions as external interfaces and behaviour
 *     may have changed.
 */
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

/**
 * Release Number.
 * Release number. This changes when:
 *     - a new set of functionality is to be added, eg,
 *       implementation of a new W3C specification.
 *     - API or behaviour change.
 *     - its designated as a reference release.
 */
public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 *     drop applied to a specific release and contains

```

```

*      fixes for defects reported. It maintains compatibility
*      with the release and contains no API changes.
*      When missing, it designates the final and complete
*      development drop for a release.
*/
public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
}

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 *
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 *
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.
 */
public static int getDevelopmentVersionNum()
{
    try {
        if ((new String("@version.DEVELOPER@")).length() == 0)
            return 0;
        else
            return Integer.parseInt("@version.DEVELOPER@");
    } catch (NumberFormatException nfe) {
        return 0;
    }
}
}

```

## 2.363 servlet-api 2.5

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```

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## 2.364 servo-core 0.5.2

## 2.365 setuptools 35.0.1

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## 2.368 SLF4J API Module 1.7.25

### 2.369 slf4j-api 1.7.2

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```

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```
*
```

```
*/
```

```
package org.slf4j;
```

```
import org.slf4j.helpers.BasicMarkerFactory;
```

```
import org.slf4j.helpers.Util;
```

```
import org.slf4j.impl.StaticMarkerBinder;
```

```
/**
```

```
* MarkerFactory is a utility class producing { @link Marker } instances as
```

```
* appropriate for the logging system currently in use.
```

```
*
```

```
* <p>
```

```
* This class is essentially implemented as a wrapper around an
```

```
* { @link IMarkerFactory } instance bound at compile time.
```

```
*
```

```
* <p>
```

```
* Please note that all methods in this class are static.
```

```

*
* @author Ceki G&uuml;lc&uuml;
*/
public class MarkerFactory {
    static IMarkerFactory markerFactory;

    private MarkerFactory() {
    }

    static {
        try {
            markerFactory = StaticMarkerBinder.SINGLETON.getMarkerFactory();
        } catch (NoClassDefFoundError e) {
            markerFactory = new BasicMarkerFactory();

        } catch (Exception e) {
            // we should never get here
            Util.report("Unexpected failure while binding MarkerFactory", e);
        }
    }

    /**
     * Return a Marker instance as specified by the name parameter using the
     * previously bound { @link IMarkerFactory }instance.
     *
     * @param name
     *     The name of the { @link Marker } object to return.
     * @return marker
     */
    public static Marker getMarker(String name) {
        return markerFactory.getMarker(name);
    }

    /**
     * Create a marker which is detached (even at birth) from the MarkerFactory.
     *
     * @param name the name of the marker
     * @return a dangling marker
     * @since 1.5.1
     */
    public static Marker getDetachedMarker(String name) {
        return markerFactory.getDetachedMarker(name);
    }

    /**
     * Return the { @link IMarkerFactory }instance in use.
     *
     * <p>The IMarkerFactory instance is usually bound with this class at

```

```

* compile time.
*
* @return the IMarkerFactory instance in use
*/
public static IMarkerFactory getIMarkerFactory() {
    return markerFactory;
}
}

```

## 2.372 slf4j-log4j12 1.7.2

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```

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```
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## 2.380 StAX API 1.0.1

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/\* Stax2 API extension for Streaming API for XML processing (StAX).

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```
ignore
scl/syslogconf/convert-syslogconf.awk$
.*/*\.am$
.*\.(yml|md|yml|txt|xml|xsd|log|key|crt|files|in|conf)\.example|gradle|mk|supp|sub|guess|list|pc\.cmake)$
.*[/^]+-grammar\.[ch]$
(.*?)?(README|\.gitignore|pylintrc)$
lib/ivykis
lib/jsonc
modules/afamqp/rabbitmq-c
modules/afmongodb/mongo-c-driver
modules/java/org_syslog_ng_[^/_-]+\.[h$
modules/(afmongodb|afamqp)/dummy\.c$
dev-utils/plugin_skeleton_creator/plugin_template.*
```

```

(lib|modules)/.*\.conf$
dist\.conf$
.*\.\.gradle
scl/syslog-ng\.conf$
tests/copyright/policy$
(syslog-ng-)?config\.h$
lib/cfg-lex\.[ch]$
tgz2build
autom4te\.cache
m4
Mk
.*\.(a|bin|class|css|dirstamp|html|idx|jar|js|o|la|lai|lo|MF|persist|Plo|Po|pc|pyc|so|so\.\0\.\0\.\0|soT|spec|trs)$
(.*?)?Makefile$
doc/man
(_configs\.sed|\.\project|\.\cproject|config\.status)$
stamp-h1$
tests/functional/test\.conf$
scripts/update-patterndb$
(contrib|debian)
doc/ChangeLog\.[0-9]$
(\.gitmodules|AUTHORS|COPYING|INSTALL|VERSION|aclocal\.\m4|compile|configure|depcomp|install-
sh|libtool|ltmain\.\sh|missing|test-driver|ylwrap)$
.*[/^\.]*$
LGPLv2.1+_SSL
autogen\.sh$
cmake
sub-configure\.sh$
configure\.ac$
Makefile\.am$
lib/(compat|control|debugger|filter|logproto|parser|rewrite|stats|template|tests|transport|logmsg|value-pairs|[/^\.]*$)
lib/scanner/csv-scanner
libtest
syslog-ng(-ctl)?
modules/java-modules/common
modules/java/(native|proxies|src)
modules/native
GPLv2+_SSL
dev-utils/plugin_skeleton_creator/create_plugin.sh
tests
modules/java/(tools|[/^\.]*$)
modules/java-modules/(dummy|elastic|elastic-v2|hdfs|http|kafka|[/^\.]*$)
modules/(afamqp|affile|afmongodb|afprog|afsmtp|afsocket|afsql|afstomp|afstreams|afuser|basicfuncs|cef|confgen|cry
ptofuncs|csvparser|date|diskq|dbparser|geoip|graphite|json|kvformat|linux-kmsg-
format|pacctformat|pseudofile|python|redis|riemann|syslogformat|systemd-journal|system-source|[/^\.]*$)
modules/add-contextual-data
scl
scripts
GPLv2+_SSL,non-balabit

```

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Version 1.1

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```
ignore
scl/syslogconf/convert-syslogconf.awk$
.*/*.am$
.*\.(yaml|md|y|l|txt|xml|xsd|log|key|crt|files|in|conf|.example|gradle|mk|supp|sub|guess|list|pc|.cmake)$
.*[/^/]+-grammar\.[ch]$
(./)?(README|\.gitignore|pylintrc)$
lib/ivykis
lib/jsonc
modules/afamqp/rabbitmq-c
modules/afmongodb/mongo-c-driver
modules/java/org_syslog_ng_[^./_-]+\.[h]$
modules/(afmongodb|afamqp)/dummy\.[c]$
dev-utils/plugin_skeleton_creator/plugin_template.*
(lib|modules)/.*\.[conf]$
dist\.[conf]$
.*\.[gradle]
scl/syslog-ng\.[conf]$
tests/copyright/policy$
(syslog-ng-)?config\.[h]$
lib/cfg-lex\.[ch]$
tgz2build
autom4te\.[cache]
m4
Mk
.*\.(a|bin|class|css|dirstamp|html|idx|jar|js|o|la|lai|lo|MF|persist|Plo|Po|pc|pyc|so|so\.\0\.\0\.\0|soT|spec|trs)$
(./)?Makefile$
doc/man
(_configs)\.sed|\.[project]\.[cproject|config]\.[status]$
stamp-h1$
tests/functional/test\.[conf]$
scripts/update-patterndb$
(contrib|debian)
doc/ChangeLog\.[0-9]$
(\.gitmodules|AUTHORS|COPYING|INSTALL|VERSION|aclocal\.[m4]|compile|configure|depcomp|install-
sh|libtool|ltmain\.[sh]|missing|test-driver|ylwrap)$
.*[/^./]*$
LGPLv2.1+_SSL
autogen\.[sh]$
cmake
sub-configure\.[sh]$
configure\.[ac]$
Makefile\.[am]$
lib/(compat|control|debugger|filter|logproto|parser|rewrite|stats|template|tests|transport|logmsg|value-pairs|[/^/]*$)
lib/scanner/csv-scanner
```

libtest  
syslog-ng(-ctl)?  
modules/java-modules/common  
modules/java/(native|proxies|src)  
modules/native  
GPLv2+\_SSL  
dev-utils/plugin\_skeleton\_creator/create\_plugin.sh  
tests  
modules/java/(tools|[^/]\*\$)  
modules/java-modules/(dummy|elastic|elastic-v2|hdfs|http|kafka|[^/]\*\$)  
modules/(afamqp|affile|afmongodb|afprog|afsmtp|afsocket|afsql|afstomp|afstreams|afuser|basicfuncs|cef|confgen|cry  
ptofuncs|csvparser|date|diskq|dbparser|geoip|graphite|json|kvformat|linux-kmsg-  
format|pacctformat|pseudofile|python|redis|riemann|syslogformat|systemd-journal|system-source|[^/]\*\$)  
modules/add-contextual-data  
scl  
scripts  
GPLv2+\_SSL,non-balabit  
modules/http

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```
ignore
scl/syslogconf/convert-syslogconf.awk$
.*/*.am$
.*\.(yml|md|y|l|txt|xml|xsd|log|key|crt|files|in|conf)\.example|gradle|mk|supp|sub|guess|list|pc\.cmake)$
.*[/^/]+-grammar\.[ch]$
(.*?)?(README|\.gitignore|pylintrc)$
lib/ivykis
lib/jsonc
modules/afamqp/rabbitmq-c
modules/afmongodb/mongo-c-driver
modules/java/org_syslog_ng_[^/_-]+\,h$
modules/(afmongodb|afamqp)/dummy\.c$
dev-utils/plugin_skeleton_creator/plugin_template.*
(lib|modules)/.*\.conf$
dist\.conf$
.*\.\.gradle
scl/syslog-ng\.conf$
tests/copyright/policy$
(syslog-ng-)?config\.h$
lib/cfg-lex\.[ch]$
tgz2build
autom4te\.cache
m4
Mk
.*\.(a|bin|class|css|dirstamp|html|idx|jar|js|o|la|lai|lo|MF|persist|Plo|Po|pc|pyc|so|so\.\0\.\0\.\0|soT|spec|trs)$
(.*?)?Makefile$
doc/man
```

```

(_configs|.sed|.project|.cproject|config|.status)$
stamp-h1$
tests/functional/test|.conf$
scripts/update-patterndb$
(contrib|debian)
doc/ChangeLog|. [0-9]$
(\\.gitmodules|AUTHORS|COPYING|INSTALL|VERSION|aclocal|.m4|compile|configure|depcomp|install-
sh|libtool|ltmain|.sh|missing|test-driver|ylwrap)$
.*[/^\\.]*$
LGPLv2.1+_SSL
autogen|.sh$
cmake
sub-configure|.sh$
configure|.ac$
Makefile|.am$
lib/(compat|control|debugger|filter|logproto|parser|rewrite|stats|template|tests|transport|logmsg|value-pairs|[/^]*$)
lib/scanner/csv-scanner
libtest
syslog-ng(-ctl)?
modules/java-modules/common
modules/java/(native|proxies|src)
modules/native
GPLv2+_SSL
dev-utils/plugin_skeleton_creator/create_plugin.sh
tests
modules/java/(tools|[/^]*$)
modules/java-modules/(dummy|elastic|elastic-v2|hdfs|http|kafka|[/^]*$)
modules/(afamqp|affile|afmongodb|afprog|afsmtp|afsocket|afsql|afstomp|afstreams|afuser|basicfuncs|cef|confgen|cry
ptofuncs|csvparser|date|diskq|dbparser|geoip|graphite|json|kvformat|linux-kmsg-
format|pacctformat|pseudofile|python|redis|riemann|syslogformat|systemd-journal|system-source|[/^]*$)
modules/add-contextual-data
scl
scripts
GPLv2+_SSL,non-balabit
modules/http

```

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src/udev/udevadm-hwdb.c

src/udev/udev-builtin.c

src/udev/udev-builtin-net\_id.c

src/udev/udev-builtin-net\_setup\_link.c  
src/udev/udev-builtin-hwdb.c  
src/udev/udev-builtin-btrfs.c  
src/udev/udev-builtin-keyboard.c  
src/udev/net/link-config.h  
src/udev/net/link-config.c  
src/udev/net/ethtool-util.c  
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- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
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- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
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- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
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- javaee\_8.xsd
- web-app\_4\_0.xsd
- web-common\_4\_0.xsd
- web-fragment\_4\_0.xsd

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- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
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- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd

- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
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- javaee\_5.xsd
- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
- web-app\_4\_0.xsd
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## 2.400 trustpool 1.6

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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>

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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

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## 2.401.2 GNU LESSER GENERAL PUBLIC LICENSE Version 2.1 :

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Version 2.1, February 1999

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as the successor of the GNU Library Public License, version 2, hence  
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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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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.

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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

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

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Version 3, 29 June 2007

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

## TERMS AND CONDITIONS

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Version 3, 29 June 2007

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## 2.402 Unzip 6.0-20ubuntu1

### 2.402.1 Available under license :

This is the Debian prepackaged version of "unzip", Info-Zip's fast, portable, zipfile decompression utility.

This package is currently maintained by Santiago Vila <sanvila@debian.org> and built from sources obtained from:

<ftp://ftp.info-zip.org/pub/infozip/src/unzip60.tgz>

The changes were fairly minimal, and consisted solely of adding various debian/\* files to the distribution, plus several miscellaneous fixes as reflected in the Debian changelog.

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---

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-----

There are currently two explicit copyrights on portions of UnZip code (at least, of which Info-ZIP is aware):

Jim Luther's Mac OS File Manager interface code; and Christopher Evans' MacBinaryIII coding code (for the MacOS port).. These copyrights are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered by the new Info-ZIP license. For details, please read the accompanying file LICENSE. The terms and conditions in this license supersede the copyright conditions of the contributions by Igor Mandrichenko (vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c), Mike White (Windows DLL code in "windll/\*"), Steve P. Miller (Pocket UnZip GUI "wince/\*"), and Mark Adler (inflate/explode decompression core routines, previously put into the public domain). All these Info-ZIP contributors (or "primary" authors) have permitted us to replace their copyright notes by the Info-ZIP License.

Frequently Asked Questions regarding (re)distribution of Zip and UnZip are near the end of this file.

There are no known patents on any of the code in UnZip. Unisys claims a patent on LZW encoding and on LZW decoding \_in an apparatus that performs LZW encoding\_, but the patent appears to exempt a stand-alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed otherwise, but the issue has never been tested in court. Since this point is unclear, unshrinking is not enabled by default. It is the responsibility of the user to make his or her peace with Unisys and its licensing requirements. (unshrink.c may be removed from future releases altogether.)

---

The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP Licence. Therefore, support for the reduce method has been removed.

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

The following copyright applies to the Mac OS File Manager interface code (macos/source/macstuff.[ch]), distributed with UnZip 5.4 and later:

```
* MoreFiles
*
* A collection of File Manager and related routines
*
* by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
* with significant code contributions by Nitin Ganatra
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- \* MacBinaryIII.h
- \*
- \* Copyright 1997 Christopher Evans (cevens@poppybank.com)
- \*
- \* Basic encoding and decoding of Macintosh files to the
- \* MacBinary III spec.
- \* -----
- \* This source is copyrighted by Christopher Evans (cevens@poppybank.com)
- \* (available at ftp://ftp.lazerware.com/MacBinaryIII\_src\_C.sit
- \* homepage of Leonard Rosenthol leonardr@netcom.com)

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-----

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Regarding the first stipulation, Mr. Smith was tracked down in southern California some years back [Samuel H. Smith, The Tool Shop; as of mid-

May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS),  
71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

Note that the third and fourth stipulations still apply to any company that wishes to incorporate the unreduced code into its products; if you wish to do so, you must contact Mr. Smith directly regarding licensing.

-----

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-----

The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

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## 2.403 upstart 1.13.2 :0ubuntu21.1

### 2.403.1 Available under license :

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Version 2, June 1991

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**2.405 util-codec\_2.10 6.14.0**

**2.406 util-collection\_2.10 6.14.0**

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**2.408 util-hashing\_2.10 6.14.0**

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## 2.412 vjjava 5.5.0.8sp

### 2.412.1 Available under license :

```
/*=====
```

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```
=====*/
```

```
package com.vmware.vim25;
```

```
/**
```

```
* @author Steve Jin (http://www.doublecloud.org)
```

```
* @version 5.1
```

\*/

```
@SuppressWarnings("all")
public class NotEnoughLicenses extends RuntimeException {
}
```

/\*=====

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=====\*/

```
package com.vmware.vim25;
```

/\*\*

\* @author Steve Jin (<http://www.doublecloud.org>)

\* @version 5.1

\*/

```
@SuppressWarnings("all")
public class InvalidEditionLicense extends NotEnoughLicenses {
    public String feature;
```

```
    public String getFeature() {
```

```

return this.feature;
}

public void setFeature(String feature) {
    this.feature=feature;
}
}
/*=====

```

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=====\*/

```
package com.vmware.vim25;
```

```
/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */
```

```
@SuppressWarnings("all")
public class ExpiredEditionLicense extends ExpiredFeatureLicense {
}
```

/\*=====

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=====\*/

package com.vmware.vim25;

/\*\*

\* @author Steve Jin (<http://www.doublecloud.org>)

\* @version 5.1

\*/

@SuppressWarnings("all")

```
public class ExpiredAddonLicense extends ExpiredFeatureLicense {  
}
```

/\*=====

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=====\*/

```
package com.vmware.vim25;
```

```
/**
```

```
 * @author Steve Jin (http://www.doublecloud.org)
```

```
 * @version 5.1
```

```
*/
```

```
@SuppressWarnings("all")
```

```
public class Permission extends DynamicData {
```

```
    public ManagedObjectReference entity;
```

```
    public String principal;
```

```
    public boolean group;
```

```
    public int roleId;
```

```
    public boolean propagate;
```

```
    public ManagedObjectReference getEntity() {
```

```
        return this.entity;
```

```
    }
```

```
    public String getPrincipal() {
```

```
        return this.principal;
```

```
    }
```

```
    public boolean isGroup() {
```

```

    return this.group;
}

public int getRoleId() {
    return this.roleId;
}

public boolean isPropagate() {
    return this.propagate;
}

public void setEntity(ManagedObjectReference entity) {
    this.entity=entity;
}

public void setPrincipal(String principal) {
    this.principal=principal;
}

public void setGroup(boolean group) {
    this.group=group;
}

public void setRoleId(int roleId) {
    this.roleId=roleId;
}

public void setPropagate(boolean propagate) {
    this.propagate=propagate;
}
}
}

```

```

/*=====
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```

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=====\*/

```
package com.vmware.vim25;
```

```
/**
```

```
 * @author Steve Jin (http://www.doublecloud.org)
```

```
 * @version 5.1
```

```
 */
```

```
@SuppressWarnings("all")
```

```
public class VmLimitLicense extends NotEnoughLicenses {  
    public int limit;
```

```
    public int getLimit() {  
        return this.limit;  
    }
```

```
    public void setLimit(int limit) {  
        this.limit=limit;  
    }  
}
```

```
/*=====
```

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=====\*/

```
package com.vmware.vim25;
```

```
/**
```

```
 * @author Steve Jin (http://www.doublecloud.org)
```

```
 * @version 5.1
```

```
 */
```

```
@SuppressWarnings("all")
```

```
public class VramLimitLicense extends NotEnoughLicenses {
```

```
    public int limit;
```

```
    public int getLimit() {
```

```
        return this.limit;
```

```
    }
```

```
    public void setLimit(int limit) {
```

```
        this.limit=limit;
```

```
    }
```

```
}
```

```
/*=====
```

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=====\*/

```
package com.vmware.vim25;
import java.util.Calendar;
```

```
/**
```

```
* @author Steve Jin (http://www.doublecloud.org)
```

```
* @version 5.1
```

```
*/
```

```
@SuppressWarnings("all")
```

```
public class ExpiredFeatureLicense extends NotEnoughLicenses {
```

```
    public String feature;
```

```
    public int count;
```

```
    public Calendar expirationDate;
```

```
    public String getFeature() {
```

```
        return this.feature;
```

```
    }
```

```
    public int getCount() {
```

```
        return this.count;
```

```
    }
```

```
    public Calendar getExpirationDate() {
```

```
        return this.expirationDate;
```

```
    }
```

```
    public void setFeature(String feature) {
```

```
        this.feature=feature;
```

```
    }
```

```

public void setCount(int count) {
    this.count=count;
}

public void setExpirationDate(Calendar expirationDate) {
    this.expirationDate=expirationDate;
}
}

```

```

/*=====

```

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```

=====*/

```

```

package com.vmware.vim25;

```

```

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

```

```

@SuppressWarnings("all")
public class InvalidLicense extends VimFault {

```

```

public String licenseContent;

public String getLicenseContent() {
    return this.licenseContent;
}

public void setLicenseContent(String licenseContent) {
    this.licenseContent=licenseContent;
}
}

```

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## 2.413 vim25 5.5

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```

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```

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=====\*/

```
package com.vmware.vim25;
import java.util.Calendar;
```

```
/**
```

```
 * @author Steve Jin (http://www.doublecloud.org)
```

```
 * @version 5.1
```

```
 */
```

```
@SuppressWarnings("all")
```

```
public class ExpiredFeatureLicense extends NotEnoughLicenses {
    public String feature;
    public int count;
    public Calendar expirationDate;
```

```
    public String getFeature() {
        return this.feature;
    }
```

```
    public int getCount() {
        return this.count;
    }
```



```
public Calendar getExpirationDate() {
    return this.expirationDate;
}

public void setFeature(String feature) {
    this.feature=feature;
}

public void setCount(int count) {
    this.count=count;
}

public void setExpirationDate(Calendar expirationDate) {
    this.expirationDate=expirationDate;
}
}
}
/*=====
```

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=====\*/

```
package com.vmware.vim25;
```

```

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class ExpiredAddonLicense extends ExpiredFeatureLicense {
}
/*=====
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```

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=====\*/

```
package com.vmware.vim25;
```

```

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

@SuppressWarnings("all")
public class VmLimitLicense extends NotEnoughLicenses {

```

```
public int limit;

public int getLimit() {
    return this.limit;
}

public void setLimit(int limit) {
    this.limit=limit;
}
}
```

/\*=====
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=====\*/

```
package com.vmware.vim25;
```

```
/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */
```

```
@SuppressWarnings("all")
```

```

public class VramLimitLicense extends NotEnoughLicenses {
    public int limit;

    public int getLimit() {
        return this.limit;
    }

    public void setLimit(int limit) {
        this.limit=limit;
    }
}

```

```

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```

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```

=====*/

```

```

package com.vmware.vim25;

```

```

/**
 * @author Steve Jin (http://www.doublecloud.org)
 * @version 5.1
 */

```

```
@SuppressWarnings("all")
public class Permission extends DynamicData {
    public ManagedObjectReference entity;
    public String principal;
    public boolean group;
    public int roleId;
    public boolean propagate;

    public ManagedObjectReference getEntity() {
        return this.entity;
    }

    public String getPrincipal() {
        return this.principal;
    }

    public boolean isGroup() {
        return this.group;
    }

    public int getRoleId() {
        return this.roleId;
    }

    public boolean isPropagate() {
        return this.propagate;
    }

    public void setEntity(ManagedObjectReference entity) {
        this.entity=entity;
    }

    public void setPrincipal(String principal) {
        this.principal=principal;
    }

    public void setGroup(boolean group) {
        this.group=group;
    }

    public void setRoleId(int roleId) {
        this.roleId=roleId;
    }

    public void setPropagate(boolean propagate) {
        this.propagate=propagate;
    }
}
```

/\*=====

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=====\*/

package com.vmware.vim25;

/\*\*

\* @author Steve Jin (<http://www.doublecloud.org>)

\* @version 5.1

\*/

@SuppressWarnings("all")

```
public class NotEnoughLicenses extends RuntimeException {  
}
```

/\*=====

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```

```
/**
```

```
 * @author Steve Jin (http://www.doublecloud.org)
```

```
 * @version 5.1
```

```
*/
```

```
@SuppressWarnings("all")
```

```
public class InvalidLicense extends VimFault {  
    public String licenseContent;
```

```
    public String getLicenseContent() {  
        return this.licenseContent;  
    }
```

```
    public void setLicenseContent(String licenseContent) {  
        this.licenseContent=licenseContent;  
    }  
}
```

```
/*=====
```

```
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```

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```

```
/**
```

```
 * @author Steve Jin (http://www.doublecloud.org)
```

```
 * @version 5.1
```

```
 */
```

```
@SuppressWarnings("all")
```

```
public class InvalidEditionLicense extends NotEnoughLicenses {  
    public String feature;
```

```
    public String getFeature() {  
        return this.feature;  
    }  
}
```

```
    public void setFeature(String feature) {  
        this.feature=feature;  
    }  
}
```

```
/*=====
```

```
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```

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```

```
/**
```

```
 * @author Steve Jin (http://www.doublecloud.org)
```

```
 * @version 5.1
```

```
 */
```

```
@SuppressWarnings("all")
```

```
public class ExpiredEditionLicense extends ExpiredFeatureLicense {  
}
```

```
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## 2.414 wamerican 7.1-1

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It was downloaded from:

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## 2.416 winrm Master

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## 2.417 winrm4j 0.5.0

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Client application for querying drivers' configuration information

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## 2.432 xmlunit-matchers 2.3.0

## 2.433 xorg-sgml-doctools 1.11 :1

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## 2.436 zap 1.7.1

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## 2.437 zip 3.0-11+b1

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## RECORD

Carriage\_Control carriage\_return

Format stream\_lf

# 2.438 zookeeper 3.4.12

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- javaee\_web\_services\_1\_3.xsd
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| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
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| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
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A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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#### Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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Floating point exception control  
-----

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## MD5 message digest algorithm

-----

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

<http://www.ietf.org/rfc/rfc1321.txt>

The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of `md5.h` is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

- 2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
- 1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
- 1999-10-18 lpd Fixed typo in header comment (`ansi2knr` rather than `md5`); added conditionalization for C++ compilation from Martin

Purschke <purschke@bnl.gov>.  
1999-05-03 lpd Original version.

Asynchronous socket services

-----

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Execution tracing

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UUencode and UUdecode functions

-----

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

#### XML Remote Procedure Calls

-----

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Select kqueue  
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strtod and dtoa  
-----

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## OpenSSL

-----

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#### A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a

non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release        | Derived from | Year      | Owner      | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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# 5.8 pyvmomi 6.5.0.2017.5 :1

## 5.8.1 Available under license :

.. \_int: <https://docs.python.org/2/library/stdtypes.html>

.. \_str: <https://docs.python.org/2/library/stdtypes.html>

.. \_bool: <https://docs.python.org/2/library/stdtypes.html>

.. \_vmodl.DynamicData: ../../vmodl/DynamicData.rst

.. \_vim.ManagedEntity: ../../vim/ManagedEntity.rst

vim.AuthorizationManager.Permission

=====

This data object type provides assignment of some role access to a principal on a specific entity. A ManagedEntity is limited to one permission per principal.

:extends: vmodl.DynamicData\_

Attributes:

entity (`vim.ManagedEntity`\_, optional):

Managed entity the permission is defined on. Left unset when calling setPermissions or resetPermissions, but present for the results of permission queries.

principal (`str`\_):

User or group receiving access in the form of "login" for local or "DOMAIN\login" for users in a Windows domain.

group (`bool`\_):

Whether principal refers to a user or a group. True for a group and false for a user.

roleId (`int`\_):

Reference to the role providing the access.

propagate (`bool`\_):

Whether or not this permission propagates down the hierarchy to sub-entities.

.. \_str: <https://docs.python.org/2/library/stdtypes.html>

.. \_vim.fault.VimFault: ../../vim/fault/VimFault.rst

vim.fault.InvalidLicense

=====

:extends:

``vim.fault.VimFault`_`

Thrown when an attempt is made to upload license content that is invalid.

Attributes:

```
    licenseContent (`str`_)
.. _int: https://docs.python.org/2/library/stdtypes.html

.. _vmodl.fault.NotEnoughLicenses: ../../vmodl/fault/NotEnoughLicenses.rst
```

`vim.fault.VramLimitLicense`

=====

:extends:

``vmodl.fault.NotEnoughLicenses`_`

A `VramLimitLicense` fault is thrown if executing an operation would result in exceeding maximum allowed vRAM amount. For example, this could happen when powering on a VM, hot-plugging memory into a running VMm, etc.

Attributes:

```
    limit (`int`_)
.. _int: https://docs.python.org/2/library/stdtypes.html

.. _vmodl.fault.NotEnoughLicenses: ../../vmodl/fault/NotEnoughLicenses.rst
```

`vim.fault.VmLimitLicense`

=====

:extends:

``vmodl.fault.NotEnoughLicenses`_`

A `VmLimitLicense` fault is thrown if powering on the virtual machine would exceed the maximum number of running virtual machines allowed.

Attributes:

```
    limit (`int`_)
.. _int: https://docs.python.org/2/library/stdtypes.html

.. _str: https://docs.python.org/2/library/stdtypes.html

.. _datetime: https://docs.python.org/2/library/stdtypes.html

.. _vmodl.fault.NotEnoughLicenses: ../../vmodl/fault/NotEnoughLicenses.rst
```

vim.fault.ExpiredFeatureLicense

=====

:extends:

  `vmodl.fault.NotEnoughLicenses`\_

An ExpiredFeatureLicense fault is thrown if an attempt to acquire an Addon license 'feature failed for count 'count'.

Attributes:

  feature (`str`\_)

  count (`int`\_)

  expirationDate (`datetime`\_)

.. \_vim.fault.ExpiredFeatureLicense: ../../vim/fault/ExpiredFeatureLicense.rst

vim.fault.ExpiredAddonLicense

=====

:extends:

  `vim.fault.ExpiredFeatureLicense`\_

An ExpiredAddonLicense fault is thrown if an attempt to acquire an Addon license 'feature failed for count 'count'.

Attributes:

.. \_str: <https://docs.python.org/2/library/stdtypes.html>

.. \_vmodl.fault.NotEnoughLicenses: ../../vmodl/fault/NotEnoughLicenses.rst

vim.fault.InvalidEditionLicense

=====

:extends:

  `vmodl.fault.NotEnoughLicenses`\_

An ExpiredEditionLicense fault is thrown if an attempt to acquire an Edition license 'feature failed for count 'count'.

Attributes:

  feature (`str`\_)

.. \_vim.fault.ExpiredFeatureLicense: ../../vim/fault/ExpiredFeatureLicense.rst

vim.fault.ExpiredEditionLicense

=====

:extends:

  `vim.fault.ExpiredFeatureLicense`\_

An ExpiredEditionLicense fault is thrown if an attempt to acquire an Edition license 'feature failed for count 'count'.

Attributes:

.. \_str: <https://docs.python.org/2/library/stdtypes.html>

.. \_vim.LicenseManager.LicenseSource: ../../vim/LicenseManager/LicenseSource.rst

vim.LicenseManager.LocalLicense

=====

Specify license key data to store locally.

:extends: vim.LicenseManager.LicenseSource\_

Attributes:

  licenseKeys (`str`\_):

    The size of this string is implementation dependent. It must contain ASCII or ISO Latin-1 characters only.

.. \_long: <https://docs.python.org/2/library/stdtypes.html>

.. \_VI API 2.5: ../../vim/version.rst#vimversionversion2

.. \_vim.LicenseManager.LicenseSource: ../../vim/LicenseManager/LicenseSource.rst

vim.LicenseManager.EvaluationLicense

=====

Specify an evaluation license source. Feature licensing is not required while the remaining hours is greater than zero.

:extends: vim.LicenseManager.LicenseSource\_

:since: `VI API 2.5`\_

Attributes:

  remainingHours (`long`\_, optional):

    The number of remaining hours before product evaluation expires

.. \_vmodl.RuntimeFault: ../../vmodl/RuntimeFault.rst

vmodl.fault.NotEnoughLicenses

=====

:extends:

`\vmodl.RuntimeFault`\_

A NotEnoughLicensesFault occurs when an operation fails because there are not enough licenses installed.

Attributes:

pyVmomi

=====

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```
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Version 3, 29 June 2007

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- >>> c-ares-1.10.0
- >>> curl-7.50.0
- >>> curl-7.50.1
- >>> expat-1.95.8-2
- >>> expat-2.2.0
- >>> google-url-r147
- >>> icu-data-4.4-1
- >>> icu4c-4.4.1
- >>> icu4c-4.4.1-2
- >>> libpng-1.2.56
- >>> openldap-2.4.39
- >>> openssl-1.0.2k
- >>> rapidjson-0.1
- >>> xf86-input-synaptics-1.0.0
- >>> xorg-7.3
- >>> zlib-1.2.8

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>>> xerces-c-3.1.4

SECTION 3: GNU General Public License, V2.0

>>> libgcrypt-1.4.3

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match.S -- optimized version of longest\_match()

based on the similar work by Gilles Vollant, and Brian Raiter, written 1998

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zpipe.c: example of proper use of zlib's inflate() and deflate()

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Version 1.4 11 December 2005 Mark Adler

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```
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Version 2.1, February 1999

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[OVFTOOL420GASR062917]

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Upstream-Contact: Bruce Korb <bkorb@gnu.org>

Source: <ftp://ftp.gnu.org/gnu/autogen/>

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## 6.7 cgmanager 0.39-2ubuntu5

### 6.7.1 Available under license :

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src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java contains  
test data from <http://aspell.sourceforge.net/test/batch0.tab>.

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## 6.9 coreutils 8.25-2ubuntu3~16.04

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Version 3, 29 June 2007

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```
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```

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# 6.11 cracklib 2.9.2-1build2

## 6.11.1 Available under license :

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: cracklib

Upstream-Contact: Nathan Neulinger <nneul@umr.edu>

Source: <http://sourceforge.net/projects/cracklib>

Files: \*

Copyright: 1993 Alec Muffett <alecm@crypto.dircon.co.uk>

2005-2014 Nathan Neulinger <nneul@umr.edu>

2008-2014 Jan Dittberner <jan@dittberner.info>

License: LGPL-2.1

Comment:

Starting from version 2.8.15 released on 2009-11-19 cracklib is licensed under the terms of the LGPL 2.1. For a detailed discussion and history see README-LICENSE.

Files: debian/\*

Copyright: 1998 Jean Pierre LeJacq

Martin Pitt <martin@piware.de>

Jan Dittberner <jandd@debian.org>

License: LGPL-2.1

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EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

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Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=  
r=20

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists  
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly  
and see if he wants to relicense his code as LGPL... but at this point,  
it was enough to just get it consistent and documented as to what it was  
released under. This wasn't actually a license change, just a  
clarification of the licensing that was already in place.=20

-- Nathan

=20

-----  
Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing

> libraries under

> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

> -mike

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

> I understand that, and you're welcome to bring it up with Alec directly



> and see if he wants to relicense his code as LGPL... but at this point,  
> it was enough to just get it consistent and documented as to what it was  
> released under. This wasn't actually a license change, just a  
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20  
GPL-2 ... it was a modified artistic license ... i didnt notice the license=  
=20  
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=  
eir=20  
applications are also GPL-2 which imo is just wrong. it isnt the place of =  
a=20  
library to dictact to application writes what license they should be using.=  
=20  
thus LGPL-2.1 enters to fill this void.  
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro  
maintainers to get together with Alec in a conversation and come to a  
decision as to what licensing scheme y'all want. I haven't really done  
much other than cleaning up the packaging and patches and a small bit of  
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan  
=20

-----  
Nathan Neulinger EMail: nneul@um...  
University of Missouri - Rolla Phone: (573) 341-6679  
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...  
> [mailto:cracklib-devel-bounces@li...] On Behalf Of  
> Mike Frysinger  
> Sent: Monday, October 01, 2007 8:33 PM  
> To: Neulinger, Nathan  
> Cc: cracklib-devel@li...; Alec Muffett  
> Subject: Re: [Cracklib-devel] cracklib license

>=20

> On Monday 01 October 2007, Neulinger, Nathan wrote:

> > I understand that, and you're welcome to bring it up with Alec  
> directly

> > and see if he wants to relicense his code as LGPL... but at this

> point,  
>> it was enough to just get it consistent and documented as to what  
> it was  
>> released under. This wasn't actually a license change, just a  
>> clarification of the licensing that was already in place.  
>=20  
> the original license (before moving to sourceforge -- aka, 2.7) was  
> not  
> GPL-2 ... it was a modified artistic license ... i didnt notice the  
> license  
> change until it was mentioned in the latest notes.  
>=20  
> unlike the old license, GPL-2 prevents people from using cracklib  
> unless their  
> applications are also GPL-2 which imo is just wrong. it isnt the  
> place of a  
> library to dictact to application writes what license they should  
> be using.  
> thus LGPL-2.1 enters to fill this void.  
> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro  
> maintainers to get together with Alec in a conversation and come to a  
> decision as to what licensing scheme y'all want. I haven't really done  
> much other than cleaning up the packaging and patches and a small  
> bit of  
> additional code, so whatever licensing y'all come up with is fine  
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be  
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I think it is in everyone's  
best interests to have as secure systems as possible, and I think tainting  
it via GPL will just make it less likely that the library gets used, and  
will not usually cause companies/developers to GPL the dependent code  
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>> Seems like the ideal thing here would be for you and the other distro  
>> maintainers to get together with Alec in a conversation and come to a  
>> decision as to what licensing scheme y'all want. I haven't really done  
>> much other than cleaning up the packaging and patches and a small  
>> bit of  
>> additional code, so whatever licensing y'all come up with is fine  
>> by me.  
>  
> I am sympathetic. Guys, what do you reckon?  
>  
> What I am hearing so far is that LGPL makes sense, since it can be  
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:  
>>> Seems like the ideal thing here would be for you and the other distro  
>>> maintainers to get together with Alec in a conversation and come to a

>>> decision as to what licensing scheme y'all want. I haven't really done  
>>> much other than cleaning up the packaging and patches and a small  
>>> bit of  
>>> additional code, so whatever licensing y'all come up with is fine  
>>> by me.  
>>  
>> I am sympathetic. Guys, what do you reckon?  
>>  
>> What I am hearing so far is that LGPL makes sense, since it can be  
>> linked with any code, not just GPL...  
>  
> My apologies for not chiming in in anything resembling a reasonable  
> timeframe.  
>  
> I'd also suggest the LGPL, for the reason you noted above. Alternately,  
> GPLv2 with the option of using the library under a later version of the  
> GPL would permit applications which were released under version 3 of the  
> GPL to use the library, too, which would be sufficient for the packages  
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.  
>  
> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
the change now ?

-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.

>

> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

>>> In any case, I thank you both for working on sorting this out.

>>

>> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we  
>> make the change now ?

>  
> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...  
-mike

-----  
BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.  
-----

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-----  
From alecm@crypticide.com Mon Oct 1 12:26:03 2007  
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:03 -0500  
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:02 -0500  
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000  
Received: from smtp1.srv.mst.edu (131.151.1.43)  
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000  
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])  
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtp020623  
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500  
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])  
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311  
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)  
Received: from [82.68.43.14] (helo=[192.168.1.3])  
by rutherford.zen.co.uk with esmtp (Exim 4.50)  
id 1IcOcX-0004Qt-6L  
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000  
Mime-Version: 1.0 (Apple Message framework v752.2)

In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
References: <1190922867.3457.147.camel@localhost.localdomain>  
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>  
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed  
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>  
Content-Transfer-Encoding: 7bit  
From: Alec Muffett <alecm@crypticide.com>  
Subject: Re: cracklib license  
Date: Mon, 1 Oct 2007 17:59:46 +0100  
To: Nathan Neulinger <nneul@neulinger.org>  
X-Mailer: Apple Mail (2.752.2)  
X-Originating-Rutherford-IP: [82.68.43.14]  
Return-Path: alecm@crypticide.com  
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]  
Status: RO  
Content-Length: 585  
Lines: 21

>  
> ----- Forwarded message -----  
> From: Neulinger, Nathan <nneul@umr.edu>  
> Date: Sep 27, 2007 2:58 PM  
> Subject: RE: cracklib license  
> To: alecm@crypto.dircon.co.uk  
>  
> Any chance you could write me a self-contained email stating clearly  
> that the license is being changed to GPL, so I could include that  
> email  
> in the repository and clean up the repository/tarballs? I have all the  
> original discussion, but something succinct and self contained  
> would be  
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

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Version 2.1, February 1999

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[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.]

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author's reputation will not be affected by problems that might be introduced by others.

^L

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.

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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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- 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.

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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.

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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.

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## 6.17 dbus 1.10.6-1ubuntu3.3

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// Dependency for plugin was set in buildscript.gradle

```
subprojects {
  apply plugin: 'license' //nl.javadude.gradle.plugins.license.LicensePlugin
  license {
    header rootProject.file('codequality/HEADER')
    ext.year = Calendar.getInstance().get(Calendar.YEAR)
    skipExistingHeaders true
  }
}
```

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The full snowball package is available from  
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`contrib/analyzers/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt`,  
`contrib/analyzers/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt`,  
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`contrib/analyzers/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt`  
See <http://members.unine.ch/jacques.savoy/clef/index.html>.

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`contrib/analyzers/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java`



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contrib/analyzers/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java  
contrib/analyzers/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java  
contrib/analyzers/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java  
contrib/analyzers/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java  
contrib/analyzers/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java  
contrib/analyzers/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java  
contrib/analyzers/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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```
bcFullControl,Lcom/amazonaws/services/s3/model/Permission;ReadWriteReadAcpWriteAcppermissionStringLjava/lang/String;
```

```
headerName$VALUES-
```

```
[Lcom/amazonaws/services/s3/model/Permission;values/()[Lcom/amazonaws/services/s3/model/Permission;CodeLineNumberTablevalueOf@(Ljava/lang/String;)Lcom/amazonaws/services/s3/model/Permission;LocalVariableTable name<init>:(Ljava/lang/String;ILjava/lang/String;Ljava/lang/String;)Vthis
```

```
Signature'(Ljava/lang/String;Ljava/lang/String;)V
```

```
getHeaderName(Ljava/lang/String;toStringparsePermission
```

```
permissionarr$len$i$str<clinit>()V>Ljava/lang/Enum<Lcom/amazonaws/services/s3/model/Permission;>;
```

```
SourceFilePermission.java*++de*com/amazonaws/services/s3/model/Permission0f4g'()(-hijFULL_CONTROLx-amz-grant-full-control45!"READx-amz-grant-read#"WRITEx-amz-grant-write$"READ_ACPx-amz-grant-read-acp%" WRITE_ACPx-amz-grant-write-
```

```
acp&"java/lang/Enumclone()Ljava/lang/Object;5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Enum;(Ljava/lang/
```

```

String;I)Vjava/lang/Stringequals(Ljava/lang/Object;)Z@1 @!"@#"@$"@%@"&""(*+ ,-.
/ 01.5*/23(45.\*+*_/JKLM2 6""(789:./*/S26";./*/^26" <1.* L+=>+2:*
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capacitiesLjava/util/List;
SignatureDLjava/util/List<Lcom/amazonaws/services/ec2/model/LicenseCapacity;>;tags8Ljava/util/List<Lcom/ama
zonaws/services/ec2/model/Tag;>;<init>()VCodeLineNumberTableLocalVariableTablethis*Lcom/amazonaws/servi
ces/ec2/model/License;getLicenseId()Ljava/lang/String;setLicenseId(Ljava/lang/String;)V
withLicenseId>(Ljava/lang/String;)Lcom/amazonaws/services/ec2/model/License;getTypesetTypewithTypegetPool
setPoolwithPool
getCapacities()Ljava/util/List;F()Ljava/util/List<Lcom/amazonaws/services/ec2/model/LicenseCapacity;>;
setCapacities(Ljava/util/Collection;)VLjava/util/Collection;capacitiesCopyLocalVariableTypeTableJLjava/util/Colle
ction<Lcom/amazonaws/services/ec2/model/LicenseCapacity;>;M(Ljava/util/Collection<Lcom/amazonaws/services
/ec2/model/LicenseCapacity;>;)VwithCapacities_(Lcom/amazonaws/services/ec2/model/LicenseCapacity;)Lcom/a
mazonaws/services/ec2/model/License;value2Lcom/amazonaws/services/ec2/model/LicenseCapacity;arr$3[Lcom/a
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addAll(Ljava/util/Collection;)Zaddappend-(Ljava/lang/String;)Ljava/lang/StringBuilder;-
(Ljava/lang/Object;)Ljava/lang/StringBuilder;java/lang/String!#&'()*(+,-./,-0123/*4567893/*49567;;3>*+4
BC567'(<=3?+*4

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PQ567'(>93/\*4[567?;3>\*+4  
de567)(@=3?+\*4  
rs567)(A93/\*4}567B;3>\*+4  
567\*(C=3?+\*4  
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## 6.21 expat 2.1.0-7ubuntu0.16.04.3



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Description: Don't warn for \_BSD\_SOURCE || \_SVID\_SOURCE, drop post-vivid

Author: Adam Conrad <adconrad@ubuntu.com>

```
--- glibc-2.21.orig/include/features.h
+++ glibc-2.21/include/features.h
@@ -145,7 +145,10 @@
     transitioned to use the new macro. */
#if (defined _BSD_SOURCE || defined _SVID_SOURCE) \
    && !defined _DEFAULT_SOURCE
+/* Don't #warn about _BSD_SOURCE || _SVID_SOURCE, as it breaks -Werror
+ and we don't have time to check/fix everything before vivid release
# warning "_BSD_SOURCE and _SVID_SOURCE are deprecated, use _DEFAULT_SOURCE"
+*/
# undef _DEFAULT_SOURCE
# define _DEFAULT_SOURCE 1
#endif
```

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## 6.28 gnupg 1.4.20-1ubuntu3.1

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Julian Seward, [jseward@bzip.org](mailto:jseward@bzip.org)  
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## 6.29 gnutls 3.4.10-4ubuntu1.4

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It was later taken over by Matthias Urlichs <smurf@debian.org> and is now maintained by Andreas Metzler <ametzler@debian.org> Eric Dorland <eric@debian.org>, James Westby <jw+debian@jameswestby.net>

It was downloaded from <ftp://ftp.gnutls.org/gcrypt/gnutls/>

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Redesign and implementation of the buffering layer.  
Initial DTLS implementation.

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DTLS/TLS heartbeat implementation.

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Elliptic curve support improvements (wmNAF implementation and others).

Martin Storjo \*martin [at] martin.st\*

DTLS-SRTP support.

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#####

```
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## version 0.1  
##  
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2001, Paul Marquess <pmqs@cpan.org> (Version 2.x)

1999, Kenneth Albanowski <kjahds@kjahds.com> (Version 1.x)

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Files: debian-src/\*

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Files: tests/comparerenderer/icule/\*

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\*/

## 6.31 grub2 2.02~beta2-36ubuntu3.15

### 6.31.1 Available under license :

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Source: <http://www.gnu.org/software/grub/>

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From 2252bec27ecd3d0353d1868af5a5f325450cc1d2 Mon Sep 17 00:00:00 2001

From: dann frazier <dann.frazier@canonical.com>

Date: Thu, 21 May 2015 10:28:48 -0600

Subject: arm64/setjmp: Add missing license macro

Including the setjmp module in an arm64-efi image will cause it to immediately exit with an "incompatible license" error.

The source file includes a GPLv3+ boilerplate, so fix this by declaring a GPLv3+ license using the GRUB\_MOD\_LICENSE macro.

Signed-off-by: dann frazier <dann.frazier@canonical.com>

Bug-Ubuntu: <https://bugs.launchpad.net/bugs/1459871>

Origin: upstream,

<http://git.savannah.gnu.org/cgit/grub.git/commit/?id=3ac342205dc81293bb8e2d91b8c5ebe124b4ad35>

Patch-Name: arm64-setjmp-Add-missing-license-macro.patch

---

grub-core/lib/arm64/setjmp.S | 2 ++

1 file changed, 2 insertions(+)

diff --git a/grub-core/lib/arm64/setjmp.S b/grub-core/lib/arm64/setjmp.S

index adaafe4..eabfd99 100644

--- a/grub-core/lib/arm64/setjmp.S

+++ b/grub-core/lib/arm64/setjmp.S

@@ -17,8 +17,10 @@

\*/

#include <grub/symbol.h>

+#include <grub/dl.h>

.file "setjmp.S"

+GRUB\_MOD\_LICENSE "GPLv3+"

.text

/\*

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Version 3, 29 June 2007

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@c ispell-local-pdict: "ispell-dict"  
@c End:
```

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### 6.33.1 Available under license :

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There are many others who have contributed patches; we thank them,  
GTK+ is much better because of them.

Over time, GTK+ has incorporated some pieces of software which  
started as independent projects. We list the original authors here:

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-----

Raymond Penners  
Dom Lachowicz

Pixbuf theme engine

-----

Owen Taylor

IME input method

-----

Takuro Ashie  
Kazuki IWAMOTO

Mac OS X backend

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Anders Carlsson

DirectFB backend

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## 6.39 Java JRE 1.8.0u151

### 6.39.1 Available under license :

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SourceFile Eula.java com/sun/javafx/runtime/eula/Eula.java/lang/Object

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\*

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Apache Xerces Java 2.10.0  
Apache XML Resolver 1.1

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## 6.41 jbig-kit 2.1-3.1

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Upstream-Contact: <[michael@metaparadigm.com](mailto:michael@metaparadigm.com)>

Source: <https://github.com/json-c/json-c/wiki>

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## 6.43 kmod 22-1ubuntu5

### 6.43.1 Available under license :

This is the Debian GNU/Linux prepackaged version of kmod.

It has been packaged by Marco d'Itri <md@linux.it>.

Original sources were obtained from:

<http://www.kernel.org/pub/linux/utils/kernel/kmod/>

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## 6.46 libasyns 0.8-5build1

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Upstream-Contact: Lennart Poettering <mznflapaf@0pointer.de>

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## 6.47 libcap 2.24-12

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Upstream-Contact: Andrew G. Morgan <morgan@kernel.org>

Source: <https://www.kernel.org/pub/linux/libs/security/linux-privs/libcap2/>

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Upstream Author: Niels Provos <provos@citi.umich.edu>

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/\*

\* log.c

\*

\* Based on err.c, which was adapted from OpenBSD libc \*err\* \*warn\* code.

\*

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include/test\_libs\_common/\*

src/flac/\*

src/metaflac/\*

src/plugin\_common/charset.c

src/plugin\_common/charset.h

src/plugin\_common/dither.c

src/plugin\_common/replaygain.c

src/plugin\_common/replaygain.h

src/plugin\_xmms/\*

src/share/grabbag/picture.c

src/share/utf8/\*

src/test\_grabbag/\*

src/test\_libFLAC++/\*

src/test\_libFLAC/\*

src/test\_libs\_common/\*

src/test\_seeking/\*

src/test\_streams/\*

src/utis/flacdiff/\*

src/utis/flactimer/\*

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include/FLAC/\*  
include/share/alloc.h  
include/share/compat.h  
include/share/endswap.h  
include/share/macros.h  
include/share/private.h  
include/share/safe\_str.h  
include/share/win\_utf8\_io.h  
src/libFLAC++/\*  
src/libFLAC/\*  
src/share/grabbag/alloc.c  
src/share/grabbag/snprintf.c  
src/share/win\_utf8\_io/\*

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include/share/grabbag/cuesheet.h  
include/share/grabbag/file.h  
include/share/grabbag/replaygain.h  
include/share/grabbag/seektable.h  
include/share/replaygain\_analysis.h  
include/share/replaygain\_synthesis.h  
src/plugin\_common/all.h  
src/plugin\_common/defs.h  
src/plugin\_common/dither.h  
src/plugin\_common/tags.c  
src/plugin\_common/tags.h  
src/share/grabbag/cuesheet.c  
src/share/grabbag/file.c  
src/share/grabbag/replaygain.c  
src/share/grabbag/seektable.c  
src/share/replaygain\_analysis/\*  
src/share/replaygain\_synthesis/\*

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src/share/getopt/getopt1.c

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\* Equivalent code is available from RSA Data Security, Inc.

\* This code has been tested against that, and is equivalent,

\* except that you don't need to include two pages of legalese

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\*

\* To compute the message digest of a chunk of bytes, declare an

\* MD5Context structure, pass it to MD5Init, call MD5Update as

\* needed on buffers full of bytes, and then call MD5Final, which

\* will fill a supplied 16-byte array with the digest.

\*

\* Changed so as no longer to depend on Colin Plumb's `usual.h'

\* header definitions; now uses stuff from dpkg's config.h

\* - Ian Jackson <ijackson@nyx.cs.du.edu>.

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\* Josh Coalsen: made some changes to integrate with libFLAC.

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<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
<meta name="author" content="Josh Coalson" />
<meta name="description" content="A free, open source codec for lossless audio compression and decompression"
/>
<meta name="keywords"
content="free,lossless,audio,codec,encoder,decoder,compression,compressor,archival,archive,archiving,backup,mus
ic" />
<link rel="shortcut icon" type="image/x-icon" href="favicon.ico" />
<link rel="stylesheet" type="text/css" href="flac.css" />
<title>FLAC - license</title>
</head>

<body>
```

```
<div class="logo">
  <a href="index.html"></a>
</div>
```

```
<div class="above_nav"></div>
```

```
<div class="navbar">
  &nbsp;<a href="index.html">home</a>&nbsp;&nbsp;&nbsp;|
  &nbsp;<a href="faq.html">faq</a>&nbsp;&nbsp;&nbsp;|
  &nbsp;<a href="documentation.html">documentation</a>&nbsp;&nbsp;&nbsp;|
  &nbsp;<a href="developers.html">developers</a>&nbsp;&nbsp;&nbsp;|
  &nbsp;<a href="changelog.html">changelog</a>&nbsp;&nbsp;&nbsp;|
  &nbsp;<a href="http://xiph.org/flac">more</a>
</div>
```

```
<div class="below_nav"></div>
```

```
<div class="box">
  <div class="box_title">
    license
  </div>
  <div class="box_header"></div>
  <div class="box_body">
```

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```
<br />
```

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```
<br />
```

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```
<br />
```

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```
<br />
```

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</div>

<div class="box\_footer"></div>

</div>

<div class="copyright">

<!-- @@@ oh so hacky -->

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<td width="1%" align="right">

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</td>

</tr>

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</body>

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## 6.51 libicu 55 :1-7ubuntu0.2

### 6.51.1 Available under license :

This package was debianized by Jay Berkenbilt <qjb@debian.org> on August 5, 2005.

The packaging was taken over by Laszlo Boszormenyi (GCS) <gcs@debian.org> on Tue, 17 Mar 2015.

The original source was downloaded from  
[http://icu-project.org/download/latest\\_milestone.html](http://icu-project.org/download/latest_milestone.html)

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```
## *-makefile-*  
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)  
## Copyright (c) 1999-2013, International Business Machines Corporation and  
## others. All Rights Reserved.
```

```
## Commands to generate dependency files  
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)  
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)
```

```
## Flags for position independent code  
SHAREDLIBCFLAGS = -fPIC  
SHAREDLIBCXXFLAGS = -fPIC  
SHAREDLIBCPPFLAGS = -DPIC
```

```
## Additional flags when building libraries and with threads  
THREADSCPPFLAGS = -D_REENTRANT  
LIBCPPFLAGS =
```

```
## Compiler switch to embed a runtime search path
```

```

LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.${STATIC_O}: $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.${STATIC_O}: $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s^\($*\)\.o[ :]*^1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@'

## Versioned libraries rules

%.${SO}.${SO_TARGET_VERSION_MAJOR}: %.${SO}.${SO_TARGET_VERSION}
$(RM) $@ && ln -s ${<F} $@
%.${SO}: %.${SO}.${SO_TARGET_VERSION_MAJOR}
$(RM) $@ && ln -s ${*F}.${SO}.${SO_TARGET_VERSION} $@

## Bind internal references

```

```

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>ICU License - ICU 1.8.1 and later</title>
</head>

<body BGCOLOR="#ffffff">
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#

#

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```

# with an iterative training against Google web corpora.
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```

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```

```
#
```

```
# Project: http://code.google.com/p/lao-dictionary/
```

```
# Dictionary: http://lao-dictionary.googlecode.com/git/Lao-Dictionary.txt
```

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```
#
```

```
# This file is derived from the above dictionary, with slight modifications.
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# -----
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Packaged-By: Domenico Andreoli <cavok@debian.org>

Stefanos Harhalakis <v13@v13.gr>

Packaged-Date: Wed May 13 23:21:59 EEST 2009

Original-Source-Location: <http://libnet-dev.sourceforge.net/>

Files: debian/\*

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Files: include/bpf.h

include/win32/getopt.h

include/win32/in\_system.h

sample/win32/getopt.c

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sample/dns.c

sample/gre.c

sample/ip\_link.c

sample/ip\_raw.c

sample/sebek.c

sample/tftp.c

src/libnet\_build\_bgp.c

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## 6.64 llvm 5.0.0

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```
; RUN: llc < %s -mtriple=x86_64-linux-android -mattr=+mmx -enable-legalize-types-checking | FileCheck %s
;
; D31946
; Check that we dont end up with the ""LLVM ERROR: Cannot select" error.
; Additionally ensure that the output code actually put fp128 values in SSE registers.
```

```
declare fp128 @llvm.fabs.f128(fp128)
declare fp128 @llvm.copysign.f128(fp128, fp128)

define fp128 @TestSelect(fp128 %a, fp128 %b) {
  %cmp = fcmp ogt fp128 %a, %b
  %sub = fsub fp128 %a, %b
  %res = select i1 %cmp, fp128 %sub, fp128 0xL00000000000000000000000000000000
  ret fp128 %res
```

```

; CHECK-LABEL: TestSelect:
; CHECK    movaps 16(%rsp), %xmm1
; CHECK-NEXT  callq __subtf3
; CHECK-NEXT  testl %ebx, %ebx
; CHECK-NEXT  jg .LBB0_2
; CHECK-NEXT # BB#1:
; CHECK-NEXT  movaps .LCPI0_0(%rip), %xmm0
; CHECK-NEXT .LBB0_2:
; CHECK-NEXT  addq $32, %rsp
; CHECK-NEXT  popq %rbx
; CHECK-NEXT  retq
}

define fp128 @TestFabs(fp128 %a) {
    %res = call fp128 @llvm.fabs.f128(fp128 %a)
    ret fp128 %res
; CHECK-LABEL: TestFabs:
; CHECK    andps .LCPI1_0(%rip), %xmm0
; CHECK-NEXT  retq
}

define fp128 @TestCopysign(fp128 %a, fp128 %b) {
    %res = call fp128 @llvm.copysign.f128(fp128 %a, fp128 %b)
    ret fp128 %res
; CHECK-LABEL: TestCopysign:
; CHECK    andps .LCPI2_1(%rip), %xmm0
; CHECK-NEXT  orps %xmm1, %xmm0
; CHECK-NEXT  retq
}

define fp128 @TestFneg(fp128 %a) {
    %mul = fmul fp128 %a, %a
    %res = fsub fp128 0xL00000000000000008000000000000000, %mul
    ret fp128 %res
; CHECK-LABEL: TestFneg:
; CHECK    movaps %xmm0, %xmm1
; CHECK-NEXT  callq __multf3
; CHECK-NEXT  xorps .LCPI3_0(%rip), %xmm0
; CHECK-NEXT  popq %rax
; CHECK-NEXT  retq
}
; RUN: llc -mtriple=aarch64-apple-ios %s -o - | FileCheck %s

define <16 x double> @test_sitofp_fixed(<16 x i32> %in) {
; CHECK-LABEL: test_sitofp_fixed:

; First, extend each i32 to i64
; CHECK-DAG: sshll2.2d [[BLOCK0_HI:v[0-9]+]], v0, #0

```

```

; CHECK-DAG: sshll2.2d [[BLOCK1_HI:v[0-9]+]], v1, #0
; CHECK-DAG: sshll2.2d [[BLOCK2_HI:v[0-9]+]], v2, #0
; CHECK-DAG: sshll2.2d [[BLOCK3_HI:v[0-9]+]], v3, #0
; CHECK-DAG: sshll.2d [[BLOCK0_LO:v[0-9]+]], v0, #0
; CHECK-DAG: sshll.2d [[BLOCK1_LO:v[0-9]+]], v1, #0
; CHECK-DAG: sshll.2d [[BLOCK2_LO:v[0-9]+]], v2, #0
; CHECK-DAG: sshll.2d [[BLOCK3_LO:v[0-9]+]], v3, #0

; Next, convert each to double.
; CHECK-DAG: scvtf.2d v0, [[BLOCK0_LO]]
; CHECK-DAG: scvtf.2d v1, [[BLOCK0_HI]]
; CHECK-DAG: scvtf.2d v2, [[BLOCK1_LO]]
; CHECK-DAG: scvtf.2d v3, [[BLOCK1_HI]]
; CHECK-DAG: scvtf.2d v4, [[BLOCK2_LO]]
; CHECK-DAG: scvtf.2d v5, [[BLOCK2_HI]]
; CHECK-DAG: scvtf.2d v6, [[BLOCK3_LO]]
; CHECK-DAG: scvtf.2d v7, [[BLOCK3_HI]]

; CHECK: ret
%flt = sitofp <16 x i32> %in to <16 x double>
%res = fdiv <16 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0,
double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0,
double 64.0>
ret <16 x double> %res
}

; This one is small enough to satisfy isSimple, but still illegally large.
define <4 x double> @test_sitofp_fixed_shortish(<4 x i64> %in) {
; CHECK-LABEL: test_sitofp_fixed_shortish:

; CHECK-DAG: scvtf.2d v0, v0
; CHECK-DAG: scvtf.2d v1, v1

; CHECK: ret
%flt = sitofp <4 x i64> %in to <4 x double>
%res = fdiv <4 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0>
ret <4 x double> %res
}
; RUN: llc <%s -mtriple=s390x-linux-gnu -mcpu=zEC12 -verify-machineinstrs | FileCheck %s
;
; Test that early if conversion produces LOCR with operands of the right
; register classes.

define void @autogen_SD4739(i8*) {
; CHECK-NOT: Expected a GR32Bit register, but got a GRX32Bit register
BB:
%L34 = load i8, i8* %0
%Cmp56 = icmp sgt i8 undef, %L34

```

```
br label %CF246
```

```
CF246:                                ; preds = %CF246, %BB  
%S1163 = select i1 %Cmp56, i8 %L34, i8 undef  
br i1 undef, label %CF246, label %CF248
```

```
CF248:                                ; preds = %CF248, %CF246  
store i8 %S1163, i8* %0  
br label %CF248  
}  
; RUN: llc -march=hexagon < %s  
; REQUIRES: asserts
```

; The two loads based on %struct.0, loading two different data types  
; cause LSR to assume type "void" for the memory type. This would then  
; cause an assert in isLegalAddressingMode. Make sure we no longer crash.

```
target triple = "hexagon"
```

```
%struct.0 = type { i8*, i8, %union.anon.0 }  
%union.anon.0 = type { i8* }
```

```
define hidden fastcc void @fred() unnamed_addr #0 {  
entry:  
br i1 undef, label %while.end, label %while.body.lr.ph
```

```
while.body.lr.ph:                    ; preds = %entry  
br label %while.body
```

```
while.body:                          ; preds = %exit.2, %while.body.lr.ph  
%lsr.iv = phi %struct.0* [ %cgep22, %exit.2 ], [ undef, %while.body.lr.ph ]  
switch i32 undef, label %exit [  
  i32 1, label %sw.bb.i  
  i32 2, label %sw.bb3.i  
]
```

```
sw.bb.i:                             ; preds = %while.body  
unreachable
```

```
sw.bb3.i:                            ; preds = %while.body  
unreachable
```

```
exit:                                 ; preds = %while.body  
switch i32 undef, label %exit.2 [  
  i32 1, label %sw.bb.i17  
  i32 2, label %sw.bb3.i20  
]
```

```

sw.bb.i17:                                ; preds = %.exit
%0 = bitcast %struct.0* %lsrc.iv to i32*
%1 = load i32, i32* %0, align 4
unreachable

sw.bb3.i20:                                ; preds = %exit
%2 = bitcast %struct.0* %lsrc.iv to i8**
%3 = load i8*, i8** %2, align 4
unreachable

exit.2:                                    ; preds = %exit
%cgep22 = getelementptr %struct.0, %struct.0* %lsrc.iv, i32 1
br label %while.body

while.end:                                  ; preds = %entry
ret void
}

```

```

attributes #0 = { nounwind optsize "target-cpu"="hexagonv55" }
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```

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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```



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```

```
bsd_license_template = """"%s
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```

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SOFTWARE."""
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ABCDEFGHIJKLMNOPQRSTUVWXYZ

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/\* Legal characters in GLSL are:

\*

\* Identifier characters:

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\* Letters a-z

\* Letters A-Z

\* Underscore

\* Numbers 0-9

\*

\* Punctuation:

\*

\* Period, plus, dash, slash, asterisk, percent, angled brackets,

\* square brackets, parentheses, braces, caret, vertical bar,

\* ampersand, tilde, equals, exclamation point, colon, semicolon,

\* comma, and question mark

\*

\* Special:

\*

\* Number sign (as used in preprocessor)

\*

\* Backslash just before newline as line continuation

\*

\* White space:

\*

\* Space, horizontal tab, vertical tab, form feed, carriage-return,

\* and line-feed.

\*

- \* [GLSL Language Specfication 4.30.6, section 3.1]
- \*
- \* In this file, we test each of these in turn as follows:
- \*
- \* Identifier characters: All pass through unchanged
- \* Punctuation: All pass through unchanged
- \* Special: Empty directive replaced with blank line
- \* Line continuation merges two lines, then a blank line
- \* Whitespace: 4 horizontal space characters each replaced with space
- \* 2 newline characters each replaced with a newline

\*/

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<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html lang="en">
<head>
<meta http-equiv="content-type" content="text/html; charset=utf-8">
<title>License / Copyright Information</title>
<link rel="stylesheet" type="text/css" href="mesa.css">
</head>
<body>

<div class="header">
<h1>The Mesa 3D Graphics Library</h1>
</div>

<iframe src="contents.html"></iframe>
<div class="content">

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</p>

<p>

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</p>

<p>

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</p>

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```
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<pre>

| Component | Location | License |
|-----------|----------|---------|
|-----------|----------|---------|

|                |            |     |
|----------------|------------|-----|
| Main Mesa code | src/ mesa/ | MIT |
|----------------|------------|-----|

|                |                       |                |
|----------------|-----------------------|----------------|
| Device drivers | src/ mesa/ drivers/ * | MIT, generally |
|----------------|-----------------------|----------------|

|              |               |     |
|--------------|---------------|-----|
| Gallium code | src/ gallium/ | MIT |
|--------------|---------------|-----|

|             |                                                |         |
|-------------|------------------------------------------------|---------|
| Ext headers | include/ GL/ glxext.h<br>include/ GL/ glxext.h | Khronos |
|-------------|------------------------------------------------|---------|

|                 |           |                             |
|-----------------|-----------|-----------------------------|
| GLX client code | src/ glx/ | SGI Free Software License B |
|-----------------|-----------|-----------------------------|

|                      |                          |                    |
|----------------------|--------------------------|--------------------|
| C11 thread emulation | include/ c11/ threads*.h | Boost (permissive) |
|----------------------|--------------------------|--------------------|

</pre>

<p>

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</p>

</div>

</body>

</html>

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Version 2, June 1991

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1. Mark Andrews <mark\_andrews@isc.org> Leitch atomic clock controller
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3. Viraj Bais <vbais@mailman1.intel.com> and Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
4. Michael Barone <michael,barone@lmco.com> GPSVME fixes
5. Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca> IPv6 support
6. Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
7. Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT

- port. Clean up recvbuf and iosignal code into separate modules.
8. Marc Brett <Marc.Brett@westgeo.com> Magnavox GPS clock driver
  9. Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
  10. Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
  11. Steve Clift <clift@ml.csiro.au> OMEGA clock driver
  12. Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
  13. Sven Dietrich <sven\_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
  14. John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port
  15. Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
  16. Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
  17. John Hay <jhay@icomtek.csir.co.za> IPv6 support and testing
  18. Glenn Hollinger <glenn@herald.usask.ca> GOES clock driver
  19. Mike Iglesias <iglesias@uci.edu> DEC Alpha port
  20. Jim Jagielski <jim@jagubox.gsfc.nasa.gov> A/UX port
  21. Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul
  22. Hans Lambermont <Hans.Lambermont@nl.origin-it.com> or <H.Lambermont@chello.nl> ntpsweep
  23. Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
  24. Frank Kardel <kardel (at) ntp (dot) org> PARSE <GENERIC> driver (>14 reference clocks), STREAMS modules for PARSE, support scripts, syslog cleanup, dynamic interface handling
  25. William L. Jones <jones@hermes.chpc.utexas.edu> RS/6000 AIX modifications, HPUX modifications
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- 38. Rainer Pruy <Rainer.Pruy@informatik.uni-erlangen.de>  
monitoring/trap scripts, statistics file handling
- 39. Dirce Richards <dirce@zk3.dec.com> Digital UNIX V4.0 port
- 40. Wilfredo Snchez <wsanchez@apple.com> added support for NetInfo
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on the stuff in the html/pic/ subdirectory
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- 46. Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure  
makeover, various other bits (see the ChangeLog)
- 47. Kenneth Stone <ken@sdd.hp.com> HP-UX port
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- 49. Tomoaki TSURUOKA <tsuruoka@nc.fukuoka-u.ac.jp> TRAK clock driver
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\* Date: Wed, 28 May 2003 10:55:44 -0700  
\* Cc: Steve Langasek <vorlon@netexpress.net>,debian-legal@lists.debian.org, openldap-devel@OpenLDAP.org  
\* In-reply-to: <20030528162613.GB8524@ns.snowman.net>  
\* Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>  
\* Old-return-path: <Kurt@OpenLDAP.org>

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## 6.72 openssh 7.2p2-4ubuntu2.2

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It is split out from the main package to isolate the dependency on the Gnome and X11 libraries.

It was packaged for Debian by Philip Hands <phil@hands.com>.

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```
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**
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**
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**
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- GMP is no longer used, and instead we call BN code from OpenSSL
- Zlib is now external, in a library
- The make-ssh-known-hosts script is no longer included
- TSS has been removed
- MD5 is now external, in the OpenSSL library
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\*

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\*

\* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

\* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

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 */

#ifdef HAVE_SETRESGID
int setresgid(gid_t, gid_t, gid_t);
#endif
#ifdef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif
/* $OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp $ */

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*/

```

```

/* OPENBSD ORIGINAL: sys/sys/poll.h */

```

```

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifdef _COMPAT_POLL_H_
#define _COMPAT_POLL_H_

```

```

typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;

```

```

typedef unsigned int nfds_t;

```

```

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif

```

```

#define INFTIM (-1) /* not standard */

```

```

int poll(struct pollfd *, nfd_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */
/* $Id: BSD-waitpid.h,v 1.5 2003/08/29 16:59:52 mouring Exp $ */

```

```

/*

```



```

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*/

```

```

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

```

```

#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#undef WIFSTOPPED
#undef WIFSIGNALED

```

```

/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
#define WIFEXITED(w) (!((_W_INT(w)) & 0377))
#define WIFSTOPPED(w) ((_W_INT(w)) & 0100)
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1)
#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

```

```

/* Prototype */
pid_t waitpid(int, int *, int);

```

```

#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */

```

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- TSS has been removed
- MD5 is now external, in the OpenSSL library
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Upstream-Name: p11-kit

Source: <http://p11-glue.freedesktop.org/p11-kit.html>

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p11-kit/pkcs11.h p11-kit/test-managed.c p11-kit/test-modules.c

trust/builder.c

trust/builder.h trust/digest.h trust/module.c trust/module.h trust/pem.c

trust/pem.h trust/oid.c trust/oid.h trust/parser.h

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p11-kit/test-log.c trust/anchor.c trust/anchor.h

trust/enumerate.c trust/enumerate.h trust/extract.c  
trust/extract-cer.c trust/extract.h trust/extract-jks.c  
trust/extract-openssl.c trust/extract-pem.c trust/index.c  
trust/index.h trust/list.c trust/list.h trust/persist.c  
trust/persist.h trust/save.c trust/save.h trust/frob-bc.c  
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Upstream-Name: pcsc-lite

Upstream-Contact: muscle@lists.musclecard.com

ludovic.rousseau@free.fr

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## 6.78 perl 5.22.0

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---

abstract: 'Build and install Perl modules'

author:

- 'Ken Williams <kwilliams@cpan.org>'

- "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-build@perl.org>."

build\_requires:

File::Temp: 0.15

Test::Harness: 3.16

Test::More: 0.49

generated\_by: 'Module::Build version 0.3608'

license: gpl

meta-spec:

url: <http://module-build.sourceforge.net/META-spec-v1.4.html>

version: 1.4

name: Module-Build

resources:

MailingList: <mailto:module-build@perl.org>

license: <http://dev.perl.org/licenses/>

repository: <http://github.com/dagolden/module-build/>

version: 3

-----  
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Julian Seward, [jseward@bzip.org](mailto:jseward@bzip.org)  
bzip2/libbzip2 version 1.0.6 of 6 September 2010

-----  
#!/perl

=head1 NAME

copyright.t

=head1 DESCRIPTION

Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match

reality.

Optionally you can pass the `C<--now>` option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

```
use TestInit;
use strict;
use Config;
BEGIN { require 'test.pl' }

if ( $Config{usecrosscompile} ) {
    skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{
    open my $readme, '<', './README' or die "Opening README failed: $!";

    # The copyright message is the first paragraph:
```

```

local $/ = "";
my $copyright_msg = <$readme>;

my ($year) = $copyright_msg =~ /\.*\b(\d{4,})/s
    or die "Year not found in README copyright message '$copyright_msg'";

$year;
}

sub v_year
# returns the latest copyright year shown in perl -v
{

my $output = runperl switches => ['-v'];
my ($year) = $output =~ /copyright 1987.*\b(\d{4,})/i
    or die "Copyright statement not found in perl -v output '$output'";

$year;
}

```

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Version 1, February 1989

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```
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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.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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## 6.79 plymouth 0.9.2 :3ubuntu13.2

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Upstream-Contact: Jeff Johnson <[jbj@rpm5.org](mailto:jbj@rpm5.org)>

Source: <http://rpm5.org/files/popt/>

Comment:

popt was originally written by Erik Troan when he was with RedHat. It's now maintained as part of Fedora.

Files: \*

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## 6.81 portable\_runtime\_api 4.13.1-0ubuntu0.16.04.1

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## 6.82 python 3.5.2

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of

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| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
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| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
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| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
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A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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Sockets

-----

The `:mod:`socket`` module uses the functions, `:func:`getaddrinfo``, and `:func:`getnameinfo``, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>. ::

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-----  
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MD5 message digest algorithm  
-----

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L. Peter Deutsch  
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose text is available at

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The code is derived from the text of the RFC, including the test suite (section A.5) but excluding the rest of Appendix A. It does not include any code or documentation that is identified in the RFC as being copyrighted.

The original and principal author of md5.h is L. Peter Deutsch <ghost@aladdin.com>. Other authors are noted in the change history that follows (in reverse chronological order):

- 2002-04-13 lpd Removed support for non-ANSI compilers; removed references to Ghostscript; clarified derivation from RFC 1321; now handles byte order either statically or dynamically.
- 1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
- 1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5); added conditionalization for C++ compilation from Martin Purschke <purschke@bnl.gov>.
- 1999-05-03 lpd Original version.

Asynchronous socket services

-----

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-----

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with Python standard

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-----

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test\_epoll

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Select kqueue

-----

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strtod and dtoa

-----

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-----

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| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
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| 1.3 thru 1.5.2 | 1.2       | 1995-1999 | CNRI       | yes     |
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Mersenne Twister

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following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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The ``socket'` module uses the functions, ``getaddrinfo'`, and ``getnameinfo'`, which are coded in separate source files from the WIDE Project, [`http://www.wide.ad.jp/about/index.html'](http://www.wide.ad.jp/about/index.html).

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UUencode and UUdecode functions

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with python standard



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This package was assembled from sources obtained from:

```
ftp://ftp.gnu.org/gnu/sed/
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It is currently maintained by Clint Adams <[schizo@debian.org](mailto:schizo@debian.org)>

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## 6.92 Ubuntu 16.04.3 Server ISO 16.04.3

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```
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```

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```
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under certain conditions; type `show c' for details.
```

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Version 3, 29 June 2007

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## 6.93 Unzip 6.0-20ubuntu1

### 6.93.1 Available under license :

This is the Debian prepackaged version of "unzip", Info-Zip's fast, portable, zipfile decompression utility.

This package is currently maintained by Santiago Vila <sanvila@debian.org> and built from sources obtained from:

<ftp://ftp.info-zip.org/pub/infozip/src/unzip60.tgz>

The changes were fairly minimal, and consisted solely of adding various debian/\* files to the distribution, plus several miscellaneous fixes as reflected in the Debian changelog.

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**FIRST NOTE:**

This file contains some details about the copyright history of contributions to the UnZip project.

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Please read LICENSE first to find out what is allowed to do with Info-ZIP's UnZip code.

-----

There are currently two explicit copyrights on portions of UnZip code (at least, of which Info-ZIP is aware):

Jim Luther's Mac OS File Manager interface code; and Christopher Evans' MacBinaryIII coding code (for the MacOS port).. These copyrights are discussed in more detail below.

All remaining code is now (starting with UnZip version 5.41) covered



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Frequently Asked Questions regarding (re)distribution of Zip and UnZip are near the end of this file.

There are no known patents on any of the code in UnZip. Unisys claims a patent on LZW encoding and on LZW decoding in an apparatus that performs LZW encoding, but the patent appears to exempt a stand-alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed otherwise, but the issue has never been tested in court. Since this point is unclear, unshrinking is not enabled by default. It is the responsibility of the user to make his or her peace with Unisys and its licensing requirements. (unshrink.c may be removed from future releases altogether.)

---

The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP License. Therefore, support for the reduce method has been removed.

The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

The following copyright applies to the Mac OS File Manager interface code (macos/source/macstuff.[ch]), distributed with UnZip 5.4 and later:

```
* MoreFiles
*
* A collection of File Manager and related routines
*
```

- \* by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
- \* with significant code contributions by Nitin Ganatra
- \* (Apple Macintosh Developer Technical Support Emeritus)
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- \* MacBinaryIII.h
- \*
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- \* -----
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-----

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Regarding the first stipulation, Mr. Smith was tracked down in southern California some years back [Samuel H. Smith, The Tool Shop; as of mid-May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS), 71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten and by default no longer contains any of Mr. Smith's code, Info-ZIP remains indebted and grateful to him. We hope he finds our contributions as useful as we have his.

Note that the third and fourth stipulations still apply to any company that wishes to incorporate the unreduce code into its products; if you wish to do so, you must contact Mr. Smith directly regarding licensing.

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-----

The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

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# 6.94 upstart 1.13.2-0ubuntu21.1 :0ubuntu21.1

## 6.94.1 Available under license :

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Version 2, June 1991

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libblkid/src/partitions/\*

libblkid/src/superblocks/\*

libblkid/src/topology/\*

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Initialize empty image

f1c9645dbc14efddc7d8a322685f26eb bsd.img

Create new DOS partition table

57e721e38d1266c2df055067c18f2cf9 bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

-----

Create 1st primary partition

ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

| Device     | Boot | Start | End  | Sectors | Size | Id | Type  |
|------------|------|-------|------|---------|------|----|-------|
| <removed>1 |      | 2048  | 4095 | 2048    | 1M   | 83 | Linux |

-----

Create 2st primary partition

1bebf87248e05d6e4e62b749da65d023 bsd.img

Set 2nd partition type

2d8e8dff51a88a045db233418dd73fbe bsd.img

---layout-----

Disk <removed>: 10 MiB, 10485760 bytes, 20480 sectors

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: <removed>

| Device     | Boot | Start | End  | Sectors | Size | Id | Type  |
|------------|------|-------|------|---------|------|----|-------|
| <removed>1 |      | 2048  | 4095 | 2048    | 1M   | 83 | Linux |

<removed>2 4096 20479 16384 8M a5 FreeBSD

-----

Create default BSD

2e1cee529cb59c9341afef0443f196a1 bsd.img

---layout-----

Welcome to fdisk <removed>.

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors

Geometry: 255 heads, 63 sectors/track, 1 cylinders

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: bsd

| Slice | Start | End | Sectors | Size | Type | Fsize | Bsize | Cpg |
|-------|-------|-----|---------|------|------|-------|-------|-----|
|-------|-------|-----|---------|------|------|-------|-------|-----|

|   |      |       |       |    |        |   |   |   |
|---|------|-------|-------|----|--------|---|---|---|
| c | 4096 | 20479 | 16384 | 8M | unused | 0 | 0 | 0 |
|---|------|-------|-------|----|--------|---|---|---|

|   |   |       |       |      |        |   |   |   |
|---|---|-------|-------|------|--------|---|---|---|
| d | 0 | 16064 | 16065 | 7.9M | unused | 0 | 0 | 0 |
|---|---|-------|-------|------|--------|---|---|---|

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

-----

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout-----

Welcome to fdisk <removed>.

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help): Disk <removed>2: 10 MiB, 10485760 bytes, 20480 sectors

Geometry: 255 heads, 63 sectors/track, 1 cylinders

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: BSD

| Slice | Start | End   | Sectors | Size | Type   | Fsize | Bsize | Cpg |
|-------|-------|-------|---------|------|--------|-------|-------|-----|
| a     | 4096  | 6144  | 2049    | 1M   | 4.2BSD | 0     | 0     | 0   |
| c     | 4096  | 20479 | 16384   | 8M   | unused | 0     | 0     | 0   |
| d     | 0     | 16064 | 16065   | 7.9M | unused | 0     | 0     | 0   |

Partition table entries are not in disk order.

Command (m for help): Leaving nested disklabel.

Command (m for help):

-----

Changes will remain in memory only, until you decide to write them.

Be careful before using the write command.

Command (m for help): Entering nested BSD disklabel.

Command (m for help):

|   |           |   |                |   |          |    |       |
|---|-----------|---|----------------|---|----------|----|-------|
| 0 | unused    | 5 | 4.1BSD         | 9 | 4.4LFS   | d  | boot  |
| 1 | swap      | 6 | Eighth Edition | a | unknown  | e  | ADOS  |
| 2 | Version 6 | 7 | 4.2BSD         | b | HPFS     | f  | HFS   |
| 3 | Version 7 | 8 | MS-DOS         | c | ISO-9660 | 10 | AdvFS |
| 4 | System V  |   |                |   |          |    |       |

Command (m for help):

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Version 2, June 1991

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## 7.1 csi 3.5.1

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This file contains a list of people who have made large contributions to the public version of Protocol Buffers.

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- \* Small patch to fix Python CallMethod().

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- \* VI syntax highlighting tweaks.
- \* Fix compiler to not make output executable.

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- \* Heuristic detection of sub-messages when printing unknown fields in text format.

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- \* Added @Override annotation to generated Java code where appropriate.

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- \* Tru64 support.

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- \* Solaris 10 + Sun Studio fixes.

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- \* Slicing support for repeated scalar fields for the Python API.

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- \* MS Visual Studio error format option.
- \* Detect unordered\_map in stl\_hash.m4.

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- \* gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>

- \* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
- \* Added generation of field number constants.

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- \* Fixed initialization ordering problem in logging code.

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- \* Small patch improving performance of in Python serialization.

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- \* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

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- \* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>



\* HPUX support.

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- \* Detect whether zlib is new enough in configure script.
- \* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>

- \* Optimize Java serialization code when writing a small message to a stream.
- \* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
- \* Clean up some Java warnings.
- \* Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>

- \* Added CodedInputStream.getTotalBytesRead().

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- \* Fixed m4/acx\_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

- \* Fixed detection of sched\_yield on Solaris.
- \* Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

- \* Fixed minor IBM xLC compiler build issues
- \* Added atomicops for AIX (POWER)

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## 7.2 etcd 3.3.12

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Protocol Buffers for Go with Gadgets

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Protocol Buffers for Go with Gadgets

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## 7.7 go-net 0.1

**:ef00b378c73f107bf44d5c9b69875255ce89b79**

**a**

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# 7.8 go-sync 0.1.0

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## 7.9 go-sys 0.1

**:9bb9f0998d48b31547d975974935ae9b48c7a0**

### 3c

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## 7.10 golang.org/x/text

**b19bf474d317b857955b12035d2c5acb57ce8b01**

## 7.11 google.golang.org/genproto master

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# 7.12 grpc 1.9.0-pre1

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## 7.13 konsorten/go-windows-terminal-sequences 1.0.2



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# 8.4 log4j-api 2.7

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## 9.2 newtonsoft.json 10.0.3

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## 9.3 Restsharp 105.1.0

## 9.4 XmlDoc2CmdletDoc 0.2.10

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