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Contents

1.1 a2ps 4.13 :11.10.0 REV 2005.01.08.05.16

1.1.1 Available under license

1.2 Angular local storage 0.0.1

1.2.1 Available under license

1.3 angular-bootstrap 2.5.0

1.3.1 Available under license

1.4 Angular-UI map 0.5.0 :(2013-12-28)

1.4.1 Available under license

1.5 angular-ui-calendar 0.9.0-beta.1

1.5.1 Available under license

1.6 angular-visjs .0.0.2

1.6.1 Available under license

1.7 AngularJS 1.6.6

1.7.1 Available under license

1.8 ANT 1.9.1

1.8.1 Available under license

1.9 antisamy 1.4.3

1.9.1 Available under license

1.10 AntLR Parser Generator 2.7.7

1.10.1 Available under license

1.11 Apache Commons BeanUtils 1.9.2

1.11.1 Available under license

1.12 Apache Commons Codec (for Apache Directory Studio) 1.6

1.12.1 Available under license

1.13 Apache Commons Collections 3.2.1.

1.13.1 Available under license

- 1.14 Apache Commons Digester 1.8.0 :2006-11-29**
 - 1.14.1 Available under license
- 1.15 Apache Commons Logging 1.2**
 - 1.15.1 Available under license
- 1.16 Apache httpd server 1.3.41**
 - 1.16.1 Available under license
- 1.17 Apache httpd server (suite) 1.3.41 :11.10.0 REV 2005.01.08.05.16**
 - 1.17.1 Available under license
- 1.18 Apache httpd server V2 (suite) 2.0.63 :11.10.0 REV 2005.01.08.05.16**
 - 1.18.1 Available under license
- 1.19 Apache httpd server_ expat-lite 1.3.41**
 - 1.19.1 Available under license
- 1.20 Apache httpd server_perl 1.3.41**
 - 1.20.1 Notifications
 - 1.20.2 Available under license
- 1.21 Apache JServ 1.1.2**
 - 1.21.1 Notifications
 - 1.21.2 Available under license
- 1.22 Apache Log4j 1.2.17**
 - 1.22.1 Available under license
- 1.23 AspectJ runtime 1.8.6**
 - 1.23.1 Available under license
- 1.24 bash 3.0 :11.10.0 REV 2005.01.08.05.16**
 - 1.24.1 Available under license
- 1.25 batik-all 1.7**
 - 1.25.1 Available under license
- 1.26 Bean Validation API 1.1.0.Final**
 - 1.26.1 Available under license
- 1.27 Beanshell 2.0b6**
 - 1.27.1 Available under license
- 1.28 bind 9.3.6-P1 :11.10.0 REV 2005.01.08.05.16**
 - 1.28.1 Available under license
- 1.29 bind_query-loc 9.3.6-P1 :11.10.0 REV 2005.01.08.05.16**
 - 1.29.1 Available under license
- 1.30 boost 1.57.0**
 - 1.30.1 Available under license
- 1.31 byte-buddy 1.7.4**
- 1.32 byte-buddy 1.7.9**
- 1.33 byte-buddy-agent 1.7.4**

- 1.34 byte-buddy-agent 1.7.9**
- 1.35 bzip 1.0.5 :11.10.0 REV 2005.01.08.05.16**
 - 1.35.1 Available under license
- 1.36 c-ares 1.12.0**
 - 1.36.1 Available under license
- 1.37 CD-creation-utilities 11.10.0,REV=2005.01.08.05.16 :11.10.0,REV=2005.01.08.05.16**
 - 1.37.1 Available under license
- 1.38 ClassMate 1.2.0**
 - 1.38.1 Available under license
- 1.39 Commons Collections 3.2.1**
 - 1.39.1 Available under license
- 1.40 Commons Configuration 1.5.0**
 - 1.40.1 Available under license
- 1.41 Commons fileupload 1.3.1**
 - 1.41.1 Available under license
- 1.42 Commons HTTP Client 3.1**
 - 1.42.1 Available under license
- 1.43 Commons IO 2.4**
 - 1.43.1 Available under license
- 1.44 Commons Lang 2.4**
 - 1.44.1 Available under license
- 1.45 Commons Net 3.3**
 - 1.45.1 Available under license
- 1.46 commons-beanutils 1.9.2**
 - 1.46.1 Available under license
- 1.47 commons-codec 1.6**
 - 1.47.1 Available under license
- 1.48 commons-dbcp 1.4**
 - 1.48.1 Available under license
- 1.49 commons-logging 1.2**
 - 1.49.1 Available under license
- 1.50 cvs-js 1.0.0**
- 1.51 dbus-bindings-priv 2.24.2,REV=101.0.3 :2.24.2,REV=101.0.3**
 - 1.51.1 Available under license
- 1.52 dbus-priv 1.2.28,REV=101.0.3.2012.11.06.07.56 :1.2.28,REV=101.0.3.2012.11.06.07.56**
 - 1.52.1 Available under license
- 1.53 dom4j 1.6.1**

- 1.53.1 Available under license
- 1.54 Eclipse BIRT Project - Business Intelligence and Reporting Tools 4.3.1**
 - 1.54.1 Available under license
- 1.55 esapi 2.1.0**
 - 1.55.1 Available under license
- 1.56 eventsource.js f01d69705b6d9b31b2f25961c04b3f4ccc0d1fd3**
 - 1.56.1 Available under license
- 1.57 expat 2.0.1 :11.10.0 REV 2005.01.08.05.16**
 - 1.57.1 Available under license
- 1.58 expat_PrintPath 2.0.1 :11.10.0 REV 2005.01.08.05.16**
 - 1.58.1 Notifications
 - 1.58.2 Available under license
- 1.59 firefox 3,REV=101.0.5 :3,REV=101.0.5**
 - 1.59.1 Available under license
- 1.60 Firefox localization 3.5.3,REV=10.5.1 :3.5.3,REV=10.5.1**
 - 1.60.1 Available under license
- 1.61 Firefox localization - Spanish 2.0.0.4 REV 10.4.3.2007.07.10.10.51 :2.0.0.4 REV 10.4.3.2007.07.10.10.51**
 - 1.61.1 Available under license
- 1.62 flex 2.5.4 :11.10.0 REV 2005.01.08.05.16**
 - 1.62.1 Available under license
- 1.63 flex_GPLv2 2.5.4 :11.10.0 REV 2005.01.08.05.16**
 - 1.63.1 Available under license
- 1.64 fluent-hc 4.5.2**
 - 1.64.1 Available under license
- 1.65 flyway 2.3.1**
 - 1.65.1 Available under license
- 1.66 Font-Awesome 4.5.0**
 - 1.66.1 Available under license
- 1.67 Foomatic Print Filters 3.0.2 :11.10.0 REV 2005.01.08.05.16**
 - 1.67.1 Available under license
- 1.68 Foomatic Print PPDs 20080818 :11.10.0 REV 2005.01.08.05.16**
 - 1.68.1 Available under license
- 1.69 fullcalendar 2.3.2**
 - 1.69.1 Available under license
- 1.70 gcc 4.9.2**
 - 1.70.1 Available under license
- 1.71 ghostscript 8.15.4 :11.10.0 REV 2005.01.08.05.16**
 - 1.71.1 Available under license

- 1.72 gimpprint 4.2.6 :11.10.0 REV 2005.01.08.05.16**
 - 1.72.1 Available under license
- 1.73 glib 1.2.10 :11.10.0 REV 2005.01.08.05.16**
 - 1.73.1 Available under license
- 1.74 gnome-im-client 2.7.0,REV=11.01.21.2011.03.08.04.03 :2.7.0,REV=11.01.21.2011.03.08.04.03**
 - 1.74.1 Available under license
- 1.75 GNU cc 3.4.3 :11.10.0 REV 2005.01.08.05.16**
 - 1.75.1 Available under license
- 1.76 GNU Ghostscript Fonts (Standard) standard :11.10.0 REV 2005.01.08.05.16**
 - 1.76.1 Available under license
- 1.77 GNU Nano Editor 2.0.1**
 - 1.77.1 Available under license
- 1.78 grep 2.5 :11.10.0 REV 2005.01.08.05.16**
 - 1.78.1 Available under license
- 1.79 Gson 2.3.1**
 - 1.79.1 Available under license
- 1.80 gtk+ 1.2.10 :11.10.0 REV 2005.01.08.05.16**
 - 1.80.1 Available under license
- 1.81 guava 26**
 - 1.81.1 Available under license
- 1.82 gzip 1.3.5 :11.10.0 REV 2005.01.08.05.16**
 - 1.82.1 Available under license
- 1.83 Hamcrest Library 1.3**
- 1.84 hamcrest-core 1.3**
 - 1.84.1 Available under license
- 1.85 Hibernate Commons Annotations 4.0.5.Final**
 - 1.85.1 Available under license
- 1.86 Hibernate JPA API 2.1**
 - 1.86.1 Available under license
- 1.87 Hibernate ORM Framework 4.3.5 :2014.04.02**
 - 1.87.1 Available under license
- 1.88 hibernate-core 4.3.7.Final**
 - 1.88.1 Available under license
- 1.89 hibernate-validator 5.1.0**
 - 1.89.1 Available under license
- 1.90 hibernate-validator_utils 5.1.0**
 - 1.90.1 Available under license
- 1.91 hpijs 1.6 :11.10.0 REV 2005.01.08.05.16**

- 1.91.1 Available under license
- 1.92 html2canvas 0.4.1**
 - 1.92.1 Available under license
- 1.93 httpcomponents-client 4.5.5**
 - 1.93.1 Available under license
- 1.94 httpcore 4.4.9**
 - 1.94.1 Available under license
- 1.95 httpd 2.0.63**
 - 1.95.1 Available under license
- 1.96 ImageMagick 5.4.7 :11.10.0 REV 2005.01.08.05.16**
 - 1.96.1 Available under license
- 1.97 ImageMagick_ltdl 5.4.7 :11.10.0 REV 2005.01.08.05.16**
 - 1.97.1 Available under license
- 1.98 IP Filter 4.1.24**
 - 1.98.1 Available under license
- 1.99 ipmitool 1.8.8 :11.10.0 REV 2005.01.08.05.16**
 - 1.99.1 Available under license
- 1.100 jackson-annotations 2.8.0**
 - 1.100.1 Available under license
- 1.101 jackson-core 2.8.10**
 - 1.101.1 Available under license
- 1.102 jackson-databind 2.8.10**
 - 1.102.1 Available under license
- 1.103 Jandex 1.1.0**
 - 1.103.1 Available under license
- 1.104 java mail 1.5.1**
 - 1.104.1 Available under license
- 1.105 Javassist 3.21.0-GA**
 - 1.105.1 Available under license
- 1.106 javax.inject 1**
 - 1.106.1 Available under license
- 1.107 javax.servlet-api 3.1.0**
 - 1.107.1 Available under license
- 1.108 jaxb-core 2.3.0**
- 1.109 jaxb-impl 2.3.0**
- 1.110 JBOSS Jandex 1.0.0.Final**
 - 1.110.1 Available under license
- 1.111 JBOSS Logging Tools 1.2.0.Beta1**
 - 1.111.1 Available under license

- 1.112 JBOSS Logging Tools_processor 1.2.0.Beta1**
 - 1.112.1 Available under license
- 1.113 JBoss Transaction API 1.1 spec 1.0.0.Final**
 - 1.113.1 Available under license
- 1.114 jboss-logging 3.1.3.GA**
 - 1.114.1 Available under license
- 1.115 jboss-logging-annotations 1.2.0.Beta1**
 - 1.115.1 Available under license
- 1.116 jcl-over-slf4j 1.7.7**
 - 1.116.1 Available under license
- 1.117 Joda-Time 2.3**
 - 1.117.1 Available under license
- 1.118 jQuery 1.11.3**
 - 1.118.1 Available under license
- 1.119 JQuery UI 1.11.3**
 - 1.119.1 Available under license
- 1.120 jquery-ui-contextmenu 1.10.0**
 - 1.120.1 Available under license
- 1.121 jsoup 1.7.3**
 - 1.121.1 Available under license
- 1.122 jul-to-slf4j 1.7.7**
 - 1.122.1 Available under license
- 1.123 less 381 :11.10.0 REV 2005.01.08.05.16**
 - 1.123.1 Available under license
- 1.124 libcURL 7.55.1**
 - 1.124.1 Available under license
- 1.125 libjpeg 6b :20.2.6.0 REV 10.0.3.2004.12.15.14.13**
 - 1.125.1 Notifications
 - 1.125.2 Available under license
- 1.126 libpcap 0.8.3 :2.0.0.0501961**
 - 1.126.1 Available under license
- 1.127 libpng 1.2.35 :20.2.6.0 REV 10.0.3.2004.12.15.14.11**
 - 1.127.1 Available under license
- 1.128 libtiff 3.5.5 :20.2.6.0 REV 10.0.3.2004.12.15.14.09**
 - 1.128.1 Available under license
- 1.129 libusb 1.1 :11.10.0 REV 2005.12.14.02.40**
 - 1.129.1 Available under license
- 1.130 libxml2 2.6.10 :11.10.0 REV 2005.01.08.05.16**
 - 1.130.1 Available under license

1.131 libxslt 1.1.7 :11.10.0 REV 2005.01.08.05.16

1.131.1 Available under license

1.132 log4j 1.2.17

1.132.1 Available under license

1.133 mockito-core 2.11.0

1.133.1 Available under license

1.134 mod_auth_gss 1.1

1.134.1 Notifications

1.134.2 Available under license

1.135 mod_auth_gss 1.3

1.135.1 Notifications

1.135.2 Available under license

1.136 mod_perl 1.30

1.136.1 Notifications

1.136.2 Available under license

1.137 mod_perl 2.0.4

1.137.1 Available under license

1.138 mod_perl_SizeLimit 1.30

1.138.1 Available under license

1.139 mod_ssl 2.8.31-1.3.41

1.139.1 Notifications

1.139.2 Available under license

1.140 moment 2.10.6

1.140.1 Available under license

1.141 moment-timezone 0.4.0

1.141.1 Available under license

1.142 nekohtml 1.9.12

1.142.1 Available under license

1.143 Net SNMP 5.1.1

1.143.1 Available under license

1.144 net-snmp 5.0.9 :1.0 REV 2005.01.08.05.16

1.144.1 Available under license

1.145 netty 4.0.28

1.145.1 Available under license

1.146 ng-file-upload 12.2.13

1.146.1 Available under license

1.147 ng-sortable 1.2.2

1.147.1 Available under license

1.148 ntp 4.2.5p172 :11.10.0 REV 2009.07.02.14.13

- 1.148.1 Available under license
- 1.149 ntp_ElectricFence 4.2.5p172 :11.10.0 REV 2009.07.02.14.13**
- 1.149.1 Available under license
- 1.150 ntp_sntp 4.2.5p172 :11.10.0 REV 2009.07.02.14.13**
- 1.150.1 Available under license
- 1.151 Nullsoft Scriptable Install System (NSIS) 2.46**
- 1.151.1 Available under license
- 1.152 objenesis 2.6**
- 1.152.1 Available under license
- 1.153 omniORB 4.2.1**
- 1.153.1 Available under license
- 1.154 omniORBpy 3.4**
- 1.154.1 Available under license
- 1.155 OpenSSL 1.0.2p**
- 1.155.1 Available under license
- 1.156 openssl 0.9.7d**
- 1.156.1 Notifications
- 1.156.2 Available under license
- 1.157 Packet Filter Interface 2.1.13**
- 1.157.1 Available under license
- 1.158 patch 2.5.4 :11.10.0 REV 2005.01.08.05.16**
- 1.158.1 Available under license
- 1.159 pdftmake 0.1.31**
- 1.159.1 Available under license
- 1.160 Perl 5.24**
- 1.160.1 Available under license
- 1.161 perl 5.8.4**
- 1.161.1 Available under license
- 1.162 perl-DBD-Informix 2005.02**
- 1.162.1 Available under license
- 1.163 perl-DBI 1.51**
- 1.163.1 Available under license
- 1.164 perl-xml-parser 2.34,REV=10.0.3.2004.12.15.14.13**
- :2.34,REV=10.0.3.2004.12.15.14.13**
- 1.164.1 Available under license
- 1.165 pilot-link 0.12.0-pre4 :11.10.0 REV 2006.03.08.08.53**
- 1.165.1 Available under license
- 1.166 pilot-link_libs 0.12.0-pre4 :11.10.0 REV 2006.03.08.08.53**
- 1.166.1 Available under license

- 1.167 Postgresql 9.6.9**
 - 1.167.1 Available under license
- 1.168 postgresql-jdbc 9.4-1208**
 - 1.168.1 Available under license
- 1.169 powermock-api-mockito-common 1.7.3**
- 1.170 powermock-api-mockito2 1.7.3**
- 1.171 powermock-api-support 1.7.3**
- 1.172 powermock-core 1.7.3**
- 1.173 powermock-module-testng 1.7.3**
- 1.174 powermock-module-testng-common 1.7.3**
- 1.175 powermock-reflect 1.7.3**
- 1.176 ppputils 2.4.0 :11.10.0 REV 2005.01.21.15.53**
 - 1.176.1 Available under license
- 1.177 psutils 1.17 :11.10.0 REV 2005.01.08.05.16**
 - 1.177.1 Available under license
- 1.178 Python 2.4.6**
 - 1.178.1 Available under license
- 1.179 python 2.7.12**
 - 1.179.1 Available under license
- 1.180 Qt 5.6.1-1**
 - 1.180.1 Available under license
- 1.181 repmgr 3.3.2**
 - 1.181.1 Available under license
- 1.182 Ser 0.8.12 :11.10.0 REV 2005.01.08.05.16**
 - 1.182.1 Available under license
- 1.183 setup_random.ksh unknown**
 - 1.183.1 Available under license
- 1.184 slf4j 1.7.7**
 - 1.184.1 Available under license
- 1.185 Spring Framework 4.1.7**
 - 1.185.1 Available under license
- 1.186 Spring REST Docs 1.0.0**
 - 1.186.1 Available under license
- 1.187 spring security 3.2.5**
 - 1.187.1 Available under license
- 1.188 springfox 2.2.2**
 - 1.188.1 Available under license
- 1.189 tar 1.17 :11.10.0 REV 2005.01.08.05.16**
 - 1.189.1 Available under license

- 1.190 tcl/tk 8.3.3 :11.10.0 REV 2005.01.08.05.16**
 - 1.190.1 Available under license
- 1.191 tcsh 6.12 :11.10.0 REV 2005.01.08.05.16**
 - 1.191.1 Available under license
- 1.192 tcsh_win32 6.12 :11.10.0 REV 2005.01.08.05.16**
 - 1.192.1 Available under license
- 1.193 testng 6.9.10**
- 1.194 Thunderbird localization - Spanish 2.0.0.4 REV 10.4.3.2007.07.10.10.51 :2.0.0.4 REV 10.4.3.2007.07.10.10.51**
 - 1.194.1 Available under license
- 1.195 Tomcat 4.0 :11.10.0 REV 2005.01.08.05.16**
 - 1.195.1 Notifications
 - 1.195.2 Available under license
- 1.196 tomcat 8.5.16**
 - 1.196.1 Available under license
- 1.197 UI Grid 4.0.6**
 - 1.197.1 Available under license
- 1.198 UI Utils 0.1.1 :(2013-12-29)**
 - 1.198.1 Available under license
- 1.199 underscore 1.8.3**
 - 1.199.1 Available under license
- 1.200 velocity 1.7**
 - 1.200.1 Available under license
- 1.201 vis 4.20.0**
 - 1.201.1 Available under license
- 1.202 Xerces 1.70**
 - 1.202.1 Notifications
 - 1.202.2 Available under license
- 1.203 XML Commons External Components XML APIs 1.0.b2**
 - 1.203.1 Notifications
 - 1.203.2 Available under license
- 1.204 XML Commons External Components XML APIs 1.3.04**
 - 1.204.1 Available under license
- 1.205 XmlSchema Core 2.2.1**
 - 1.205.1 Available under license
- 1.206 zip 2.3.0 :11.10.0 REV 2005.01.08.05.16**
 - 1.206.1 Available under license
- 1.207 zlib 1.2.3 :11.10.0 REV 2005.01.08.05.16**
 - 1.207.1 Available under license

1.208 zlib 1.2.5

1.208.1 Available under license

1.209 zlib_GPL 1.2.3 :11.10.0 REV 2005.01.08.05.16

1.209.1 Available under license

1.210 zsh 4.2.1 :11.10.0 REV 2005.01.08.05.16

1.210.1 Available under license

1.1 a2ps 4.13 :11.10.0 REV 2005.01.08.05.16

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PCRE is a library of functions to support regular expressions whose syntax
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Written by: Philip Hazel <ph10@cam.ac.uk>

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-      -
  _ _ _ _ _ _ _ _ | | _ _ _ _ | | mod_ssl
| ' ' _ \ / _ \ / _ ' | / _ / _ | | Apache Interface to OpenSSL
| | | | | ( ) | ( | | \ _ \ _ \ | www.modssl.org
| | | | | \ / \ / \ , _ | _ | _ / _ / _ | ftp.modssl.org
      | _ _ |
```

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i.e. he could execute anyone."
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|_|_|_|(|)|(|) \_ \_ \ | www.modssl.org
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          |_|_|_|

```

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```
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```

```
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(last updated \$Date: 2002-12-10 03:15:21 +1100 (Tue, 10 Dec 2002) \$)
This distribution includes a binary distribution of Mozilla Rhino 1.6 release 5 plus one patch.

You can get the unpatched 1.6R5 release of Rhino from the following URL:

ftp://ftp.mozilla.org/pub/mozilla.org/js/rhino1_6R5.zip

To obtain the source code for the 1.6R5 release of Rhino, issue the following commands:

```
cvs -d :pserver:anonymous@cvs-mirror.mozilla.org:/cvsroot \  
co -D2006-11-20 mozilla/js/rhino
```

The patch is available here:

<https://bugzilla.mozilla.org/attachment.cgi?id=288467>

which is attached to this bug:

https://bugzilla.mozilla.org/show_bug.cgi?id=367627

Rhino is licensed under both the MPL (Mozilla Public License) 1.1 and the GPL (GNU General Public License) 2.0, which are duplicated below.

The Rhino jar also includes four classes:

```
org.mozilla.javascript.tools.debugger.downloaded.AbstractCellEditor.java  
org.mozilla.javascript.tools.debugger.downloaded.JTreeTable.java  
org.mozilla.javascript.tools.debugger.downloaded.TreeTableModel.java  
org.mozilla.javascript.tools.debugger.downloaded.TreeTableModelAdapter.java
```

Which come from:

<http://java.sun.com/products/jfc/tsc/articles/treetable2>

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1.30 boost 1.57.0

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1.31 byte-buddy 1.7.4

1.32 byte-buddy 1.7.9

1.33 byte-buddy-agent 1.7.4

1.34 byte-buddy-agent 1.7.9

1.35 bzip 1.0.5 :11.10.0 REV 2005.01.08.05.16

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bzip2/libbzip2 version 1.0.5 of 10 December 2007

1.36 c-ares 1.12.0

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1.37 CD-creation-utilities

11.10.0,REV=2005.01.08.05.16

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1.53 dom4j 1.6.1

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* eventsource.js

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* <https://github.com/Yaffle/EventSource/>

1.57 expat 2.0.1 :11.10.0 REV 2005.01.08.05.16

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```
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This is JavaScriptCore's variant of the PCRE library. While this library started out as a copy of PCRE, many of the features of PCRE have been removed.

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.0.4, Jul 24th, 1996.

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*/

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.1.4, March 11th, 2002

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*/

/* This is the public header file for JavaScriptCore's variant of the PCRE library. While this library started out as a copy of PCRE, many of the features of PCRE have been removed. This library now supports only the regular expression features required by the JavaScript language specification, and has only the functions needed by JavaScriptCore and the rest of WebKit.

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1.60 Firefox localization 3.5.3,REV=10.5.1

:3.5.3,REV=10.5.1

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created 17 October 2001 by Mark Smith <mcs@netscape.com>

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Last modified on Sat Nov 19 19:31:14 PST 1994 by ellis

on Sat Jun 8 15:10:00 PST 1994 by boehm

Authors: John R. Ellis and Jesse Hull

Original author: Bill Janssen

Heavily modified by Hans Boehm and others

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modified on December 20, 1994 7:27 pm PST by boehm

Author: Hans-J. Boehm (boehm@parc.xerox.com)

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Revision 1 (March 4, 2004):

Initial proposal.

Revision 2 (March 10, 2004):

All calls into script were made asynchronous. Results are provided via the NPScriptResultFunctionPtr callback.

Revision 3 (March 10, 2004):

Corrected comments to not refer to class retain/release FunctionPtrs.

Revision 4 (March 11, 2004):

Added additional convenience NPN_SetExceptionWithUTF8().

Changed NPHasPropertyFunctionPtr and NPHasMethodFunctionPtr to take NPClass pointers instead of NPObject pointers.

Added NPIsValidIdentifier().

Revision 5 (March 17, 2004):

Added context parameter to result callbacks from ScriptObject functions.

Revision 6 (March 29, 2004):

Renamed functions implemented by user agent to NPN_*. Removed _ from type names.

Renamed "JavaScript" types to "Script".

Revision 7 (April 21, 2004):

NPIdentifier becomes a void*, was int32_t

Remove NP_IsValidIdentifier, renamed NP_IdentifierFromUTF8 to NP_GetIdentifier

Added NPVariant and modified functions to use this new type.

Revision 8 (July 9, 2004):

Updated to joint Apple-Mozilla license.

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Changelog:

2005-04-26 - Define the header as a C structure, add a CRC32 checksum to the header, and make all the types 32-bit.
--Benjamin Smedberg <benjamin@smedbergs.us>

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```
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#
# Calling this script install-sh is preferred over install.sh, to prevent
# 'make' implicit rules from creating a file called install from it
# when there is no Makefile.
#
# This script is compatible with the BSD install script, but was written
# from scratch. It can only install one file at a time, a restriction
# shared with many OS's install programs.
```

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REV 2005.01.08.05.16

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* m4/ax_func_which_gethostbyname_r.m4

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This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.

The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code.

Al Dossier (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and

Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.

Thomas Funke (thf@zelator.in-berlin.de(?)) and

Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.

Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.

Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader

specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and

Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks(agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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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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@appendixsubsec Preamble

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@end ignore
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@ifnohtml
@comment node-name, next, previous, up
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@end ifnohtml
@html

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@c man begin DESCRIPTION

@ifclear gfdhtml

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

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

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Appendix: How to Apply These Terms to Your New Programs

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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) 19yy <name of author>
```

```
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it under the terms of the GNU General Public License as published by  
the Free Software Foundation; either version 2 of the License, or
```

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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) 19yy 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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Version 2.1, February 1999

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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.

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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.

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

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

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

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

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

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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

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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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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.

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```
<one line to give the library's name and a brief idea of what it does.>  
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/* BJC-210/240/250/265/1000 Bubble Jet Printer driver for GhostScript

* main subroutines for GS

*

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* <mailto://szaszg@hu.inter.net> <http://bjc250gs.sourceforge.net>

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1.72 gimpprint 4.2.6 :11.10.0 REV

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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.]

Preamble

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

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

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

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave

you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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

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

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

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

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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

For example, on rare occasions, there may be a special need to

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

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

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

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

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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.

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

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form 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.

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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.

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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

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

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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.

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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.

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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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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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1.74 gnome-im-client

2.7.0,REV=11.01.21.2011.03.08.04.03

:2.7.0,REV=11.01.21.2011.03.08.04.03

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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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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.1.4, March 11th, 2002

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files ftp://ds.internic.net/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

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Version 0.15 beta, Mar 19th, 1998,

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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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#
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#
# Calling this script install-sh is preferred over install.sh, to prevent
```

```

# 'make' implicit rules from creating a file called install from it
# when there is no Makefile.
#
# This script is compatible with the BSD install script, but was written
# from scratch. It can only install one file at a time, a restriction
# shared with many OS's install programs.
/* Copyright (C) 1989, 1997, 1998, 1999 Aladdin Enterprises. All rights reserved. */

/*$Id: ansi2knr.c,v 1.1 2000/01/21 00:54:15 alainm Exp $*/
/* Convert ANSI C function definitions to K&R ("traditional C") syntax */

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*/

```

1.79 Gson 2.3.1

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```

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*/

```

```
package com.google.gson.internal;
```

```

import java.lang.reflect.Type;
import java.util.Collections;
import java.util.HashMap;
import java.util.Map;

```

```
/**
```

```

* Contains static utility methods pertaining to primitive types and their
* corresponding wrapper types.

```

```
*
```

```
* @author Kevin Bourrillion
```

```
*/
```

```

public final class Primitives {
    private Primitives() {}

```

```
/** A map from primitive types to their corresponding wrapper types. */
```

```
private static final Map<Class<?>, Class<?>> PRIMITIVE_TO_WRAPPER_TYPE;
```

```
/** A map from wrapper types to their corresponding primitive types. */
```

```
private static final Map<Class<?>, Class<?>> WRAPPER_TO_PRIMITIVE_TYPE;
```

```
// Sad that we can't use a BiMap. :(
```

```
static {
```

```
    Map<Class<?>, Class<?>> primToWrap = new HashMap<Class<?>, Class<?>>(16);
```

```
    Map<Class<?>, Class<?>> wrapToPrim = new HashMap<Class<?>, Class<?>>(16);
```

```
    add(primToWrap, wrapToPrim, boolean.class, Boolean.class);
```

```
    add(primToWrap, wrapToPrim, byte.class, Byte.class);
```

```
    add(primToWrap, wrapToPrim, char.class, Character.class);
```

```
    add(primToWrap, wrapToPrim, double.class, Double.class);
```

```
    add(primToWrap, wrapToPrim, float.class, Float.class);
```

```
    add(primToWrap, wrapToPrim, int.class, Integer.class);
```

```
    add(primToWrap, wrapToPrim, long.class, Long.class);
```

```
    add(primToWrap, wrapToPrim, short.class, Short.class);
```

```
    add(primToWrap, wrapToPrim, void.class, Void.class);
```

```
    PRIMITIVE_TO_WRAPPER_TYPE = Collections.unmodifiableMap(primToWrap);
```

```
    WRAPPER_TO_PRIMITIVE_TYPE = Collections.unmodifiableMap(wrapToPrim);
```

```

}

private static void add(Map<Class<?>, Class<?>> forward,
    Map<Class<?>, Class<?>> backward, Class<?> key, Class<?> value) {
    forward.put(key, value);
    backward.put(value, key);
}

/**
 * Returns true if this type is a primitive.
 */
public static boolean isPrimitive(Type type) {
    return PRIMITIVE_TO_WRAPPER_TYPE.containsKey(type);
}

/**
 * Returns {@code true} if {@code type} is one of the nine
 * primitive-wrapper types, such as {@link Integer}.
 *
 * @see Class#isPrimitive
 */
public static boolean isWrapperType(Type type) {
    return WRAPPER_TO_PRIMITIVE_TYPE.containsKey(
        $Gson$Preconditions.checkNotNull(type));
}

/**
 * Returns the corresponding wrapper type of {@code type} if it is a primitive
 * type; otherwise returns {@code type} itself. Idempotent.
 *
 * <pre>
 * wrap(int.class) == Integer.class
 * wrap(Integer.class) == Integer.class
 * wrap(String.class) == String.class
 * </pre>
 */
public static <T> Class<T> wrap(Class<T> type) {
    // cast is safe: long.class and Long.class are both of type Class<Long>
    @SuppressWarnings("unchecked")
    Class<T> wrapped = (Class<T>) PRIMITIVE_TO_WRAPPER_TYPE.get(
        $Gson$Preconditions.checkNotNull(type));
    return (wrapped == null) ? type : wrapped;
}

/**
 * Returns the corresponding primitive type of {@code type} if it is a
 * wrapper type; otherwise returns {@code type} itself. Idempotent.
 *
 * <pre>
 * unwrap(Integer.class) == int.class

```

```

*   unwrap(int.class) == int.class
*   unwrap(String.class) == String.class
* </pre>
*/
public static <T> Class<T> unwrap(Class<T> type) {
    // cast is safe: long.class and Long.class are both of type Class<Long>
    @SuppressWarnings("unchecked")
    Class<T> unwrapped = (Class<T>) WRAPPER_TO_PRIMITIVE_TYPE.get(
        $Gson$Preconditions.checkNotNull(type));
    return (unwrapped == null) ? type : unwrapped;
}
}

```

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Version 2.0, January 2004

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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.

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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- 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.

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

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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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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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4.0.5.Final

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*

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1.87 Hibernate ORM Framework 4.3.5 :2014.04.02

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Written by: Philip Hazel <ph10@cam.ac.uk>

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1.105 Javassist 3.21.0-GA

1.105.1 Available under license :

<https://github.com/jboss-javassist/javassist>

Javassist version 3

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the JVM loads it. Unlike other similar bytecode editors, Javassist provides two levels of API: source level and bytecode level. If the users use the source-level API, they can edit a class file without knowledge of the specifications of the Java bytecode. The whole API is designed with only the vocabulary of the Java language. You can even specify inserted bytecode in the form of source text; Javassist compiles it on the fly. On the other hand, the bytecode-level API allows the users to directly edit a class file as other editors.

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Version 1.1

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

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.

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

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

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

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

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- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
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1.113 JBoss Transaction API 1.1 spec

1.0.0.Final

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

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If 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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 */

```
package javax.transaction;
```

```
/**
```

```
* This exception is meant to be thrown by the rollback operation on  

  * a resource to report that a heuristic decision was made and that all  

  * relevant updates have been committed.  

  * <p>  

  * But though defined in JTA this exception is used nowhere in JTA, and  

  * it seems impossible to report a heuristic commit decision with the JTA  

  * API in a portable way.  

  *
```

```
* @version $Revision: 108265 $
```

```
*/
```

```
public class HeuristicCommitException extends Exception  
{
```

```
/**
```

```
* Creates a new <code>HeuristicMixedException</code> without a  

  * detail message.
```

```
*/
```

```
public HeuristicCommitException()  
{  
}
```

```
/**
```

```
* Constructs an <code>HeuristicCommitException</code> with the  

  * specified detail message.
```

```
*
```

```
* @param msg the detail message.
```

```
*/
```

```
public HeuristicCommitException(String msg)  
{  
    super(msg);  
}  
}
```

1.114 jboss-logging 3.1.3.GA

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1.115 jboss-logging-annotations 1.2.0.Beta1

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1.118 jQuery 1.11.3

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1.119 JQuery UI 1.11.3

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1.120 jquery-ui-contextmenu 1.10.0

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1.121 jsoup 1.7.3

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1.122 jul-to-slf4j 1.7.7

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1.123 less 381 :11.10.0 REV 2005.01.08.05.16

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* regcomp and regexc -- regsub and regerror are elsewhere

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* Beware that some of this code is subtly aware of the way operator

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*

* *** NOTE: this code has been altered slightly for use in Tcl. ***
* Slightly modified by David MacKenzie to undo most of the changes for TCL.
* Added regex2 with notbol parameter. -- 4/19/99 Mark Nudelman
*/

1.124 libcurl 7.55.1

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=====

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1.125 libjpeg 6b :20.2.6.0 REV

10.0.3.2004.12.15.14.13

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This software is based in part on the work of the Independent JPEG Group.

1.125.2 Available under license :

The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998

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This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

DOCUMENTATION ROADMAP

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This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
RELATED SOFTWARE Other stuff you should get.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:

install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran,
 rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:

libjpeg.doc How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.doc Overview of the JPEG library's internal structure.
filelist.doc Road map of IJG files.
coderules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW

=====

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and

remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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REFERENCES

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We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at <ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz>. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in

"The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US\$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging \$95 for Part 1 and \$47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department

C-Cube Microsystems, Inc.

1778 McCarthy Blvd.

Milpitas, CA 95035

phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at

<ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz>. There is also a plain text

version at <ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz>, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from <ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz>. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from <ftp.sgi.com> or from <ftp://ftp.uu.net/graphics/jpeg/>. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from <ftp://ftp.sgi.com/graphics/tiff/>.

ARCHIVE LOCATIONS

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The "official" archive site for this software is <ftp.uu.net> (Internet address 192.48.96.9). The most recent released version can always be found there in directory `graphics/jpeg`. This particular version will be archived as <ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz>. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only <ftp.uu.net> is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (<ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/>), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the <ftp.uu.net> release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups `comp.graphics.misc`, `news.answers`, and other groups. It is available on the World Wide Web at <http://www.faqs.org/faqs/jpeg-faq/> and other `news.answers` archive sites, including the official `news.answers` archive at <rtfm.mit.edu>: <ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/>. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

- send `usenet/news.answers/jpeg-faq/part1`
- send `usenet/news.answers/jpeg-faq/part2`

RELATED SOFTWARE

=====

Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably <ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/>. Unfortunately PBPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from <ftp://havefun.stanford.edu/pub/jpeg/>. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS

=====

Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not.

(In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

=====

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

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```

```
/* Convert ANSI C function definitions to K&R ("traditional C") syntax */
```

```
/*
```

```
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1.127 libpng 1.2.35 :20.2.6.0 REV

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boxes and the like:

```
printf("%s",png_get_copyright(NULL));
```

Also, the PNG logo (in PNG format, of course) is supplied in the
files "pngbar.png" and "pngbar.jpg (88x31) and "pngnow.png" (98x31).

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Glenn Randers-Pehrson
glennrp at users.sourceforge.net
February 14, 2009

/*-----

rpng2 - progressive-model PNG display program readpng2.c

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rpng2 - progressive-model PNG display program rpng2-x.c

This program decodes and displays PNG files progressively, as if it were
a web browser (though the front end is only set up to read from files).
It supports gamma correction, user-specified background colors, and user-
specified background patterns (for transparent images). This version is
for the X Window System (tested by the author under Unix and by Martin
Zinser under OpenVMS; may work under OS/2 with a little tweaking).

Thanks to Adam Costello and Pieter S. van der Meulen for the "diamond"
and "radial waves" patterns, respectively.

to do (someday, maybe):

- fix expose/redraw code: don't draw entire row if only part exposed
- 8-bit (colormapped) X support
- finish resizable checkerboard-gradient (sizes 4-128?)
- use %.1023s to simplify truncation of title-bar string?

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Changelog:

- 1.01: initial public release
- 1.02: modified to allow abbreviated options; fixed char/uchar mismatch
- 1.10: added support for non-default visuals; fixed X pixel-conversion
- 1.11: added -usleep option for demos; fixed command-line parsing bug
- 1.12: added -pause option for demos and testing
- 1.20: added runtime MMX-enabling/disabling and new -mmx* options
- 1.21: fixed some small X memory leaks (thanks to Francois Petitjean)
- 1.22: fixed XFreeGC() crash bug (thanks to Patrick Welche)
- 1.23: added -bgpat 0 mode (std white/gray checkerboard, 8x8 squares)
- 1.30: added -loop option for -bgpat (ifdef FEATURE_LOOP); fixed bpp =
24; added support for X resources (thanks to Gerhard Niklasch)
- 1.31: added code to skip unused chunks (thanks to Glenn Randers-Pehrson)
- 1.32: added AMD64/EM64T support (__x86_64__); added basic expose/redraw
handling

- 2.00: dual-licensed (added GNU GPL)
- 2.01: fixed 64-bit typo in readpng2.c; fixed -pause usage description
- 2.02: fixed improper display of usage screen on PNG error(s); fixed unexpected-EOF and file-read-error cases; fixed Trace() cut-and-paste bugs

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1.128 libtiff 3.5.5 :20.2.6.0 REV

10.0.3.2004.12.15.14.09

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1.129 libusb 1.1 :11.10.0 REV 2005.12.14.02.40

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1.130 libxml2 2.6.10 :11.10.0 REV

2005.01.08.05.16

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```
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```

```
#
```

```
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```

```
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```

```
#
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#
# Calling this script install-sh is preferred over install.sh, to prevent
# `make' implicit rules from creating a file called install from it
# when there is no Makefile.
#
# This script is compatible with the BSD install script, but was written
# from scratch. It can only install one file at a time, a restriction
# shared with many OS's install programs.
/*
* dict.c: dictionary of reusable strings, just used to avoid allocation
*   and freeing operations.
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```

1.131 libxslt 1.1.7 :11.10.0 REV

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```
#!/bin/sh
```

```
#
```

```
# install - install a program, script, or datafile
```

```
# This comes from X11R5 (mit/util/scripts/install.sh).
```

```
#
```

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#
# Calling this script install-sh is preferred over install.sh, to prevent
# `make' implicit rules from creating a file called install from it
# when there is no Makefile.
#
# This script is compatible with the BSD install script, but was written
# from scratch. It can only install one file at a time, a restriction
# shared with many OS's install programs.
```

1.132 log4j 1.2.17

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1.133 mockito-core 2.11.0

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1.134 mod_auth_gss 1.1

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1.136 mod_perl 1.30

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1.137 mod_perl 2.0.4

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1.138 mod_perl_SizeLimit 1.30

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1.139 mod_ssl 2.8.31-1.3.41

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1.142 nekohtml 1.9.12

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1.144 net-snmp 5.0.9 :1.0 REV

2005.01.08.05.16

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1.145 netty 4.0.28

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1.146 ng-file-upload 12.2.13

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29. [32]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
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46. [50]Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
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controller
2. [2]Bernd Altmeier <altmeier@atlsoft.de> hopf Elektronik serial

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3. [3]Viraj Bais <vbais@mailman1.intel.com> and [4]Clayton Kirkwood <kirkwood@striderfm.intel.com> port to WindowsNT 3.5
 4. [5]Michael Barone <michael,barone@lmco.com> GPSVME fixes
 5. [6]Jean-Francois Boudreault <Jean-Francois.Boudreault@viagenie.qc.ca>IPv6 support
 6. [7]Karl Berry <karl@owl.HQ.ileaf.com> syslog to file option
 7. [8]Greg Brackley <greg.brackley@bigfoot.com> Major rework of WINNT port. Clean up recvbuf and iosignal code into separate modules.
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 9. [10]Piete Brooks <Piete.Brooks@cl.cam.ac.uk> MSF clock driver, Trimble PARSE support
 10. [11]Reg Clemens <reg@dwf.com> Oncore driver (Current maintainer)
 11. [12]Steve Clift <clift@ml.csiro.au> OMEGA clock driver
 12. [13]Casey Crellin <casey@csc.co.za> vxWorks (Tornado) port and help with target configuration
 13. [14]Sven Dietrich <sven_dietrich@trimble.com> Palisade reference clock driver, NT adj. residuals, integrated Greg's Winnt port.
 14. [15]John A. Dundas III <dundas@salt.jpl.nasa.gov> Apple A/UX port
 15. [16]Torsten Duwe <duwe@immd4.informatik.uni-erlangen.de> Linux port
 16. [17]Dennis Ferguson <dennis@mrbill.canet.ca> foundation code for NTP Version 2 as specified in RFC-1119
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 30. [33]Lars H. Mathiesen <thorinn@diku.dk> adaptation of foundation code for Version 3 as specified in RFC-1305
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21. [22]Jeff Johnson <jbj@chatham.usdesign.com> massive prototyping overhaul
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23. [25]Poul-Henning Kamp <phk@FreeBSD.ORG> Oncore driver (Original author)
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27. [30]Craig Leres <leres@ee.lbl.gov> 4.4BSD port, ppsclock, Magnavox GPS clock driver
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32. [35]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
33. [36]Wolfgang Moeller <moeller@gwdgv1.dnet.gwdg.de> VMS port
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35. [38]Tom Moore <tmoore@fieval.daytonoh.ncr.com> i386 svr4 port
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42. [46]Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
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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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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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1.156 openssl 0.9.7d

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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

1.161 perl 5.8.4

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Version 1, February 1989

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<one line to give the program's name and a brief idea of what it does.>
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```
Gnomovision version 69, Copyright (C) 19xx 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 a sample; alter the names:

```
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
```

That's all there is to it!

1.162 perl-DBD-Informix 2005.02

1.162.1 Available under license :

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<http://dbi.perl.org/>

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1.163 perl-DBI 1.51

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1.164 perl-xml-parser

2.34,REV=10.0.3.2004.12.15.14.13

:2.34,REV=10.0.3.2004.12.15.14.13

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```
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```

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```
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```

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1.165 pilot-link 0.12.0-pre4 :11.10.0 REV

2006.03.08.08.53

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```

```
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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

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

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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.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form 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

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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.

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.

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

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

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

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

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containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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

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- b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

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1.167 Postgresql 9.6.9

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```
diff -c -r bsd_indent/Makefile pg_bsd_indent/Makefile
```

```
*** bsd_indent/Makefile Wed Oct 26 17:13:34 2011
```

```
--- pg_bsd_indent/Makefile Wed Oct 12 12:17:12 2011
```

```
*****
```

```
*** 2,10 ****
```

```
# Makefile
```

```
#
```

```
#
```

```
! TARGET = indent
```

```
XFLAGS = -Wall -D__RCSID="static char *rcsid=" -D__COPYRIGHT="static char *copyright="
```

```
! CFLAGS = -g
```

```
LIBS =
```

```
$(TARGET) : args.o indent.o io.o lexi.o parse.o pr_comment.o
```

```
--- 2,10 ----
```

```
# Makefile
```

```
#
```

```
#
```

```
! TARGET = pg_bsd_indent
```

```
XFLAGS = -Wall -D__RCSID="static char *rcsid=" -D__COPYRIGHT="static char *copyright="
```

```
! CFLAGS = -O
```

```
LIBS =
```

```
$(TARGET) : args.o indent.o io.o lexi.o parse.o pr_comment.o
```

```
*****
```

```
*** 31,37 ****
```

```
clean:
```

```
rm -f *.o $(TARGET) log core
```

```
! install:
```

```
! make clean
```

```
! make CFLAGS=-O
```

```

install -s -o bin -g bin $(TARGET) /usr/local/bin
--- 31,35 ----
clean:
rm -f *.o $(TARGET) log core

! install: $(TARGET)
install -s -o bin -g bin $(TARGET) /usr/local/bin
diff -c -r bsd_indent/README pg_bsd_indent/README
*** bsd_indent/README Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/README Mon Nov 14 19:30:24 2005
*****
*** 1,3 ****
--- 1,13 ----
+
+ This patch is from NetBSD current, 2005-11-14. It contains all the
+ patches need for its use in PostgreSQL.
+
+ bjm
+
+ -----
+
+
+
+ This is the C indenter, it originally came from the University of Illinois
+ via some distribution tape for PDP-11 Unix. It has subsequently been
+ hacked upon by James Gosling @ CMU. It isn't very pretty, and really needs
diff -c -r bsd_indent/args.c pg_bsd_indent/args.c
*** bsd_indent/args.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/args.c Wed Oct 26 17:16:56 2011
*****
*** 83,88 ****
--- 83,90 ----
#include <string.h>
#include "indent_globs.h"

+ #define INDENT_PG_VERSION "1.1"
+
+ /* profile types */
+ #define PRO_SPECIAL 1 /* special case */
+ #define PRO_BOOL 2 /* boolean */
+ *****
+ *** 99,106 ****
--- 101,113 ----
+ #define STDIN 3 /* use stdin */
+ #define KEY 4 /* type (keyword) */

+ #define KEY_FILE 5 /* only used for args */
+ #define VERSION 6 /* only used for args */

```

```

+
char *option_source = "?";

+ void add_typedefs_from_file(char *str);
+
/*
* N.B.: because of the way the table here is scanned, options whose names are
* substrings of other options must occur later; that is, with -lp vs -l, -lp
*****
*** 118,123 ****
--- 125,136 ----
    "T", PRO_SPECIAL, 0, KEY, 0
    },
    {
+   "U", PRO_SPECIAL, 0, KEY_FILE, 0
+   },
+   {
+   "V", PRO_SPECIAL, 0, VERSION, 0
+   },
+   {
    "bacc", PRO_BOOL, false, ON, &blanklines_around_conditional_compilation
    },
    {
*****
*** 425,430 ****
--- 438,456 ----
    }
    break;

+ case KEY_FILE:
+   if (*param_start == 0)
+     goto need_param;
+   add_typedefs_from_file(param_start);
+   break;
+
+ case VERSION:
+   {
+   printf("pg_bsd_indent %s\n", INDENT_PG_VERSION);
+   exit(0);
+   }
+   break;
+
    default:
        fprintf(stderr, "\
indent: set_option: internal error: p_special %d\n", p->p_special);
*****
*** 459,461 ****
--- 485,508 ----

```

```

    exit(1);
}
}
+
+
+ void
+ add_typedefs_from_file(char *str)
+ {
+ FILE *file;
+ char line[BUFSIZ];
+
+ if ((file = fopen(param_start, "r")) == NULL)
+ {
+ fprintf(stderr, "indent: cannot open file %s\n", str);
+ exit(1);
+ }
+ while ((fgets(line, BUFSIZ, file)) != NULL)
+ {
+ /* Remove trailing whitespace */
+ *(line + strcspn(line, "\t\n\r")) = '\0';
+ addkey(strdup(line), 4);
+ }
+ fclose(file);
+ }
Only in pg_bsd_indent: args.o
Only in pg_bsd_indent: indent.bsd.patch
Only in pg_bsd_indent: indent.o
diff -c -r bsd_indent/indent_globs.h pg_bsd_indent/indent_globs.h
*** bsd_indent/indent_globs.h Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/indent_globs.h Mon Nov 14 19:30:24 2005
*****
*** 239,245 ****
    scomf, /* Same line comment font */
    bodyf; /* major body font */

! #define STACK_SIZE 150

EXTERN struct parser_state {
    int last_token;
--- 239,249 ----
    scomf, /* Same line comment font */
    bodyf; /* major body font */

! /*
! * This controls the maximum number of 'else if' clauses supported.
! * If it is exceeded, comments are placed in column 100.
! */
! #define STACK_SIZE 1000

```



```

EXTERN struct parser_state {
    int  last_token;
Only in pg_bsd_indent: io.o
diff -c -r bsd_indent/lexi.c pg_bsd_indent/lexi.c
*** bsd_indent/lexi.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/lexi.c Mon Nov 14 19:30:24 2005
*****
*** 93,99 ****
    int  rwd;
};

! struct templ specials[1000] =
{
    {"switch", 1},
    {"case", 2},
--- 93,99 ----
    int  rwd;
};

! struct templ specials[16384] =
{
    {"switch", 1},
    {"case", 2},
*****
*** 622,629 ****
    else
        p++;
    if (p >= specials + sizeof specials / sizeof specials[0])
! return; /* For now, table overflows are silently
!  * ignored */
    p->rwd = key;
    p->rwdcode = val;
    p[1].rwd = 0;
--- 622,632 ----
    else
        p++;
    if (p >= specials + sizeof specials / sizeof specials[0])
! {
! fprintf(stderr, "indent: typedef table overflow\n");
! exit(1);
! }
!
    p->rwd = key;
    p->rwdcode = val;
    p[1].rwd = 0;
Only in pg_bsd_indent: lexi.o
diff -c -r bsd_indent/parse.c pg_bsd_indent/parse.c

```

```

*** bsd_indent/parse.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/parse.c Mon Nov 14 19:30:24 2005
*****
*** 231,236 ****
--- 231,241 ----

    } /* end of switch */

+ if (ps.tos >= STACK_SIZE) {
+   fprintf(stderr, "indent: stack size overflow\n");
+   exit(1);
+ }
+
+ reduce(); /* see if any reduction can be done */

#ifdef debug
Only in pg_bsd_indent: parse.o
diff -c -r bsd_indent/pr_comment.c pg_bsd_indent/pr_comment.c
*** bsd_indent/pr_comment.c Wed Oct 26 17:13:34 2011
--- pg_bsd_indent/pr_comment.c Mon Nov 14 19:30:24 2005
*****
*** 148,154 ****
    ps.box_com = true;
    ps.com_col = 1;
    } else {
! if (*buf_ptr == '-' || *buf_ptr == '*' || *buf_ptr == '\n') {
    ps.box_com = true; /* a comment with a '-', '*'
        * or newline immediately
        * after the start comment is
--- 148,158 ----
    ps.box_com = true;
    ps.com_col = 1;
    } else {
! /*
!  * Don't process '\n' or every comment is treated as a
!  * block comment, meaning there is no wrapping.
!  */
! if (*buf_ptr == '-' || *buf_ptr == '*') {
    ps.box_com = true; /* a comment with a '-', '*'
        * or newline immediately
        * after the start comment is
*****
*** 328,333 ****
--- 332,350 ----
        goto end_of_comment;
    }
    } while (*buf_ptr == ' ' || *buf_ptr == '\t');
+

```

```

+ /*
+  * If there is a blank comment line, we need to prefix
+  * the line with the same three spaces that "/* " takes up.
+  * Without this code, blank stard lines in comments have
+  * three too-many characters on the line when wrapped.
+  */
+ if (s_com == e_com) {
+     *e_com++ = ' '; /* add blanks for continuation */
+     *e_com++ = ' ';
+     *e_com++ = ' ';
+     now_col += 3;
+ }
+ } else
+     if (++buf_ptr >= buf_end)
+         fill_buffer();

```

Only in pg_bsd_indent: pr_comment.o

PostgreSQL Database Management System

(formerly known as Postgres, then as Postgres95)

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>32.12. Notice Processing</A
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> Notice and warning messages generated by the server are not returned
by the query execution functions, since they do not imply failure of
the query. Instead they are passed to a notice handling function, and
execution continues normally after the handler returns. The default
notice handling function prints the message on
<TT
CLASS="FILENAME"
>stderr</TT
>, but the application can override this
behavior by supplying its own handling function.
</P
><P
> For historical reasons, there are two levels of notice handling, called
the notice receiver and notice processor. The default behavior is for
the notice receiver to format the notice and pass a string to the notice
processor for printing. However, an application that chooses to provide
its own notice receiver will typically ignore the notice processor

```


layer and just do all the work in the notice receiver.

</P

><P

> The function <CODE

CLASS="FUNCTION"

>PQsetNoticeReceiver</CODE

>

sets or

examines the current notice receiver for a connection object.

Similarly, <CODE

CLASS="FUNCTION"

>PQsetNoticeProcessor</CODE

>

sets or

examines the current notice processor.

</P><PRE

CLASS="SYNOPSIS"

>typedef void (*PQnoticeReceiver) (void *arg, const PGresult *res);

PQnoticeReceiver

PQsetNoticeReceiver(PGconn *conn,

 PQnoticeReceiver proc,

 void *arg);

typedef void (*PQnoticeProcessor) (void *arg, const char *message);

PQnoticeProcessor

PQsetNoticeProcessor(PGconn *conn,

 PQnoticeProcessor proc,

 void *arg);</PRE

><P>

Each of these functions returns the previous notice receiver or processor function pointer, and sets the new value. If you supply a null function pointer, no action is taken, but the current pointer is returned.

</P

><P

> When a notice or warning message is received from the server, or generated internally by <SPAN

CLASS="APPLICATION"

>libpq</SPAN

>, the notice

receiver function is called. It is passed the message in the form of

a <TT

```

CLASS="SYMBOL"
>PGRES_NONFATAL_ERROR</TT
>
<TT
CLASS="STRUCTNAME"
>PGresult</TT
>. (This allows the receiver to extract
individual fields using <CODE
CLASS="FUNCTION"
>PQresultErrorField</CODE
>, or obtain a
complete preformatted message using <CODE
CLASS="FUNCTION"
>PQresultErrorMessage</CODE
>
or <CODE
CLASS="FUNCTION"
>PQresultVerboseErrorMessage</CODE
>.) The same
void pointer passed to <CODE
CLASS="FUNCTION"
>PQsetNoticeReceiver</CODE
> is also
passed. (This pointer can be used to access application-specific state
if needed.)
</P
><P
> The default notice receiver simply extracts the message (using
<CODE
CLASS="FUNCTION"
>PQresultErrorMessage</CODE
>) and passes it to the notice
processor.
</P
><P
> The notice processor is responsible for handling a notice or warning
message given in text form. It is passed the string text of the message
(including a trailing newline), plus a void pointer that is the same
one passed to <CODE
CLASS="FUNCTION"
>PQsetNoticeProcessor</CODE
>. (This pointer
can be used to access application-specific state if needed.)
</P
><P
> The default notice processor is simply:
</P><PRE
CLASS="PROGRAMLISTING"

```

```

>static void
defaultNoticeProcessor(void *arg, const char *message)
{
    fprintf(stderr, "%s", message);
}</PRE>
><P>
</P>
><P>
> Once you have set a notice receiver or processor, you should expect
that that function could be called as long as either the
<TT
CLASS="STRUCTNAME"
>PGconn</TT
> object or <TT
CLASS="STRUCTNAME"
>PGresult</TT
> objects made
from it exist. At creation of a <TT
CLASS="STRUCTNAME"
>PGresult</TT
>, the
<TT
CLASS="STRUCTNAME"
>PGconn</TT
>'s current notice handling pointers are copied
into the <TT
CLASS="STRUCTNAME"
>PGresult</TT
> for possible use by functions like
<CODE
CLASS="FUNCTION"
>PQgetvalue</CODE
>.
</P>
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    VALIGN="top"
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    </TD
  <TD
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</TABLE

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></HTML
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```

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1.169 powermock-api-mockito-common 1.7.3

1.170 powermock-api-mockito2 1.7.3

1.171 powermock-api-support 1.7.3

1.172 powermock-core 1.7.3

1.173 powermock-module-testng 1.7.3

1.174 powermock-module-testng-common 1.7.3

1.175 powermock-reflect 1.7.3

1.176 ppputils 2.4.0 :11.10.0 REV

2005.01.21.15.53

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zlib.h -- interface of the 'zlib' general purpose compression library
version 0.95, Aug 16th, 1995.

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 *
 * \$Id: pppd.h,v 1.54 2000/04/15 10:10:25 paulus Exp \$
 */

1.177 psutils 1.17 :11.10.0 REV

2005.01.08.05.16

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AJCD 4/4/95

1.178 Python 2.4.6

1.178.1 Available under license :

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
2.2	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	2.4.1	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
2.4.5	2.4.4	2008	PSF	yes
2.5	2.4	2006	PSF	yes

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# -*- coding: iso-8859-1 -*-
#-----
# tarfile.py
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#
#-----
# This file contains real Python object wrappers for DB and DBEnv
# C "objects" that can be usefully subclassed. The previous SWIG
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1.179 python 2.7.12

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#
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#
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""" robotparser.py

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You can choose between two licenses when using this package:
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# subprocess - Subprocesses with accessible I/O streams
#
# For more information about this module, see PEP 324.
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# $Id: ElementInclude.py 1862 2004-06-18 07:31:02Z Fredrik $
#
# limited xinclude support for element trees
#
# history:
# 2003-08-15 fl created
# 2003-11-14 fl fixed default loader
#
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Mersenne Twister

```
-----
```

The `:mod:'_random'` module includes code based on a download from <http://www.math.keio.ac.jp/matsumoto/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/matumoto/emt.html>

email: matumoto@math.keio.ac.jp

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

The :mod:'asynchat' and :mod:'asyncore' modules contain the following notice::

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Written by James Roskind

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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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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.3, July 18th, 2005

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

*/

/*

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*/

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/* microprotocols.c - minimalist and non-validating protocols implementation

*

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Unicode version: 3.2

Table version: 1.0

Table format: Format A

Date: 2005-10-25

Authors: Marc-Andre Lemburg <mal@egenix.com>

#

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/* -----

```

unicodedata -- Provides access to the Unicode 5.1 data base.

Data was extracted from the Unicode 5.1 UnicodeData.txt file.

Written by Marc-Andre Lemburg (mal@lemburg.com).

Modified for Python 2.0 by Fredrik Lundh (fredrik@pythonware.com)

Modified by Martin v. L"wis (martin@v.loewis.de)

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```
----- */
/* -----
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IA64/unix Foreign Function Interface

Original author: Hans Boehm, HP Labs

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```
----- */
/* Random objects */

/* -----
The code in this module was based on a download from:
http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html
```

It was modified in 2002 by Raymond Hettinger as follows:

* the principal computational lines untouched except for tabbing.

* renamed `genrand_res53()` to `random_random()` and wrapped in python calling/return code.

* `genrand_int32()` and the helper functions, `init_genrand()` and `init_by_array()`, were declared static, wrapped in Python calling/return code. also, their global data references were replaced with structure references.

* unused functions from the original were deleted.
new, original C python code was added to implement the `Random()` interface.

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/matumoto/emt.html>

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#

Module Name: dbShelve.py

#

Description: A reimplementaion of the standard shelve.py that

forces the use of cPickle, and DB.

#

Creation Date: 11/3/97 3:39:04PM

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#
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#
# $Id: test_dbtables.py 66088 2008-08-31 14:00:51Z jesus.cea $
# Original version written by Greg Stein (gstein@lyra.org)
#         and Bill Tutt (rassilon@lima.mudlib.org)
# February 1997.
#
# Modifications and improvements for Python 2.0 by Jeremy Hylton and
# Mark Hammond
#
# Some fixes to try to have correct line number on almost all nodes
# (except Module, Discard and Stmt) added by Sylvain Thenault
#
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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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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2	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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/*

* Written by Wilco Dijkstra, 1996. The following email exchange establishes the
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*

* From: Wilco Dijkstra <Wilco.Dijkstra@ntlworld.com>

* Date: Fri, Jun 24, 2011 at 3:20 AM

* Subject: Re: sqrt routine

* To: Kevin Ma <kma@google.com>

* Hi Kevin,

* Thanks for asking. Those routines are public domain (originally posted to

* comp.sys.arm a long time ago), so you can use them freely for any purpose.

* Cheers,

* Wilco

*

* ----- Original Message -----

* From: "Kevin Ma" <kma@google.com>

* To: <Wilco.Dijkstra@ntlworld.com>

* Sent: Thursday, June 23, 2011 11:44 PM

* Subject: Fwd: sqrt routine
* Hi Wilco,
* I saw your sqrt routine from several web sites, including
* <http://www.finesse.demon.co.uk/steven/sqrt.html>.
* Just wonder if there's any copyright information with your Successive
* approximation routines, or if I can freely use it for any purpose.
* Thanks.
* Kevin
*/

Files:

modules/audio_coding/codecs/g711/main/source/g711.c
modules/audio_coding/codecs/g711/main/source/g711.h

License:

/*
* SpanDSP - a series of DSP components for telephony
*
* g711.h - In line A-law and u-law conversion routines
*
* Written by Steve Underwood <steveu@coppice.org>
*
* Copyright (C) 2001 Steve Underwood
*
* Despite my general liking of the GPL, I place this code in the
* public domain for the benefit of all mankind - even the slimy
* ones who might try to proprietize my work and use it to my
* detriment.
*/

Files:

modules/audio_coding/codecs/g722/main/source/g722_decode.c
modules/audio_coding/codecs/g722/main/source/g722_enc_dec.h
modules/audio_coding/codecs/g722/main/source/g722_encode.c

License:

/*
* SpanDSP - a series of DSP components for telephony
*
* g722_decode.c - The ITU G.722 codec, decode part.
*
* Written by Steve Underwood <steveu@coppice.org>
*
* Copyright (C) 2005 Steve Underwood
*
* Despite my general liking of the GPL, I place my own contributions
* to this code in the public domain for the benefit of all mankind -
* even the slimy ones who might try to proprietize my work and use it

* to my detriment.
*
* Based in part on a single channel G.722 codec which is:
*
* Copyright (c) CMU 1993
* Computer Science, Speech Group
* Chengxiang Lu and Alex Hauptmann
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*/

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modules/audio_device/mac/portaudio/pa_ringbuffer.c
modules/audio_device/mac/portaudio/pa_ringbuffer.h

License:

/*
* \$Id: pa_memorybarrier.h 1240 2007-07-17 13:05:07Z bjornroche \$
* Portable Audio I/O Library

* Memory barrier utilities

*

* Author: Bjorn Roche, XO Audio, LLC

*

* This program uses the PortAudio Portable Audio Library.

* For more information see: <http://www.portaudio.com>

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*/

/*

* \$Id: pa_ringbuffer.c 1421 2009-11-18 16:09:05Z bjornroche \$

* Portable Audio I/O Library

* Ring Buffer utility.

*

* Author: Phil Burk, <http://www.softsynth.com>

* modified for SMP safety on Mac OS X by Bjorn Roche

* modified for SMP safety on Linux by Leland Lucius

* also, allowed for const where possible

* modified for multiple-byte-sized data elements by Sven Fischer

*

* Note that this is safe only for a single-thread reader and a

* single-thread writer.

*

* This program uses the PortAudio Portable Audio Library.

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common_audio/fft4g.c

modules/audio_processing/aec/aec_rdft.c

License:

/*

* <http://www.kurims.kyoto-u.ac.jp/~ooura/fft.html>

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system_wrappers/source/condition_variable_event_win.cc

Source:

<http://www1.cse.wustl.edu/~schmidt/ACE-copying.html>

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system_wrappers/source/set_thread_name_win.h

Source:

<http://msdn.microsoft.com/en-us/cc300389.aspx#P>

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CVC's SMT-LIB Parser

\file smtlib.y

Author: Sergey Berezin, Clark Barrett

Created: Apr 30 2005

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* PROGRAM NAME: STP (Simple Theorem Prover)

*

* AUTHORS: Vijay Ganesh

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CVC's SMT-LIB Parser

\file smtlib.y

Author: Sergey Berezin, Clark Barrett

Created: Apr 30 2005

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* MODP_B64 - High performance base64 encoder/decoder

* Version 1.3 -- 17-Mar-2006

* <http://modp.com/release/base64>

*

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Dr. Memory: the memory debugger

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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* A "png_get_copyright" function is available, for convenient use in "about"
* boxes and the like:
*
* printf("%s", png_get_copyright(NULL));
*
* Also, the PNG logo (in PNG format, of course) is supplied in the
* files "pngbar.png" and "pngbar.jpg (88x31) and "pngnow.png" (98x31).
*/

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*
* Thanks to Frank J. T. Wojcik for helping with the documentation.
*/
```

```

/*
 * Y2K compliance in libpng:
 * =====
 *
 * December 22, 2014
 *
 * Since the PNG Development group is an ad-hoc body, we can't make
 * an official declaration.
 *
 * This is your unofficial assurance that libpng from version 0.71 and
 * upward through 1.6.16 are Y2K compliant. It is my belief that
 * earlier versions were also Y2K compliant.
 *
 * Libpng only has two year fields. One is a 2-byte unsigned integer
 * that will hold years up to 65535. The other, which is deprecated,
 * holds the date in text format, and will hold years up to 9999.
 *
 * The integer is
 * "png_uint_16 year" in png_time_struct.
 *
 * The string is
 * "char time_buffer[29]" in png_struct. This is no longer used
 * in libpng-1.6.x and will be removed from libpng-1.7.0.
 *
 * There are seven time-related functions:
 * png.c: png_convert_to_rfc_1123_buffer() in png.c
 * (formerly png_convert_to_rfc_1123() prior to libpng-1.5.x and
 * png_convert_to_rfc_1152() in error prior to libpng-0.98)
 * png_convert_from_struct_tm() in pngwrite.c, called in pngwrite.c
 * png_convert_from_time_t() in pngwrite.c
 * png_get_tIME() in pngget.c
 * png_handle_tIME() in pngutil.c, called in pngread.c
 * png_set_tIME() in pngset.c
 * png_write_tIME() in pngutil.c, called in pngwrite.c
 *
 * All handle dates properly in a Y2K environment. The
 * png_convert_from_time_t() function calls gmtime() to convert from system
 * clock time, which returns (year - 1900), which we properly convert to
 * the full 4-digit year. There is a possibility that libpng applications
 * are not passing 4-digit years into the png_convert_to_rfc_1123_buffer()
 * function, or that they are incorrectly passing only a 2-digit year
 * instead of "year - 1900" into the png_convert_from_struct_tm() function,
 * but this is not under our control. The libpng documentation has always
 * stated that it works with 4-digit years, and the APIs have been
 * documented as such.
 *
 * The tIME chunk itself is also Y2K compliant. It uses a 2-byte unsigned
 * integer to hold the year, and can hold years as large as 65535.

```

```

*
*  zlib, upon which libpng depends, is also Y2K compliant.  It contains
*  no date-related code.
*
*  Glenn Randers-Pehrson
*  libpng maintainer
*  PNG Development Group
*/
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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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-*-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

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Some optional parts of FFmpeg are licensed under the GNU General Public License version 2 or later (GPL v2+). See the file `COPYING.GPLv2` for details. None of these parts are used by default, you have to explicitly pass `--enable-gpl` to

configure to activate them. In this case, FFmpeg's license changes to GPL v2+.

Specifically, the GPL parts of FFmpeg are:

- libpostproc
- optional x86 optimizations in the files
 - `libavcodec/x86/flac_dsp_gpl.asm`
 - `libavcodec/x86/idct_mmx.c`
- libutvideo encoding/decoding wrappers in `libavcodec/libutvideo*.cpp`
- the X11 grabber in `libavdevice/x11grab.c`
- the swresample test app in `libswresample/swresample-test.c`
- the `texi2pod.pl` tool
- the following filters in libavfilter:
 - `f_ebur128.c`
 - `vf_blackframe.c`
 - `vf_boxblur.c`
 - `vf_colormatrix.c`
 - `vf_cover_rect.c`
 - `vf_croptdetect.c`
 - `vf_delogo.c`
 - `vf_eq.c`
 - `vf_find_rect.c`
 - `vf_fspp.c`
 - `vf_geq.c`
 - `vf_histeq.c`
 - `vf_hqdn3d.c`
 - `vf_interlace.c`
 - `vf_kerndeint.c`
 - `vf_mcdeint.c`
 - `vf_mpdecimate.c`
 - `vf_owdenoise.c`
 - `vf_perspective.c`
 - `vf_phase.c`
 - `vf_pp.c`
 - `vf_pp7.c`
 - `vf_pullup.c`
 - `vf_sab.c`
 - `vf_smartblur.c`
 - `vf_repeatfields.c`
 - `vf_spp.c`
 - `vf_stereo3d.c`
 - `vf_super2xsai.c`
 - `vf_tinterlace.c`
 - `vf_uspp.c`
 - `vsrc_mptestsrc.c`

Should you, for whatever reason, prefer to use version 3 of the (L)GPL, then the configure parameter `--enable-version3` will activate this licensing option for you. Read the file `COPYING.LGPLv3` or, if you have enabled GPL parts, `COPYING.GPLv3` to learn the exact legal terms that apply in this case.

There are a handful of files under other licensing terms, namely:

- * The files `libavcodec/jfdctfst.c`, `libavcodec/jfdctint_template.c` and `libavcodec/jrevdct.c` are taken from libjpeg, see the top of the files for licensing details. Specifically note that you must credit the IJG in the documentation accompanying your program if you only distribute executables. You must also indicate any changes including additions and deletions to those three files in the documentation.
- * `tests/reference.pnm` is under the expat license.

external libraries

=====

FFmpeg can be combined with a number of external libraries, which sometimes affect the licensing of binaries resulting from the combination.

compatible libraries

The following libraries are under GPL:

- frei0r
- libcdio
- libutvideo
- libvidstab
- libx264
- libx265
- libxavs
- libxvid

When combining them with FFmpeg, FFmpeg needs to be licensed as GPL as well by passing `--enable-gpl` to configure.

The OpenCORE and VisualOn libraries are under the Apache License 2.0. That license is incompatible with the LGPL v2.1 and the GPL v2, but not with version 3 of those licenses. So to combine these libraries with FFmpeg, the license version needs to be upgraded by passing `--enable-version3` to configure.

incompatible libraries

The Fraunhofer AAC library, FAAC and aacplus are under licenses which are incompatible with the GPLv2 and v3. We do not know for certain if their

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If you wish to enable these libraries, pass `--enable-nonfree` to configure.

But note that if you enable any of these libraries the resulting binary will be under a complex license mix that is more restrictive than the LGPL and that may result in additional obligations. It is possible that these restrictions cause the resulting binary to be unredistributable.

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VP8 ARMv6 optimisations

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Floating point AAN DCT

this implementation is based upon the IJG integer AAN DCT (see jfdctfst.c)

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

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

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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.

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```
; This is a header file for the x264ASM assembly language, which uses
; NASM/YASM syntax combined with a large number of macros to provide easy
; abstraction between different calling conventions (x86_32, win64, linux64).
; It also has various other useful features to simplify writing the kind of
; DSP functions that are most often used in x264.
```

```
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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.

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- * 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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* Small patch improving performance of in Python serialization.
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* Fixes for Solaris 10 32/64-bit confusion.
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* 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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/* *                                     */
/* * Parts of this software have been adapted from the libpng package. * */
/* * Although this library supports all features from the PNG specification * */
/* * (as MNG descends from it) it does not require the libpng package. * */
/* * It does require the zlib library and optionally the IJG jpeg library, * */
/* * and/or the "little-cms" library by Marti Maria (depending on the * */
/* * inclusion of support for JNG and Full-Color-Management respectively. * */

```

```

/* *                               * */
/* * This library's function is primarily to read and display MNG      * */
/* * animations. It is not meant as a full-featured image-editing     * */
/* * component! It does however offer creation and editing functionality * */
/* * at the chunk level.                                             * */
/* * (future modifications may include some more support for creation  * */
/* * and or editing)                                               * */
/* *                               * */
/* ***** */

```

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^tools/utis/qtcreator/

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#

src/bdf/bdf.c

src/bdf/bdf.h

```
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/ftrandom/ftrandom.c
#
# EOF
```

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/*

* \$Id: tree234.c,v 1.6 2003/06/02 15:42:21 dcm Exp \$

*

* tree234.c: reasonably generic counted 2-3-4 tree routines.

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1.187 spring security 3.2.5

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1.190 tcl/tk 8.3.3 :11.10.0 REV

2005.01.08.05.16

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1.191 tcsh 6.12 :11.10.0 REV 2005.01.08.05.16

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1.193 testng 6.9.10

1.194 Thunderbird localization - Spanish

2.0.0.4 REV 10.4.3.2007.07.10.10.51 :2.0.0.4

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- 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
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- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd

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- web-common_3_0.xsd
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- jsp_2_3.xsd
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- web-common_3_1.xsd
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- javaee_web_services_1_2.xsd
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- 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
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1.197 UI Grid 4.0.6

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

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1.208 zlib 1.2.5

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1.210 zsh 4.2.1 :11.10.0 REV 2005.01.08.05.16

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/*

* pattern.c - pattern matching

*

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