



Open Source Used In Connected Mobile Experiences (CMX), Release 10.6.1 10.6.1

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Contents

1.1 aopalliance version 1.0 repackaged as a module 2.4.0-b31

1.1.1 Available under license

1.2 aopalliance-repackaged 2.4.0-b34

1.2.1 Available under license

1.3 Apache Commons Collections 3.2.1.

1.3.1 Available under license

1.4 Apache Commons Compress 1.8.1

1.4.1 Available under license

1.5 Apache Commons CSV 1.1

1.5.1 Available under license

1.6 Apache Commons Pool 2.0

1.6.1 Available under license

1.7 Apache Commons Pool 2.2

1.7.1 Available under license

1.8 Apache Commons: Logging 1.0.3

1.8.1 Notifications

1.8.2 Available under license

1.9 Apache Shiro :: Core 1.2.2

1.9.1 Available under license

1.10 apache-cassandra 2.1.13

1.10.1 Available under license

1.11 argparse 1.3.0

1.11.1 Available under license

1.12 Backbone.js 1.1.2

1.12.1 Available under license

1.13 Backbone.Memento 0.4.1a

- 1.13.1 Available under license
- 1.14 backbonejs 1.1.2**
 - 1.14.1 Available under license
- 1.15 bcprov-ext-jdk15on 1.50**
 - 1.15.1 Available under license
- 1.16 bcprov-jdk15on 1.50**
 - 1.16.1 Available under license
- 1.17 Bean Validation API 1.1.0.Final**
 - 1.17.1 Available under license
- 1.18 bind-utils 9.8.2 :0.17.rc1.el6_4.4**
 - 1.18.1 Available under license
- 1.19 bootstrap 3.1.1 :3.1.1**
 - 1.19.1 Available under license
- 1.20 bootstrap-datetimepicker 3.1.2**
 - 1.20.1 Available under license
- 1.21 bootstrap-multiselect 0.9.10**
 - 1.21.1 Available under license
- 1.22 bootstrap-select 1.5.4**
 - 1.22.1 Available under license
- 1.23 bootstrap-switch 3.0**
 - 1.23.1 Available under license
- 1.24 bootstrap-tour 0.10.1**
 - 1.24.1 Available under license
- 1.25 Bouncy Castle Provider 1.50**
- 1.26 browser.js 0.7.2**
 - 1.26.1 Available under license
- 1.27 Cassandra 2.09-7**
 - 1.27.1 Available under license
- 1.28 cassandra-driver-core 2.1.5**
 - 1.28.1 Available under license
- 1.29 centos-release 7 :4.1708.el7.centos**
 - 1.29.1 Available under license
- 1.30 clone 1.0.2**
 - 1.30.1 Available under license
- 1.31 clone 1.0.2**
 - 1.31.1 Available under license
- 1.32 cloud-init 0.7.5**
 - 1.32.1 Available under license
- 1.33 cloud-utils 0.27 :10.el6**

- 1.33.1 Available under license
- 1.34 Codec 1.3**
 - 1.34.1 Available under license
- 1.35 collectd 5.4.1**
 - 1.35.1 Available under license
- 1.36 com.cisco.xmp.osgi.commons.logging 1.0.4**
 - 1.36.1 Available under license
- 1.37 Commons BeanUtils 1.8.3**
 - 1.37.1 Available under license
- 1.38 Commons IO 2.4**
 - 1.38.1 Available under license
- 1.39 Commons Logging 1.1.1**
 - 1.39.1 Available under license
- 1.40 Commons Net 3.3**
 - 1.40.1 Available under license
- 1.41 commons-codec 1.6**
 - 1.41.1 Available under license
- 1.42 commons-compress 1.8.1**
 - 1.42.1 Available under license
- 1.43 commons-csv 1.1**
 - 1.43.1 Available under license
- 1.44 commons-httpclient 3.1**
 - 1.44.1 Available under license
- 1.45 commons-lang 2.6**
 - 1.45.1 Available under license
- 1.46 commons-lang3 3.1**
 - 1.46.1 Available under license
- 1.47 commons-math3 3.2**
 - 1.47.1 Available under license
- 1.48 commons-net:jar 3.3**
 - 1.48.1 Available under license
- 1.49 commons-pool2 2.2**
 - 1.49.1 Available under license
- 1.50 compiler 0.8.17**
 - 1.50.1 Available under license
- 1.51 compress-lzf 0.8.4**
 - 1.51.1 Available under license
- 1.52 concurrentlinkedhashmap-lru 1.4**
 - 1.52.1 Available under license

- 1.53 connect 3.3.5**
 - 1.53.1 Available under license
- 1.54 Consul 0.4.1 :(October 20, 2014)**
 - 1.54.1 Available under license
- 1.55 cronolog 1.6.2**
 - 1.55.1 Available under license
- 1.56 DataTables 1.10.4**
 - 1.56.1 Available under license
- 1.57 dialog 1.492 :2014/02/19**
 - 1.57.1 Available under license
- 1.58 dmidecode 2.12**
 - 1.58.1 Available under license
- 1.59 dnsmasq 2.48**
 - 1.59.1 Available under license
- 1.60 domReady.js 2.0.1**
 - 1.60.1 Available under license
- 1.61 EasyMock 3.2**
 - 1.61.1 Available under license
- 1.62 EclipseLink ASM 2.5.0**
 - 1.62.1 Available under license
- 1.63 EclipseLink Core 2.5.0**
 - 1.63.1 Available under license
- 1.64 ejml 0.24**
 - 1.64.1 Available under license
- 1.65 express 3.3.4**
 - 1.65.1 Available under license
- 1.66 express 3.3.1**
 - 1.66.1 Available under license
- 1.67 fast-serialization 1.58**
 - 1.67.1 Available under license
- 1.68 fio 2.0.9**
 - 1.68.1 Available under license
- 1.69 font-awesome 4.2.0**
 - 1.69.1 Available under license
- 1.70 font-awesome.min 4.1.0**
 - 1.70.1 Available under license
- 1.71 formidable 1.0.17**
 - 1.71.1 Available under license
- 1.72 freeradius 3.0.11**

- 1.72.1 Available under license
- 1.73 gagawa 1.0.1**
 - 1.73.1 Available under license
- 1.74 gcc 4.4.7 :11.el6**
 - 1.74.1 Available under license
- 1.75 gdal 1.9.2**
 - 1.75.1 Available under license
- 1.76 gdal_scripts 1.9.2**
 - 1.76.1 Available under license
- 1.77 gevent 1.0.1 :(Nov 26, 2013)**
 - 1.77.1 Available under license
- 1.78 gevent 0.13.8**
 - 1.78.1 Available under license
- 1.79 git 1.8.4.3**
 - 1.79.1 Available under license
- 1.80 golang-confd 0.6.0**
 - 1.80.1 Available under license
- 1.81 google-gson 2.2.2**
 - 1.81.1 Available under license
- 1.82 gov.nist.math.jama 1.1.1**
- 1.83 greenlet 0.4.5 :1.e16**
 - 1.83.1 Available under license
- 1.84 Gson 2.2.4**
 - 1.84.1 Available under license
- 1.85 Guava: Google Core Libraries for Java 18.0**
 - 1.85.1 Available under license
- 1.86 haproxy 1.5.8**
 - 1.86.1 Available under license
- 1.87 haproxy 1.5.3-1 :2014/07/25**
 - 1.87.1 Available under license
- 1.88 haproxy 1.7.9**
 - 1.88.1 Available under license
- 1.89 hello.js 1.4.1**
 - 1.89.1 Available under license
- 1.90 HK2 API module 2.4.0-b31**
 - 1.90.1 Available under license
- 1.91 HK2 Implementation Utilities 2.4.0-b31**
 - 1.91.1 Available under license
- 1.92 hk2-api 2.4.0-b34**

- 1.92.1 Available under license
- 1.93 hk2-locator 2.4.0-b34**
 - 1.93.1 Available under license
- 1.94 hk2-utils 2.4.0-b34**
 - 1.94.1 Available under license
- 1.95 httpclient 3.1**
 - 1.95.1 Available under license
- 1.96 HttpClient 4.2.4**
 - 1.96.1 Available under license
- 1.97 HttpClient 4.2.5**
 - 1.97.1 Available under license
- 1.98 HttpCore 4.2.4**
 - 1.98.1 Available under license
- 1.99 httpmime 4.3.3**
 - 1.99.1 Available under license
- 1.100 ImageMagick 6.5.4.7 :7.el6_5**
 - 1.100.1 Notifications
 - 1.100.2 Available under license
- 1.101 influxdb 0.8.5**
 - 1.101.1 Available under license
- 1.102 influxdb 0.8.6**
 - 1.102.1 Available under license
- 1.103 influxdb 1.2.4**
 - 1.103.1 Available under license
- 1.104 influxdb-java 1.5**
 - 1.104.1 Available under license
- 1.105 iodocs 0.0.1**
 - 1.105.1 Available under license
- 1.106 iotop 0.3.2 :7.el6**
 - 1.106.1 Available under license
- 1.107 ipmitool 1.8.11 :16.el5**
 - 1.107.1 Available under license
- 1.108 ipmitool 1.8.11**
 - 1.108.1 Available under license
- 1.109 jackson-annotations 2.4.3**
 - 1.109.1 Available under license
- 1.110 jackson-annotations 2.4.0**
 - 1.110.1 Available under license
- 1.111 Jackson-annotations 2.4.6**

- 1.111.1 Available under license
- 1.112 jackson-core 2.4.3**
 - 1.112.1 Available under license
- 1.113 jackson-core 2.4.3**
 - 1.113.1 Available under license
- 1.114 jackson-core 2.4.6**
 - 1.114.1 Available under license
- 1.115 jackson-databind 2.4.3**
 - 1.115.1 Available under license
- 1.116 jackson-dataformat-xml 2.7.4**
 - 1.116.1 Available under license
- 1.117 jackson-dataformat-xml 2.4.3**
 - 1.117.1 Available under license
- 1.118 jackson-jaxrs-json-provider 2.4.3**
 - 1.118.1 Available under license
- 1.119 jackson-jaxrs-xml-provider 2.4.3**
 - 1.119.1 Available under license
- 1.120 Jackson-module-JAXB-annotations 2.4.3**
 - 1.120.1 Available under license
- 1.121 jackson-module-jsonSchema 2.4.3**
 - 1.121.1 Available under license
- 1.122 jade 1.9.1**
 - 1.122.1 Available under license
- 1.123 jade (pug) 1.9.2**
 - 1.123.1 Available under license
- 1.124 Java Image-Scaling Library (imgscalr) 4.2 :4**
 - 1.124.1 Available under license
- 1.125 Java Servlet API 3.1.0**
 - 1.125.1 Available under license
- 1.126 Javassist 3.18.1-GA**
 - 1.126.1 Available under license
- 1.127 javax.annotation API 1.2**
 - 1.127.1 Available under license
- 1.128 javax.inject 2.4.0-b34**
 - 1.128.1 Available under license
- 1.129 javax.inject 1**
 - 1.129.1 Available under license
- 1.130 javax.inject:1 as OSGi bundle 2.4.0-b31**
 - 1.130.1 Available under license

- 1.131 javax.ws.rs-api 2.0**
 - 1.131.1 Available under license
- 1.132 jbcrypt 0.3m**
 - 1.132.1 Available under license
- 1.133 jboss-logging 3.1.4 :GA**
 - 1.133.1 Available under license
- 1.134 Jedis 2.4.4-hyperloglog**
 - 1.134.1 Available under license
- 1.135 Jersey 2.5.1**
 - 1.135.1 Available under license
- 1.136 jersey-client 2.22.2**
 - 1.136.1 Available under license
- 1.137 jersey-client 2.5.1**
 - 1.137.1 Available under license
- 1.138 jersey-common 2.5.1**
 - 1.138.1 Available under license
- 1.139 jersey-common 2.22.2**
 - 1.139.1 Available under license
- 1.140 jersey-container-servlet 2.5.1**
 - 1.140.1 Available under license
- 1.141 jersey-container-servlet-core 2.5.1**
 - 1.141.1 Available under license
- 1.142 jersey-core-client 2.22.1**
 - 1.142.1 Available under license
- 1.143 jersey-core-client 2.17**
 - 1.143.1 Available under license
- 1.144 jersey-core-server 2.22.1**
 - 1.144.1 Available under license
- 1.145 jersey-guava 2.22.2**
 - 1.145.1 Available under license
- 1.146 jersey-media-jaxb 2.22.1**
 - 1.146.1 Available under license
- 1.147 jersey-media-multipart 2.5.1**
 - 1.147.1 Available under license
- 1.148 jersey-media-sse 2.5.1**
 - 1.148.1 Available under license
- 1.149 jersey-server 2.5.1**
 - 1.149.1 Available under license
- 1.150 jetty-client 9.1.5.v20140505**

- 1.150.1 Available under license
- 1.151 jetty-continuation 9.1.5.v20140505**
 - 1.151.1 Available under license
- 1.152 jetty-http 9.1.5.v20140505**
 - 1.152.1 Available under license
- 1.153 jetty-http-spi 9.1.5.v20140505**
 - 1.153.1 Available under license
- 1.154 jetty-io 9.1.5.v20140505**
 - 1.154.1 Available under license
- 1.155 jetty-security 9.1.5.v20140505**
 - 1.155.1 Available under license
- 1.156 jetty-server 9.1.5.v20140505**
 - 1.156.1 Available under license
- 1.157 jetty-servlet 9.1.5.v20140505**
 - 1.157.1 Available under license
- 1.158 jetty-servlets 9.1.5.v20140505**
 - 1.158.1 Available under license
- 1.159 jetty-util 9.1.5.v20140505**
 - 1.159.1 Available under license
- 1.160 jetty-websocket 9.1.5.v20140505**
 - 1.160.1 Available under license
- 1.161 JLine 1.0**
 - 1.161.1 Available under license
- 1.162 joda-time 2.2**
 - 1.162.1 Available under license
- 1.163 JQuery 1.11.0**
 - 1.163.1 Available under license
- 1.164 jquery ui 1.11.0**
- 1.165 jquery-cookie 1.4.0**
 - 1.165.1 Available under license
- 1.166 jquery-ui 1.11.0**
 - 1.166.1 Available under license
- 1.167 jQuery.BigText 0.1.6**
 - 1.167.1 Available under license
- 1.168 jquery.cookie 1.4.0**
 - 1.168.1 Available under license
- 1.169 jQuery.Dynatable 0.3.1**
 - 1.169.1 Available under license
- 1.170 jQuery.FixClick 1.2**

- 1.170.1 Available under license
- 1.171 jQuery.shapeshift 2**
 - 1.171.1 Available under license
- 1.172 jQuery.textEditor 1.4.0**
 - 1.172.1 Available under license
- 1.173 jQuery.transit 0.9.9**
 - 1.173.1 Available under license
- 1.174 jquery.validate 1.14.0**
 - 1.174.1 Available under license
- 1.175 json-c 0.11**
 - 1.175.1 Available under license
- 1.176 json-smart 1.1.1**
 - 1.176.1 Available under license
- 1.177 jtoml 1.0.0**
 - 1.177.1 Available under license
- 1.178 jul-to-slf4j 1.7.7**
 - 1.178.1 Available under license
- 1.179 jung-algorithms 2.0.1**
 - 1.179.1 Available under license
- 1.180 jung-graph-impl 2.0.1**
 - 1.180.1 Available under license
- 1.181 Junit 4.10**
 - 1.181.1 Available under license
- 1.182 jzmq 2.2.2 :February 16, 2013**
 - 1.182.1 Available under license
- 1.183 keepalived 1.2.13 :5**
 - 1.183.1 Available under license
- 1.184 libsvm 3.17**
 - 1.184.1 Available under license
- 1.185 libtalloc 2.0.7 :2.e16**
 - 1.185.1 Available under license
- 1.186 libzmq3 3.2.3**
 - 1.186.1 Available under license
- 1.187 log4j-api 2.0.1**
 - 1.187.1 Available under license
- 1.188 log4j-core 2.0.1**
 - 1.188.1 Available under license
- 1.189 log4j-slf4j-impl 2.0.1**
 - 1.189.1 Available under license

- 1.190 logstash-gelf 1.10**
 - 1.190.1 Available under license
- 1.191 Isof 4.82 :4.el6**
 - 1.191.1 Notifications
 - 1.191.2 Available under license
- 1.192 mail 1.4.7**
 - 1.192.1 Available under license
- 1.193 MarionetteJS 1.6.4**
 - 1.193.1 Available under license
- 1.194 metrics-core 3.0.1**
 - 1.194.1 Available under license
- 1.195 metrics-json 3.0.1**
 - 1.195.1 Available under license
- 1.196 metrics-servlets 3.0.1**
 - 1.196.1 Available under license
- 1.197 mibble-mibs 2.7.1**
 - 1.197.1 Available under license
- 1.198 mibble-parser 2.7.1**
 - 1.198.1 Available under license
- 1.199 MIME streaming extension 1.8**
 - 1.199.1 Available under license
- 1.200 moment.js 2.8.1**
 - 1.200.1 Available under license
- 1.201 monit 5.14 :2**
 - 1.201.1 Available under license
- 1.202 mustache-java 0.8.17**
 - 1.202.1 Available under license
- 1.203 naming-java 0.8**
 - 1.203.1 Available under license
- 1.204 net-snmp-utils 5.5 :54.el6**
 - 1.204.1 Available under license
- 1.205 netifaces 0.10.4**
 - 1.205.1 Available under license
- 1.206 netty 4.0.12**
 - 1.206.1 Available under license
- 1.207 netty 3.9.2**
 - 1.207.1 Available under license
- 1.208 netty-all 4.0.12.Final**
 - 1.208.1 Available under license

- 1.209 nltk 3.0.4**
 - 1.209.1 Available under license
- 1.210 node-formidable 1.0.14**
 - 1.210.1 Available under license
- 1.211 node-redis 0.8.6**
 - 1.211.1 Available under license
- 1.212 nodejs 6.10.3**
 - 1.212.1 Available under license
- 1.213 nodejs_deps_npm_Artisticv2 0.10.26**
 - 1.213.1 Available under license
- 1.214 not-yet-commons-ssl 0.3.11**
 - 1.214.1 Available under license
- 1.215 ntp 4.2.6p5 :2011/12/24 Harlan Stenn**
 - 1.215.1 Available under license
- 1.216 OAuth 1.0**
 - 1.216.1 Available under license
- 1.217 OpenIPMI 2.0.16 :16.e15**
 - 1.217.1 Available under license
- 1.218 Openlayers 2.13.1**
 - 1.218.1 Available under license
- 1.219 openssh-clients 5.3p1 :104.e16_6.1**
 - 1.219.1 Available under license
- 1.220 org.apache.cxf:cxf-rt-frontend-jaxws 2.1.9**
 - 1.220.1 Available under license
- 1.221 org.eclipse.persistence.jpa 2.5.0**
 - 1.221.1 Available under license
- 1.222 org.eclipse.persistence.jpa 2.4.2**
 - 1.222.1 Available under license
- 1.223 org.eclipse.persistence.jpa.jpql 2.5.0**
 - 1.223.1 Available under license
- 1.224 osgi.resource.locator 1.0.1**
 - 1.224.1 Available under license
- 1.225 Papa Parse 4.1.0**
 - 1.225.1 Available under license
- 1.226 paramiko 1.15.2**
 - 1.226.1 Available under license
- 1.227 parted 2.1 :25.e16**
 - 1.227.1 Available under license
- 1.228 passport 0.2.0**

- 1.228.1 Available under license
- 1.229 passport-local 0.1.6**
 - 1.229.1 Available under license
- 1.230 paste 1.7.5.1-4ubuntu2**
 - 1.230.1 Available under license
- 1.231 paste 1.7.5.1**
 - 1.231.1 Available under license
- 1.232 perf 2.6.32 :504**
 - 1.232.1 Available under license
- 1.233 persistence-antlr 2.5.0**
 - 1.233.1 Available under license
- 1.234 persistence-asm 2.5.0**
 - 1.234.1 Available under license
- 1.235 persistence-core 2.5.0**
 - 1.235.1 Available under license
- 1.236 persistence-moxy 2.5.0**
 - 1.236.1 Available under license
- 1.237 pexpect 4.0.1**
 - 1.237.1 Available under license
- 1.238 phantomjs 1.9.1**
 - 1.238.1 Available under license
- 1.239 pigz 2.2.5 :1.el5**
 - 1.239.1 Available under license
- 1.240 Postgres 9.6.2**
 - 1.240.1 Available under license
- 1.241 PostgreSQL 9.3.5**
 - 1.241.1 Available under license
- 1.242 postgresql 9.3-1101-jdbc41**
 - 1.242.1 Available under license
- 1.243 postgresql93 9.3.11 :1PGDG.rhel6**
 - 1.243.1 Available under license
- 1.244 protobuf-java 2.4.1**
 - 1.244.1 Available under license
- 1.245 protobuf-java 2.5.0**
 - 1.245.1 Available under license
- 1.246 psutils 1.17 :34.el6**
 - 1.246.1 Available under license
- 1.247 psycpg2 2.5.4**
 - 1.247.1 Available under license

- 1.248 pytyprocess 0.5.1**
 - 1.248.1 Available under license
- 1.249 python 2.7.9**
 - 1.249.1 Available under license
- 1.250 Python Enum 0.4.4**
 - 1.250.1 Available under license
- 1.251 python-argparse 1.2.1 :9cbf4abe5aec05480e8fa320731236cf**
 - 1.251.1 Available under license
- 1.252 python-bottle 0.12.8**
 - 1.252.1 Available under license
- 1.253 python-click 3.3 :September 8th 2014**
 - 1.253.1 Available under license
- 1.254 python-click 3.3**
 - 1.254.1 Available under license
- 1.255 python-cql 1.4.0 :2012/10/19**
 - 1.255.1 Available under license
- 1.256 python-crontab 1.9.1 :02 Jan 2015 Martin Owens**
 - 1.256.1 Available under license
- 1.257 python-dateutil 2.4.0**
 - 1.257.1 Available under license
- 1.258 python-decorator 3.4.0 :3.el7**
 - 1.258.1 Available under license
- 1.259 python-ecdsa 0.11 :3.el7.centos**
 - 1.259.1 Available under license
- 1.260 python-ecdsa 0.13**
 - 1.260.1 Available under license
- 1.261 python-fabric 1.10.1**
 - 1.261.1 Available under license
- 1.262 python-gevent 1.0 :1ubuntu1.1**
 - 1.262.1 Available under license
- 1.263 python-greenlet 0.2**
 - 1.263.1 Available under license
- 1.264 python-paramiko 1.15.1 :1.el7**
 - 1.264.1 Available under license
- 1.265 python-paste 1.7.5.1**
 - 1.265.1 Available under license
- 1.266 python-pip 6.0.6 :(2015-01-03)**
 - 1.266.1 Available under license
- 1.267 python-pip 1.3.1 :4.el6**

- 1.267.1 Available under license
- 1.268 python-pip_CA-Root-Certificates 1.3.1 :4.e16**
 - 1.268.1 Available under license
- 1.269 python-psutil 2.1.3**
 - 1.269.1 Available under license
- 1.270 python-setuptools 1.4.2**
 - 1.270.1 Available under license
- 1.271 python-six 1.9.0**
 - 1.271.1 Available under license
- 1.272 python-toml 0.8.2**
 - 1.272.1 Available under license
- 1.273 python2-pythondialog 3.0.1 :2013-11-01 Florent Rougon**
 - 1.273.1 Available under license
- 1.274 python2-redis 2.10.3**
 - 1.274.1 Available under license
- 1.275 qemu-kvm 0.12.1.2**
 - 1.275.1 Available under license
- 1.276 qless-py 0.10.1**
 - 1.276.1 Available under license
- 1.277 redis 0.12.1**
 - 1.277.1 Available under license
- 1.278 Redis 3.2.7**
 - 1.278.1 Available under license
- 1.279 Redis 2.8.6 :13 Feb 2014**
 - 1.279.1 Available under license
- 1.280 redis-collectd-plugin master**
 - 1.280.1 Available under license
- 1.281 request 2.58.0**
 - 1.281.1 Available under license
- 1.282 requests 2.5.1 :(2014-12-23)**
 - 1.282.1 Available under license
- 1.283 requests 2.5.0 :(2012-12-17)**
 - 1.283.1 Available under license
- 1.284 requests_packageges 2.5.0 :(2012-12-17)**
 - 1.284.1 Available under license
- 1.285 requests_packageges 2.5.1 :(2014-12-23)**
 - 1.285.1 Available under license
- 1.286 require.js 2.1.11**
 - 1.286.1 Available under license

- 1.287 scrollspy.js 3.1.1**
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`src/test/resources/CSVFileParser/bom.csv`

`src/test/resources/CSVFileParser/test.csv`

`src/test/resources/CSVFileParser/test_default.txt`

`src/test/resources/CSVFileParser/test_default_comment.txt`

`src/test/resources/CSVFileParser/test_rfc4180.txt`

`src/test/resources/CSVFileParser/test_rfc4180_trim.txt`

`src/test/resources/CSVFileParser/testCSV85.csv`

`src/test/resources/CSVFileParser/testCSV85_default.txt`

`src/test/resources/CSVFileParser/testCSV85_ignoreEmpty.txt`

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(<https://github.com/snazy/ohc>)

Java Off-Heap-Cache, licensed under APLv2

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Version 2.1, February 1999

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This package was debianized by Eric Evans <eevans@apache.org> on
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1.11 argparse 1.3.0

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argparse is (c) 2006-2009 Steven J. Bethard <steven.bethard@gmail.com>.

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History

Before (and including) argparse 1.1, the argparse package was licensed under Apache License v2.0.

After argparse 1.1, all project files from the argparse project were deleted due to license compatibility issues between Apache License 2.0 and GNU GPL v2.

The project repository then had a clean start with some files taken from Python 2.7.1, so definitely all files are under Python License now.

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	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes

2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
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2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
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1.18 bind-utils 9.8.2 :0.17.rc1.el6_4.4

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-->

<!-- \$Id: copyright.xml,v 1.8 2009-07-10 23:47:58 tbox Exp \$ -->

<!-- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">

<xsl:template name="isc.copyright.format">

<xsl:param name="text"/>

<xsl:value-of select="\$isc.copyright.leader"/>

<xsl:value-of select="normalize-space(substring-before(\$text, '
'))"/>

<xsl:text>
</xsl:text>

```

<xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
<xsl:if test="translate($rest, '&#9;&#32;', ' ')">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text" select="$rest"/>
  </xsl:call-template>
</xsl:if>
</xsl:template>

```

```

<xsl:variable name="isc.copyright.text">
  <xsl:text>
    Permission to use, copy, modify, and/or distribute this software for any
    purpose with or without fee is hereby granted, provided that the above
    copyright notice and this permission notice appear in all copies.
  </xsl:text>

```

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```

</xsl:text>
</xsl:variable>

```

```

<xsl:variable name="isc.copyright">
  <xsl:call-template name="isc.copyright.format">
    <xsl:with-param name="text">
      <xsl:for-each select="/refentry/docinfo/copyright | /book/bookinfo/copyright">
        <xsl:text>Copyright (C) </xsl:text>
        <xsl:call-template name="copyright.years">
          <xsl:with-param name="years" select="year"/>
        </xsl:call-template>
      <xsl:text> </xsl:text>
      <xsl:value-of select="holder"/>
      <xsl:text> &#10;</xsl:text>
    </xsl:for-each>
    <xsl:value-of select="$isc.copyright.text"/>
  </xsl:with-param>
</xsl:call-template>
</xsl:variable>

```

```

</xsl:stylesheet>

```

```

<!--
- Local variables:
- mode: sgml
- End:

```

-->

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* `configure.ac`, `Makefile.am`: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* `atf-c/ui.c`: The `format_paragraph` and `format_text` functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cff2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* `atf-c++/detail/io.hpp`, `atf-c++/detail/io.cpp`, `atf-c++/detail/io_test.cpp`: These files were derived from the `file_handle`, `systembuf`, `pipe` and `pistream` classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* `admin/check-style.sh`, `admin/check-style-common.awk`, `admin/check-style-cpp.awk`, `admin/check-style-shell.awk`: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

=====
vim: filetype=text:textwidth=75:expandtab:shiftwidth=2:softtabstop=2

1.19 bootstrap 3.1.1 :3.1.1

1.19.1 Available under license :

/*!

* Bootstrap v3.1.1 (<http://getbootstrap.com>)

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1.20 bootstrap-datetimepicker 3.1.2

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1.21 bootstrap-multiselect 0.9.10

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1.22 bootstrap-select 1.5.4

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1.23 bootstrap-switch 3.0

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1.24 bootstrap-tour 0.10.1

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1.25 Bouncy Castle Provider 1.50

1.26 browser.js 0.7.2

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1.28 cassandra-driver-core 2.1.5

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```
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Name: cloud-init

Maintainer: Scott Moser <scott.moser@canonical.com>

Source: <https://launchpad.net/cloud-init>

This package was debianized by Soren Hansen <soren@ubuntu.com> on Thu, 04 Sep 2008 12:49:15 +0200 as ec2-init. It was later renamed to cloud-utils by Scott Moser <scott.moser@canonical.com>

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1.42 commons-compress 1.8.1

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1.43 commons-csv 1.1

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`src/test/resources/CSVFileParser/test_rfc4180_trim.txt`

`src/test/resources/CSVFileParser/testCSV85.csv`

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1.44 commons-httpclient 3.1

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1.45 commons-lang 2.6

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1.46 commons-lang3 3.1

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
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1.56 DataTables 1.10.4

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1.57 dialog 1.492 :2014/02/19

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#
# Please send patches with a ChangeLog entry to config-patches@gnu.org.
#
# Configuration subroutine to validate and canonicalize a configuration type.
```



```
# Supply the specified configuration type as an argument.
# If it is invalid, we print an error message on stderr and exit with code 1.
# Otherwise, we print the canonical config type on stdout and succeed.

# You can get the latest version of this script from:
# http://git.savannah.gnu.org/gitweb/?p=config.git;a=blob\_plain;f=config.sub;hb=HEAD
```

1.58 dmidcode 2.12

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```

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1.60 domReady.js 2.0.1

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 *
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 */
```

```
package org.ejml;
```

```
import org.ejml.data.DenseMatrix64F;
```

```
import java.util.Arrays;
```

```
import java.util.Comparator;
```

```
/**
```

```
 * Various functions that are useful but don't have a clear location that they belong in.
```

```
 *
```

```
 * @author Peter Abeles
```

```
 */
```

```
public class UtilEjml {
```



```

/**
 * Version string used to indicate which version of EJML is being used.
 */
public static String VERSION = "0.24";

/**
 * Default tolerance.
 */
public static double TOLERANCE = 1e-8;

public static double EPS = Math.pow(2,-52);

public static boolean isUncountable( double val ) {
    return Double.isNaN(val) || Double.isInfinite(val);
}

public static void memset( double[] data , double val ) {
    for( int i = 0; i < data.length; i++ ) {
        data[i] = val;
    }
}

public static void memset( double[] data , double val , int length ) {
    for( int i = 0; i < length; i++ ) {
        data[i] = val;
    }
}

public static void memset( int[] data , int val , int length ) {
    for( int i = 0; i < length; i++ ) {
        data[i] = val;
    }
}

public static <T> void setnull( T[] array ) {
    for( int i = 0; i < array.length; i++ ) {
        array[i] = null;
    }
}

public static double max( double array[], int start , int length ) {
    double max = array[start];
    final int end = start+length;

    for( int i = start+1; i < end; i++ ) {
        double v = array[i];
        if( v > max ) {

```

```

        max = v;
    }
}

return max;
}

/**
 * Give a string of numbers it returns a DenseMatrix
 */
public static DenseMatrix64F parseMatrix( String s , int numColumns )
{
    String []vals = s.split("\\s+");

    // there is the possibility the first element could be empty
    int start = vals[0].isEmpty() ? 1 : 0;

    // covert it from string to doubles
    int numRows = (vals.length-start) / numColumns;

    DenseMatrix64F ret = new DenseMatrix64F(numRows,numColumns);

    int index = start;
    for( int i = 0; i < numRows; i++ ) {
        for( int j = 0; j < numColumns; j++ ) {
            ret.set(i,j, Double.parseDouble(vals[ index++ ]));
        }
    }

    return ret;
}

public static Integer[] sortByIndex( final double []data , int size ) {
    Integer[] idx = new Integer[size];
    for( int i = 0; i < size; i++ ) {
        idx[i] = i;
    }

    Arrays.sort(idx, new Comparator<Integer>() {
        @Override public int compare(final Integer o1, final Integer o2) {
            return Double.compare(data[o1], data[o2]);
        }
    });

    return idx;
}
}

```

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<body>

A fast and easy to use dense matrix linear algebra library written in Java.

Efficient Java Matrix Library (EJML) is a linear algebra library for manipulating dense matrices. Its design goals are; 1) to be as computationally efficient as possible for both small and large matrices, and 2) to be accessible to both novices and experts. These goals are accomplished by dynamically selecting the best algorithms to use at runtime and by designing a clean API. EJML is free, written in 100% Java and has been released under an LGPL license.

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Version 3, 29 June 2007

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1.73 gagawa 1.0.1

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1.74 gcc 4.4.7 :11.e16

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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 Dosser (dosser@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.)

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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.

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

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

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

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

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

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that

you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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

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

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

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

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

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

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

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

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

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

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

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

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

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it

contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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

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

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

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

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

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application

to use the modified definitions.)

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

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

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

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

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

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

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

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

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

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

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<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
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License as published by the Free Software Foundation; either  
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but WITHOUT ANY WARRANTY; without even the implied warranty of  
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU  
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Also add information on how to contact you by electronic and paper mail.

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

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

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

That's all there is to it!

@ignore

@c Set file name and title for man page.

@setfilename gpl

@settitle GNU General Public License

@c man begin SEEALSO

gfdl(7), fsf-funding(7).

@c man end

@c man begin COPYRIGHT

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@c man end

@end ignore

@node Copying

@c man begin DESCRIPTION

@unnumbered GNU General Public License

@center Version 3, 29 June 2007

@c This file is intended to be included in another file.

@display

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@heading Preamble

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

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Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the

freedom of users.

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

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

@heading TERMS AND CONDITIONS

@enumerate 0

@item Definitions.

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

``Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

``The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as ``you". ``Licensees" and ``recipients" may be individuals or organizations.

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

A ``covered work" means either the unmodified Program or a work based on the Program.

To ``propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To ``convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays ``Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible

feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

@item Source Code.

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

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

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

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

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

The Corresponding Source for a work in source code form is that same work.

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keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

@item Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

@enumerate a

@item

The work must carry prominent notices stating that you modified it, and giving a relevant date.

@item

The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to ``keep intact all notices".

@item

You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

@item

If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

@end enumerate

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an ``aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other

parts of the aggregate.

@item Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

@enumerate a

@item

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

@item

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

@item

Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

@item

Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

@item

Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

@end enumerate

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```
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```
@c man end
@ignore
@c Set file name and title for man page.
@setfilename gpl
@settitle GNU General Public License
@c man begin SEEALSO
gfdl(7), fsf-funding(7).
@c man end
@c man begin COPYRIGHT
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@end ignore
@node Copying
@c man begin DESCRIPTION
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@end smallexample
```

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

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

```
@var{signature of Ty Coon}, 1 April 1989
Ty Coon, President of Vice
@end example
```


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@c man end

GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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@node Library Copying

@appendixsec GNU LESSER GENERAL PUBLIC LICENSE

@cindex LGPL, Lesser General Public License

@center Version 2.1, February 1999

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@end display

@appendixsubsec Preamble

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@iftex

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@ifinfo

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@center TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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@center END OF TERMS AND CONDITIONS

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@page

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@smallexample

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@end smallexample

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@smallexample

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@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

@end smallexample

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1.75 gdal 1.9.2

1.75.1 Available under license :

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gdal/frmts/gtiff/tif_float.c

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gdal/frmts/hdf4/hdf-eos/*

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gdal/frmts/pcraster/libcsf

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gdal/ogr/ogrsf_frmts/dxf/intronurbs.cpp

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1.76 gdal_scripts 1.9.2

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1.78 gevent 0.13.8

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1.79 git 1.8.4.3

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18.0

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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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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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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.

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For an executable, the required form of the "work that uses the

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That's all there is to it!

HAPROXY's license - 2006/06/15

Historically, haproxy has been covered by GPL version 2. However, an issue appeared in GPL which will prevent external non-GPL code from being built using the headers provided with haproxy. My long-term goal is to build a core system able to load external modules to support specific application protocols.

Since some protocols are found in rare environments (finance, industry, ...),

some of them might be accessible only after signing an NDA. Enforcing GPL on such modules would only prevent them from ever being implemented, while not providing anything useful to ordinary users.

For this reason, I *want* to be able to support binary only external modules when needed, with a GPL core and GPL modules for standard protocols, so that people fixing bugs don't keep them secretly to try to stay over competition.

The solution was then to apply the LGPL license to the exportable include files, while keeping the GPL for all the rest. This way, it still is mandatory to redistribute modified code under customer request, but at the same time, it is expressly permitted to write, compile, link and load non-GPL code using the LGPL header files and not to distribute them if it causes a legal problem.

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Willy Tarreau - w@lwt.eu

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1.103 influxdb 1.2.4

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1.104 influxdb-java 1.5

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1.105 iodocs 0.0.1

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* <http://github.com/jquery/jquery-tmpl>

* Requires jQuery 1.4.2

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1.106 iotop 0.3.2 :7.el6

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1.107 ipmitool 1.8.11 :16.e15

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scriptversion=2005-02-02.21

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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1.114 jackson-core 2.4.6

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1.116 jackson-dataformat-xml 2.7.4

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1.117 jackson-dataformat-xml 2.4.3

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1.119 jackson-jaxrs-xml-provider 2.4.3

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1.120 Jackson-module-JAXB-annotations

2.4.3

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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1.121 jackson-module-jsonSchema 2.4.3

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1.122 jade 1.9.1

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1.123 jade (pug) 1.9.2

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1.124 Java Image-Scaling Library (imgscalr)

4.2 :4

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 * Utf8 Appendable abstract base class  
 *  
 * This abstract class wraps a standard { @link java.lang.Appendable } and provides methods to append UTF-8  
 encoded bytes, that are converted into characters.  
 *  
 * This class is stateful and up to 4 calls to { @link #append(byte) } may be needed before state a character is  
 appended to the string buffer.  
 *  
 * The UTF-8 decoding is done by this class and no additional buffers or Readers are used. The UTF-8 code was  
 inspired by  
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- The Open Source Definition
- Open Source Licenses
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- FAQ
- Trademark and Logo Usage
- Open Standards
- Open Source Education
- Mailing lists
- Getting Help
- Donate to the OSI
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1.161 JLine 1.0

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1.162 joda-time 2.2

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1.164 jquery ui 1.11.0

1.165 jquery-cookie 1.4.0

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1.167 jQuery.BigText 0.1.6

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1.168 jquery.cookie 1.4.0

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1.169 jQuery.Dynatable 0.3.1

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1.170 jQuery.FixClick 1.2

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1.171 jQuery.shapeshift 2

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1.172 jQuery.textEditor 1.4.0

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1.173 jQuery.transit 0.9.9

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1.174 jquery.validate 1.14.0

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1.175 json-c 0.11

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1.176 json-smart 1.1.1

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1.177 jtoml 1.0.0

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1.181 Junit 4.10

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1.182 jzmq 2.2.2 :February 16, 2013

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

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```
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```

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```
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`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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```
Jan Holmberg, <jan@artech.net> :
o Memory framework
o HTTP/SSL checkers
```

```
Bradley Baetz, <bradley.baetz@optusnet.com.au> :
o MISC checker redesign
o Scheduler framework extension to support
  child process handling.
o Daemon framework extension to block SIGCHLD
  to only receive it when its unblocked in the
  scheduling select loop.
```

```
Jeremy Rumpf, <rumpf.6@osu.edu> :
o Added SMTP checker
```

Chris Caputo, <ccaputo@alt.net> :

- o Added dont_track_primary, nopreempt, preempt_delay, and misc_dynamic.

Kevin Lindsay, <kevinl@netnation.com> :

- o Fixed shadowed declaration reported by -Wshadow.
- o Redesigned signal handling.

Nick Couchman, <nick.couchman at seekr.com> :

- o Patch for u_threshold and l_threshold support.

Willy Tarreau, <w at lwt.eu> :

- o Extended VRRP framework to support floating priority.

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1.184 libsvm 3.17

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1.185 libtalloc 2.0.7 :2.el6

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1.187 log4j-api 2.0.1

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from EventLogger.java

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<snip>

1.188 log4j-core 2.0.1

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1.194 metrics-core 3.0.1

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1.196 metrics-servlets 3.0.1

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1.208 netty-all 4.0.12.Final

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1.209 nltk 3.0.4

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1.210 node-formidable 1.0.14

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1.211 node-redis 0.8.6

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1.212 nodejs 6.10.3

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

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version 1.2.8, April 28th, 2013

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// Modifications by Joshua Bell inexorabletash@gmail.com

// <https://github.com/inexorabletash/polyfill>

// ES3/ES5 implementation of the Khronos Typed Array Specification

// Ref: <http://www.khronos.org/registry/typedarray/specs/latest/>

// Date: 2011-02-01

//

// Variations:

// * Allows `typed_array.get/set()` as alias for subscripts (`typed_array[]`)

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

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This package is a JavaScript porting of `wcwidth()` implementation
[by Markus Kuhn](<http://www.cl.cam.ac.uk/~mgk25/ucs/wcwidth.c>).

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// Original can be found at:

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

// Modifications by Joshua Bell inexorable@lindenlab.com

// <https://github.com/inexorable/polyfill>

// ES3/ES5 implementation of the Khronos Typed Array Specification

// Ref: <http://www.khronos.org/registry/typedarray/specs/latest/>

// Date: 2011-02-01

//

// Variations:

// * Allows `typed_array.get/set()` as alias for subscripts (`typed_array[]`)

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validate-npm-package-license

=====

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

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

SPDX license identifiers are valid license strings:

```
```javascript

var assert = require('assert');
var validSPDXExpression = {
 validForNewPackages: true,
 validForOldPackages: true,
 spdx: true
};

assert.deepEqual(valid('MIT'), validSPDXExpression);
assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression);
assert.deepEqual(valid('Apache-2.0'), validSPDXExpression);
assert.deepEqual(valid('ISC'), validSPDXExpression);
```
```

The function will return a warning and suggestion for nearly-correct license identifiers:

```
```javascript
assert.deepEqual(
 valid('Apache 2.0'),
 {
 validForOldPackages: false,
 validForNewPackages: false,
 }
);
```
```

```
warnings: [
  'license should be ' +
  'a valid SPDX license expression (without "LicenseRef"), ' +
  "'UNLICENSED', or ' +
  "'SEE LICENSE IN <filename>",
  'license is similar to the valid expression "Apache-2.0"'
]
}
);
```

```

SPDX expressions are valid, too ...

```
```javascript
// Simple SPDX license expression for dual licensing
assert.deepEqual(
  valid('(GPL-3.0 OR BSD-2-Clause)'),
  validSPDXExpression
);
```

```

... except if they contain `LicenseRef`:

```
```javascript
var warningAboutLicenseRef = {
  validForOldPackages: false,
  validForNewPackages: false,
  spdx: true,
  warnings: [
    'license should be ' +
    'a valid SPDX license expression (without "LicenseRef"), ' +
    "'UNLICENSED', or ' +
    "'SEE LICENSE IN <filename>",
  ]
};

```

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

```

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

```

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

and point users there:

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

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

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

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

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

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

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

```

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

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

```

// We handle all the bare SPDX license and exception ids as well.

```

require('spdx-license-ids').forEach(function(id) {
 assert.deepEqual(
 parse(id),
 { license: id })
 require('spdx-exceptions').forEach(function(e) {
 assert.deepEqual(
 parse(id + ' WITH ' + e),
 { license: id, exception: e })) })

```

---

---

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# spdx-license-ids

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

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

## Use as a JavaScript Library

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

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

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

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

### ### Installation

#### #### Package managers

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

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

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

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

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

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

#### #### Standalone

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

### ### API

#### ##### spdxLicenseIds

Type: `Array` of `String`

It returns an array of SPDX license identifiers.

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

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```
```javascript
var correct = require('spdx-correct');
var assert = require('assert');

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

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

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

```
...
```

```
SPDX:Apache-2.0
```

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Written by: Philip Hazel
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```

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```
"""
```

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*/

```
#ifndef UV_BSD_H
```

```
#define UV_BSD_H
```

```
#define UV_PLATFORM_FS_EVENT_FIELDS
```

```
uv__io_t event_watcher;
```

```
#define UV_IO_PRIVATE_PLATFORM_FIELDS
```

```
int rcount;
```

```
int wcount;
```



```

#define UV_HAVE_KQUEUE 1

#endif /* UV_BSD_H */
{
  "_args": [
    [
      "spdx-license-ids@^1.0.0",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse"
    ],
    [
      "spdx-license-ids@^1.0.2",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct"
    ]
  ],
  "_from": "spdx-license-ids@>=1.0.0 <2.0.0",
  "_id": "spdx-license-ids@1.2.0",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-expression-parse/spdx-license-ids",
  "_nodeVersion": "5.4.0",
  "_npmUser": {
    "email": "snnskwtnb@gmail.com",
    "name": "shinnn"
  },
  "_npmVersion": "3.5.2",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-license-ids",
    "raw": "spdx-license-ids@^1.0.0",
    "rawSpec": "^1.0.0",
    "scope": null,
    "spec": ">=1.0.0 <2.0.0",
    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license/spdx-expression-parse"
  ],
  "_shrinkwrap": null,
  "_spec": "spdx-license-ids@^1.0.0",
  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse",
  "author": {
    "name": "Shinnosuke Watanabe",
    "url": "https://github.com/shinnn"
  },
  "bugs": {
    "url": "https://github.com/shinnn/spdx-license-ids/issues"
  }
}

```

```

},
"dependencies": {},
"description": "A list of SPDX license identifiers",
"devDependencies": {
  "@shinnn/eslintrc": "^1.0.0",
  "each-async": "^1.1.1",
  "eslint": "^0.24.0",
  "got": "^3.3.0",
  "istanbul": "^0.3.17",
  "require-bower-files": "^2.0.0",
  "rimraf": "^2.4.1",
  "stringify-object": "^2.2.0",
  "tape": "^4.0.0"
},
"directories": {},
"dist": {
  "shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
  "tarball": "http://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz"
},
"files": [
  "spdx-license-ids.json"
],
"gitHead": "f74a7a16ca05540e0e97f1bbb61da07829b5d9ab",
"homepage": "https://github.com/shinnn/spdx-license-ids#readme",
"keywords": [
  "array",
  "browser",
  "client-side",
  "id",
  "identifier",
  "identifiers",
  "json",
  "license",
  "licenses",
  "oss",
  "spdx"
],
"license": "Unlicense",
"main": "spdx-license-ids.json",
"maintainers": [
  {
    "name": "shinnn",
    "email": "snnskwtb@gmail.com"
  }
],
"name": "spdx-license-ids",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",

```

```

"repository": {
  "type": "git",
  "url": "git+https://github.com/shinnn/spdx-license-ids.git"
},
"scripts": {
  "build": "node --harmony_arrow_functions build.js",
  "coverage": "node --harmony_arrow_functions node_modules/.bin/istanbul cover test.js",
  "coveralls": "${npm_package_scripts_coverage} && istanbul-coveralls",
  "lint": "eslint --config node_modules/@shinnc/eslintrc/rc.json --ignore-path .gitignore .",
  "pretest": "${npm_package_scripts_build} && ${npm_package_scripts_lint}",
  "test": "node --harmony_arrow_functions test.js"
},
"version": "1.2.0"
}
[
"Glide",
"Abstyles",
"AFL-1.1",
"AFL-1.2",
"AFL-2.0",
"AFL-2.1",
"AFL-3.0",
"AMPAS",
"APL-1.0",
"Adobe-Glyph",
"APAFML",
"Adobe-2006",
"AGPL-1.0",
"Afmparse",
"Aladdin",
"ADSL",
"AMDPLPA",
"ANTLR-PD",
"Apache-1.0",
"Apache-1.1",
"Apache-2.0",
"AML",
"APSL-1.0",
"APSL-1.1",
"APSL-1.2",
"APSL-2.0",
"Artistic-1.0",
"Artistic-1.0-Perl",
"Artistic-1.0-cl8",
"Artistic-2.0",
"AAL",
"Bahyph",
"Barr",

```

"Beerware",
"BitTorrent-1.0",
"BitTorrent-1.1",
"BSL-1.0",
"Borceux",
"BSD-2-Clause",
"BSD-2-Clause-FreeBSD",
"BSD-2-Clause-NetBSD",
"BSD-3-Clause",
"BSD-3-Clause-Clear",
"BSD-4-Clause",
"BSD-Protection",
"BSD-3-Clause-Attribution",
"0BSD",
"BSD-4-Clause-UC",
"bzip2-1.0.5",
"bzip2-1.0.6",
"Caldera",
"CECILL-1.0",
"CECILL-1.1",
"CECILL-2.0",
"CECILL-2.1",
"CECILL-B",
"CECILL-C",
"CIArtistic",
"MIT-CMU",
"CNRI-Jython",
"CNRI-Python",
"CNRI-Python-GPL-Compatible",
"CPOL-1.02",
"CDDL-1.0",
"CDDL-1.1",
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"CC-BY-NC-SA-2.5",
"CC-BY-NC-SA-3.0",
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"CC-BY-SA-2.5",
"CC-BY-SA-3.0",
"CC-BY-SA-4.0",
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"Crossword",
"CrystalStacker",
"CUA-OPL-1.0",
"Cube",
"curl",
"D-FSL-1.0",
"diffmark",
"WTFPL",
"DOC",
"Dotseqn",
"DSDP",
"dviPDFm",
"EPL-1.0",
"ECL-1.0",
"ECL-2.0",
"eGenix",
"EFL-1.0",
"EFL-2.0",
"MIT-advertising",
"MIT-enna",
"Entessa",
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"Giftware",
"GL2PS",
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"HPND",
"IBM-pibs",
"IPL-1.0",
"ICU",
"ImageMagick",
"iMatix",
"Imlib2",
"IJG",
"Info-ZIP",
"Intel-ACPI",
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"IPA",
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"JSON",
"LPPL-1.0",
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"LPPL-1.2",
"LPPL-1.3a",
"LPPL-1.3c",
"Latex2e",
"BSD-3-Clause-LBNL",
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"LGPLLR",
"Libpng",
"libtiff",
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"MakeIndex",
"MTLL",
"MS-PL",
"MS-RL",
"MirOS",
"MITNFA",
"MIT",
"Motosoto",
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"MPL-2.0",
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"Multics",
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"Newsletr",
"NLPL",
"Nokia",
"NPOSL-3.0",
"Noweb",
"NRL",
"NTP",
"Nunit",
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"PHP-3.01",
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"PostgreSQL",
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"RSCPL",
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"SAX-PD",
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"SCEA",
"SWL",
"Sendmail",
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"SGI-B-1.1",
"SGI-B-2.0",
"OFL-1.0",
"OFL-1.1",
"SimPL-2.0",
"Sleepycat",
"SNIA",
"Spencer-86",
"Spencer-94",
"Spencer-99",
"SMLNJ",
"SugarCRM-1.1.3",

"SISSL",
"SISSL-1.2",
"SPL-1.0",
"Watcom-1.0",
"TCL",
"Unlicense",
"TMate",
"TORQUE-1.1",
"TOSL",
"Unicode-TOU",
"UPL-1.0",
"NCSA",
"Vim",
"VOSTROM",
"VSL-1.0",
"W3C-19980720",
"W3C",
"Wsuipa",
"Xnet",
"X11",
"Xerox",
"XFree86-1.1",
"xinetd",
"xpp",
"XSkat",
"YPL-1.0",
"YPL-1.1",
"Zed",
"Zend-2.0",
"Zimbra-1.3",
"Zimbra-1.4",
"Zlib",
"zlib-acknowledgement",
"ZPL-1.1",
"ZPL-2.0",
"ZPL-2.1",
"eCos-2.0",
"GPL-2.0-with-autoconf-exception",
"GPL-2.0-with-bison-exception",
"GPL-2.0-with-classpath-exception",
"GPL-2.0-with-font-exception",
"GPL-2.0-with-GCC-exception",
"GPL-3.0-with-autoconf-exception",
"GPL-3.0-with-GCC-exception",
"StandardML-NJ",
"WXwindows"
]

```

[
  "389-exception",
  "Autoconf-exception-2.0",
  "Autoconf-exception-3.0",
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  "CLISP-exception-2.0",
  "Classpath-exception-2.0",
  "FLTK-exception",
  "FLTK-exception-2.0",
  "Font-exception-2.0",
  "GCC-exception-2.0",
  "GCC-exception-3.1",
  "LZMA-exception",
  "Libtool-exception",
  "Nokia-Qt-exception-1.1",
  "Qwt-exception-1.0",
  "WxWindows-exception-3.1",
  "eCos-exception-2.0",
  "freertos-exception-2.0",
  "gnu-javamail-exception",
  "i2p-gpl-java-exception",
  "mif-exception",
  "u-boot-exception-2.0"
]
{
  "_args": [
    [
      "spdx-exceptions@^1.0.4",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse"
    ]
  ],
  "_from": "spdx-exceptions@>=1.0.4 <2.0.0",
  "_id": "spdx-exceptions@1.0.4",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-expression-parse/spdx-exceptions",
  "_nodeVersion": "5.0.0",
  "_npmUser": {
    "email": "kyle@kemitchell.com",
    "name": "kemitchell"
  },
  "_npmVersion": "3.3.6",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-exceptions",
    "raw": "spdx-exceptions@^1.0.4",
    "rawSpec": "^1.0.4",
    "scope": null,

```

```

    "spec": ">=1.0.4 <2.0.0",
    "type": "range"
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  "_requiredBy": [
    "/validate-npm-package-license/spdx-expression-parse"
  ],
  "_resolved": "https://registry.npmjs.org/spdx-exceptions/-/spdx-exceptions-1.0.4.tgz",
  "_shasum": "220b84239119ae9045a892db81a83f4ce16f80fd",
  "_shrinkwrap": null,
  "_spec": "spdx-exceptions@^1.0.4",
  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-
parse",
  "author": {
    "name": "The Linux Foundation"
  },
  "bugs": {
    "url": "https://github.com/kemitchell/spdx-exceptions.json/issues"
  },
  "contributors": [
    {
      "name": "Kyle E. Mitchell",
      "email": "kyle@kemitchell.com",
      "url": "https://kemitchell.com/"
    }
  ],
  "dependencies": {},
  "description": "list of SPDX standard license exceptions",
  "devDependencies": {},
  "directories": {},
  "dist": {
    "shasum": "220b84239119ae9045a892db81a83f4ce16f80fd",
    "tarball": "http://registry.npmjs.org/spdx-exceptions/-/spdx-exceptions-1.0.4.tgz"
  },
  "gitHead": "770316d6c946417ab6efa8533b82d0b61779092b",
  "homepage": "https://github.com/kemitchell/spdx-exceptions.json#readme",
  "license": "CC-BY-3.0",
  "maintainers": [
    {
      "name": "kemitchell",
      "email": "kyle@kemitchell.com"
    }
  ],
  "name": "spdx-exceptions",
  "optionalDependencies": {},
  "readme": "ERROR: No README data found!",
  "repository": {
    "type": "git",
    "url": "git+https://github.com/kemitchell/spdx-exceptions.json.git"
  }

```

```

},
"scripts": {},
"version": "1.0.4"
}
var parser = require('./parser.generated.js').parser

module.exports = function(argument) {
  return parser.parse(argument) }
var spdparse=function(){ var o=function(k,v,o,l){ for(o=o||{ },l=k.length;l--;o[k[l]]=v);return
o},$V0=[1,5],$V1=[1,6],$V2=[1,7],$V3=[1,4],$V4=[1,9],$V5=[1,10],$V6=[5,14,15,17],$V7=[5,12,14,15,17];var
parser={ trace:function
trace(){ },yy:{ },symbols_:{ error:2,start:3,expression:4,EOS:5,simpleExpression:6,LICENSE:7,PLUS:8,LICENSER
EF:9,DOCUMENTREF:10,COLON:11,WITH:12,EXCEPTION:13,AND:14,OR:15,OPEN:16,CLOSE:17,$accept:0
,$end:1 },terminals_:{ 2:"error",5:"EOS",7:"LICENSE",8:"PLUS",9:"LICENSEREF",10:"DOCUMENTREF",11:"C
OLON",12:"WITH",13:"EXCEPTION",14:"AND",15:"OR",16:"OPEN",17:"CLOSE"},productions_:[[0,[3,2],[6,1],[
6,2],[6,1],[6,3],[4,1],[4,3],[4,3],[4,3],[4,3]],performAction:function
anonymous(yytext,yyleng,yylineno,yy,yystate,$$_$){ var $0=$$.length-1;switch(yystate){ case 1:return
this.$=$$[$0-1];break;case 2:case 4:case 5:this.$={ license:yytext };break;case 3:this.$={ license:$[$0-
1],plus:true };break;case 6:this.$=$$[$0];break;case 7:this.$={ exception:$[$0] };this$.license=$$[$0-
2].license;if($$[$0-2].hasOwnProperty("plus")){ this$.plus=$$[$0-2].plus }break;case
8:this.$={ conjunction:"and",left:$$[$0-2],right:$[$0] };break;case 9:this.$={ conjunction:"or",left:$$[$0-
2],right:$[$0] };break;case 10:this.$=$$[$0-
1];break } },table:[{ 3:1,4:2,6:3,7:$V0,9:$V1,10:$V2,16:$V3 },{ 1:[3] },{ 5:[1,8],14:$V4,15:$V5 },o($V6,[2,6] ,{ 12:[1,1
1] },{ 4:12,6:3,7:$V0,9:$V1,10:$V2,16:$V3 },o($V7,[2,2] ,{ 8:[1,13] },o($V7,[2,4] ),{ 11:[1,14] },{ 1:[2,1] },{ 4:15,6:3,7
:$V0,9:$V1,10:$V2,16:$V3 },{ 4:16,6:3,7:$V0,9:$V1,10:$V2,16:$V3 },{ 13:[1,17] },{ 14:$V4,15:$V5,17:[1,18] },o($
V7,[2,3] ),{ 9:[1,19] },o($V6,[2,8] ),o([5,15,17],[2,9] ,{ 14:$V4 },o($V6,[2,7] ),o($V6,[2,10] ),o($V7,[2,5] )],defaultActi
ons:{ 8:[2,1] },parseError:function parseError(str,hash){ if(hash.recoverable){ this.trace(str) }else{ throw new
Error(str) } },parse:function parse(input){ var
self=this,stack=[0],tstack=[],vstack=[null],lstack=[],table=this.table,yytext="",yylineno=0,yyleng=0,recovering=0,T
ERROR=2,EOF=1;var args=lstack.slice.call(arguments,1);var lexer=Object.create(this.lexer);var
sharedState={ yy:{ } };for(var k in
this.yy){ if(Object.prototype.hasOwnProperty.call(this.yy,k)){ sharedState.yy[k]=this.yy[k] } }lexer.setInput(input,sha
redState.yy);sharedState.yy.lexer=lexer;sharedState.yy.parser=this;if(typeof
lexer.yylloc=="undefined"){ lexer.yylloc={ } }var yyloc=lexer.yylloc;lstack.push(yyloc);var
ranges=lexer.options&&lexer.options.ranges;if(typeof
sharedState.yy.parseError=="function"){ this.parseError=sharedState.yy.parseError}else{ this.parseError=Object.get
PrototypeOf(this.parseError)function popStack(n){ stack.length=stack.length-2*n;vstack.length=vstack.length-
n;lstack.length=lstack.length-n }_token_stack:function lex(){ var token;token=lexer.lex()||EOF;if(typeof
token!="number"){ token=self.symbols_[token]||token }return token }var
symbol,preErrorSymbol,state,action,a,r,yyval={ },p,len,newState,expected;while(true){ state=stack[stack.length-
1];if(this.defaultActions[state]){ action=this.defaultActions[state] }else{ if(symbol===null||typeof
symbol=="undefined"){ symbol=lex() }action=table[state]&&table[state][symbol] }if(typeof
action=="undefined"||!action.length||!action[0]){ var errStr="";expected=[];for(p in
table[state]){ if(this.terminals_[p]&&p>TERROR){ expected.push("'+this.terminals_[p]+'") } }if(lexer.showPosition
){ errStr="Parse error on line "+(yylineno+1)+"':\n"+lexer.showPosition()+"\nExpecting "+expected.join(",")+ ", got
'+(this.terminals_[symbol]||symbol)+'" }else{ errStr="Parse error on line "+(yylineno+1)+"': Unexpected
'+(symbol==EOF?"end of
input':"'+(this.terminals_[symbol]||symbol)+'") }this.parseError(errStr,{ text:lexer.match,token:this.terminals_[sym

```

```

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

```

```

ines.length}this.yylloc={first_line:this.yylloc.last_line,last_line:this.yylineno+1,first_column:this.yylloc.last_colum
n,last_column:lines?lines[lines.length-1].length-lines[lines.length-
1].match(/\r?\n?/)[0].length:this.yylloc.last_column+match[0].length};this.yytext+=match[0];this.match+=match[0];
this.matches=match;this.yyleng=this.yytext.length;if(this.options.ranges){this.yylloc.range=[this.offset,this.offset+=
this.yyleng]}this._more=false;this._backtrack=false;this._input=this._input.slice(match[0].length);this.matched+=m
atch[0];token=this.performAction.call(this,this.yy,this,indexed_rule,this.conditionStack[this.conditionStack.length-
1]);if(this.done&&this._input){this.done=false}if(token){return token}else if(this._backtrack){for(var k in
backup){this[k]=backup[k]}return false}return false},next:function(){if(this.done){return
this.EOF}if(!this._input){this.done=true}var
token,match,tempMatch,index;if(!this._more){this.yytext="";this.match=""}var rules=this._currentRules();for(var
i=0;i<rules.length;i++){tempMatch=this._input.match(this.rules[rules[i]]);if(tempMatch&&(!match||tempMatch[0].l
ength>match[0].length)){match=tempMatch;index=i;if(this.options.backtrack_lexer){token=this.test_match(tempM
atch,rules[i]);if(token!==false){return token}else if(this._backtrack){match=false;continue}else{return false}}else
if(!this.options.flex){break}}if(match){token=this.test_match(match,rules[index]);if(token!==false){return
token}return false}if(this._input==="){return this.EOF}else{return this.parseError("Lexical error on line
"+(this.yylineno+1)+" Unrecognized
text.\n"+this.showPosition(),{text:"",token:null,line:this.yylineno})}},lex:function lex(){var
r=this.next();if(r){return r}else{return this.lex()}},begin:function
begin(condition){this.conditionStack.push(condition)},popState:function popState(){var
n=this.conditionStack.length-1;if(n>0){return this.conditionStack.pop()}else{return
this.conditionStack[0]}},_currentRules:function
_currentRules(){if(this.conditionStack.length&&this.conditionStack[this.conditionStack.length-1]){return
this.conditions[this.conditionStack[this.conditionStack.length-1]].rules}else{return
this.conditions["INITIAL"].rules}},topState:function topState(n){n=this.conditionStack.length-1-
Math.abs(n|0);if(n>=0){return this.conditionStack[n]}else{return"INITIAL"}},pushState:function
pushState(condition){this.begin(condition)},stateStackSize:function stateStackSize(){return
this.conditionStack.length},options:{},performAction:function
anonymous(yy,yy_,$avoiding_name_collisions,YY_START){var
YYSTATE=YY_START;switch($avoiding_name_collisions){case 0:return 5;break;case 1:break;case 2:return
8;break;case 3:return 16;break;case 4:return 17;break;case 5:return 11;break;case 6:return 10;break;case 7:return
9;break;case 8:return 14;break;case 9:return 15;break;case 10:return 12;break;case 11:return 7;break;case 12:return
7;break;case 13:return 7;break;case 14:return 13;break;case 15:return 13;break;case 16:return 13;break;case
17:return 13;break;case 18:return 13;break;case 19:return 13;break;case 20:return 13;break;case 21:return
13;break;case 22:return 7;break;case 23:return 7;break;case 24:return 13;break;case 25:return 13;break;case
26:return 13;break;case 27:return 7;break;case 28:return 13;break;case 29:return 13;break;case 30:return
13;break;case 31:return 7;break;case 32:return 7;break;case 33:return 13;break;case 34:return 13;break;case
35:return 13;break;case 36:return 7;break;case 37:return 13;break;case 38:return 7;break;case 39:return 7;break;case
40:return 7;break;case 41:return 7;break;case 42:return 7;break;case 43:return 7;break;case 44:return 7;break;case
45:return 7;break;case 46:return 7;break;case 47:return 7;break;case 48:return 7;break;case 49:return 7;break;case
50:return 7;break;case 51:return 13;break;case 52:return 7;break;case 53:return 7;break;case 54:return 7;break;case
55:return 13;break;case 56:return 7;break;case 57:return 7;break;case 58:return 7;break;case 59:return 13;break;case
60:return 7;break;case 61:return 13;break;case 62:return 7;break;case 63:return 7;break;case 64:return 7;break;case
65:return 7;break;case 66:return 7;break;case 67:return 7;break;case 68:return 7;break;case 69:return 7;break;case
70:return 7;break;case 71:return 7;break;case 72:return 7;break;case 73:return 7;break;case 74:return 7;break;case
75:return 7;break;case 76:return 7;break;case 77:return 7;break;case 78:return 7;break;case 79:return 7;break;case
80:return 7;break;case 81:return 7;break;case 82:return 7;break;case 83:return 7;break;case 84:return 7;break;case
85:return 7;break;case 86:return 7;break;case 87:return 7;break;case 88:return 7;break;case 89:return 7;break;case
90:return 7;break;case 91:return 7;break;case 92:return 7;break;case 93:return 7;break;case 94:return 7;break;case

```


7;break;case 312:return 7;break;case 313:return 7;break;case 314:return 7;break;case 315:return 7;break;case 316:return 7;break;case 317:return 7;break;case 318:return 7;break;case 319:return 7;break;case 320:return 7;break;case 321:return 7;break;case 322:return 7;break;case 323:return 7;break;case 324:return 7;break;case 325:return 7;break;case 326:return 7;break;case 327:return 7;break;case 328:return 7;break;case 329:return 7;break;case 330:return 7;break;case 331:return 7;break;case 332:return 7;break;case 333:return 7;break;case 334:return 7;break;case 335:return 7;break;case 336:return 7;break;case 337:return 7;break;case 338:return 7;break } },rules:[/^(?:\$)/,^(?:\s+)/,^(?:\+),^(?:\()/,^(?:\:)/,^(?:\:)/,^(?:DocumentRef-([0-9A-Za-z-+.]�)/,^(?:LicenseRef-([0-9A-Za-z-+.]�)/,^(?:AND)/,^(?:OR)/,^(?:WITH)/,^(?:MPL-2.0-no-copyleft-exception)/,^(?:CNRI-Python-GPL-Compatible)/,^(?:BSD-3-Clause-Attribution)/,^(?:WxWindows-exception-3.1)/,^(?:Classpath-exception-2.0)/,^(?:gnu-javamail-exception)/,^(?:freertos-exception-2.0)/,^(?:i2p-gpl-java-exception)/,^(?:Autoconf-exception-2.0)/,^(?:Nokia-Qt-exception-1.1)/,^(?:Autoconf-exception-3.0)/,^(?:zlib-acknowledgement)/,^(?:BSD-2-Clause-FreeBSD)/,^(?:u-boot-exception-2.0)/,^(?:Bison-exception-2.2)/,^(?:CLISP-exception-2.0)/,^(?:BSD-2-Clause-NetBSD)/,^(?:FLTK-exception-2.0)/,^(?:eCos-exception-2.0)/,^(?:Font-exception-2.0)/,^(?:BSD-3-Clause-Clear)/,^(?:BSD-3-Clause-LBNL)/,^(?:GCC-exception-3.1)/,^(?:Qwt-exception-1.0)/,^(?:GCC-exception-2.0)/,^(?:Artistic-1.0-Perl)/,^(?:Libtool-exception)/,^(?:Artistic-1.0-cl8)/,^(?:CC-BY-NC-SA-4.0)/,^(?:CC-BY-NC-SA-1.0)/,^(?:CC-BY-NC-ND-4.0)/,^(?:CC-BY-NC-SA-3.0)/,^(?:CC-BY-NC-ND-3.0)/,^(?:CC-BY-NC-SA-2.5)/,^(?:CC-BY-NC-ND-2.0)/,^(?:CC-BY-NC-ND-1.0)/,^(?:CC-BY-NC-SA-2.0)/,^(?:MIT-advertising)/,^(?:BSD-4-Clause-UC)/,^(?:CC-BY-NC-ND-2.5)/,^(?:FLTK-exception)/,^(?:SugarCRM-1.1.3)/,^(?:CrystalStacker)/,^(?:BSD-Protection)/,^(?:LZMA-exception)/,^(?:BitTorrent-1.1)/,^(?:BitTorrent-1.0)/,^(?:Frameworkx-1.0)/,^(?:mif-exception)/,^(?:Interbase-1.0)/,^(?:389-exception)/,^(?:HaskellReport)/,^(?:CC-BY-NC-3.0)/,^(?:CC-BY-ND-4.0)/,^(?:CC-BY-NC-1.0)/,^(?:CC-BY-NC-2.0)/,^(?:CC-BY-NC-2.5)/,^(?:CC-BY-SA-4.0)/,^(?:CC-BY-NC-4.0)/,^(?:W3C-19980720)/,^(?:BSD-4-Clause)/,^(?:Artistic-1.0)/,^(?:BSD-3-Clause)/,^(?:CC-BY-ND-1.0)/,^(?:BSD-2-Clause)/,^(?:CC-BY-ND-2.0)/,^(?:CC-BY-ND-2.5)/,^(?:CC-BY-ND-3.0)/,^(?:Artistic-2.0)/,^(?:CC-BY-SA-1.0)/,^(?:CC-BY-SA-2.0)/,^(?:CC-BY-SA-2.5)/,^(?:CC-BY-SA-3.0)/,^(?:XFree86-1.1)/,^(?:OLDAP-2.0.1)/,^(?:bzip2-1.0.6)/,^(?:OLDAP-2.2.1)/,^(?:ImageMagick)/,^(?:Unicode-TOU)/,^(?:Adobe-Glyph)/,^(?:CUA-OPL-1.0)/,^(?:CNRI-Jython)/,^(?:CNRI-Python)/,^(?:bzip2-1.0.5)/,^(?:OLDAP-2.2.2)/,^(?:PostgreSQL)/,^(?:Apache-1.1)/,^(?:CECILL-1.0)/,^(?:Apache-2.0)/,^(?:Zimbra-1.4)/,^(?:CECILL-1.1)/,^(?:Zimbra-1.3)/,^(?:Adobe-2006)/,^(?:JasPer-2.0)/,^(?:CECILL-2.0)/,^(?:TORQUE-1.1)/,^(?:CECILL-2.1)/,^(?:Watcom-1.0)/,^(?:Intel-ACPI)/,^(?:ClArtistic)/,^(?:Spencer-99)/,^(?:Condor-1.1)/,^(?:Spencer-94)/,^(?:gSOAP-1.3b)/,^(?:EUDatagrid)/,^(?:Spencer-86)/,^(?:Python-2.0)/,^(?:RHeCos-1.1)/,^(?:CATOSL-1.1)/,^(?:Apache-1.0)/,^(?:FreeImage)/,^(?:SGI-B-1.1)/,^(?:SGI-B-1.0)/,^(?:SimPL-2.0)/,^(?:Sleepycat)/,^(?:Crossword)/,^(?:EriPL-1.1)/,^(?:CPOL-1.02)/,^(?:OLDAP-2.8)/,^(?:OLDAP-2.7)/,^(?:OLDAP-2.6)/,^(?:CC-BY-1.0)/,^(?:OLDAP-2.5)/,^(?:OLDAP-2.4)/,^(?:OLDAP-2.3)/,^(?:SISSL-1.2)/,^(?:Unlicense)/,^(?:SGI-B-2.0)/,^(?:OLDAP-2.2)/,^(?:OLDAP-2.1)/,^(?:CC-BY-2.5)/,^(?:D-FSL-1.0)/,^(?:LPPL-1.3a)/,^(?:LPPL-1.3c)/,^(?:OLDAP-2.0)/,^(?:CC-BY-3.0)/,^(?:Leptonica)/,^(?:OLDAP-1.4)/,^(?:OLDAP-1.3)/,^(?:OLDAP-1.2)/,^(?:OLDAP-1.1)/,^(?:MakeIndex)/,^(?:CC-BY-4.0)/,^(?:NPOSL-3.0)/,^(?:CC-BY-2.0)/,^(?:PHP-3.01)/,^(?:ANTLR-PD)/,^(?:APSL-1.0)/,^(?:MIT-enna)/,^(?:IBM-pibs)/,^(?:APSL-1.1)/,^(?:APSL-1.2)/,^(?:Beerware)/,^(?:EUPL-1.0)/,^(?:EUPL-1.1)/,^(?:diffmark)/,^(?:CDDL-1.0)/,^(?:Zend-2.0)/,^(?:CDDL-1.1)/,^(?:CPAL-1.0)/,^(?:APSL-2.0)/,^(?:LPPL-1.0)/,^(?:AGPL-1.0)/,^(?:Giftware)/,^(?:Abstyles)/,^(?:LPPL-1.1)/,^(?:LPPL-1.2)/,^(?:Sendmail)/,^(?:CECILL-B)/,^(?:AGPL-3.0)/,^(?:GFDL-1.1)/,^(?:GFDL-1.2)/,^(?:GFDL-1.3)/,^(?:RPSL-1.0)/,^(?:LPL-1.02)/,^(?:CECILL-C)/,^(?:Afmparse)/,^(?:LGPL-2.1)/,^(?:PDDL-1.0)/,^(?:ODbL-1.0)/,^(?:OCLC-2.0)/,^(?:LGPL-3.0)/,^(?:Newsletr)/,^(?:Motosoto)/,^(?:NBPL-1.0)/,^(?:NASA-1.3)/,^(?:LGPL-2.0)/,^(?:FSFULLR)/,^(?:MPL-2.0)/,^(?:Multics)/,^(?:AFL-1.1)/,^(?:MPL-1.1)/,^(?:AFL-1.2)/,^(?:MPL-1.0)/,^(?:AFL-2.0)/,^(?:AFL-2.1)/,^(?:AFL-3.0)/,^(?:NPL-1.0)/,^(?:NPL-1.1)/,^(?:APL-1.0)/,^(?:Aladdin)/,^(?:AMDPLPA)/,^(?:BSL-1.0)/,^(?:Borceux)/,^(?:Caldera)/,^(?:MIT-CMU)/,^(?:CPL-


```

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1\0)/^(?:dviptdfm)/^(?:EPL-1\0)/^(?:ECL-1\0)/^(?:ECL-2\0)/^(?:SPL-1\0)/^(?:IPL-1\0)/^(?:EFL-
1\0)/^(?:EFL-2\0)/^(?:OPL-1\0)/^(?:OSL-1\0)/^(?:OSL-1\1)/^(?:OSL-2\0)/^(?:OSL-2\1)/^(?:OSL-
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3\0)/^(?:Eurosym)/^(?:psutils)/^(?:GPL-2\0)/^(?:QPL-1\0)/^(?:MIT-feh)/^(?:OFL-1\1)/^(?:GPL-
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18,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338],inclusive:true}}};return
lexer);parser.lexer=lexer;function Parser(){this.yy={}}Parser.prototype=parser;parser.Parser=Parser;return new
Parser();if(typeof require!=="undefined"&&typeof
exports!=="undefined"){exports.parser=spdxparse;exports.Parser=spdxparse.Parser;exports.parse=function(){return
spdxparse.parse.apply(spdxparse,arguments)};exports.main=function
commonjsMain(args){if(!args[1]){console.log("Usage: "+args[0]+" FILE");process.exit(1)}var
source=require("fs").readFileSync(require("path").normalize(args[1]),"utf8");return
exports.parser.parse(source)};if(typeof
module!=="undefined"&&require.main===module){exports.main(process.argv.slice(1))}
{
  "_args": [
    [
      "spdx-expression-parse@~1.0.0",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license"
    ]
  ],
  "_from": "spdx-expression-parse@>=1.0.0 <1.1.0",
  "_id": "spdx-expression-parse@1.0.2",
  "_inCache": true,
  "_installable": true,

```

```

"_location": "/validate-npm-package-license/spdx-expression-parse",
"_nodeVersion": "5.0.0",
"_npmUser": {
  "email": "kyle@kemitchell.com",
  "name": "kemitchell"
},
"_npmVersion": "3.3.6",
"_phantomChildren": {},
"_requested": {
  "name": "spdx-expression-parse",
  "raw": "spdx-expression-parse@~1.0.0",
  "rawSpec": "~1.0.0",
  "scope": null,
  "spec": ">=1.0.0 <1.1.0",
  "type": "range"
},
"_requiredBy": [
  "/validate-npm-package-license"
],
"_resolved": "https://registry.npmjs.org/spdx-expression-parse/-/spdx-expression-parse-1.0.2.tgz",
"_shasum": "d52b14b5e9670771440af225bcb563122ac452f6",
"_shrinkwrap": null,
"_spec": "spdx-expression-parse@~1.0.0",
"_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license",
"author": {
  "email": "kyle@kemitchell.com",
  "name": "Kyle E. Mitchell",
  "url": "http://kemitchell.com"
},
"bugs": {
  "url": "https://github.com/kemitchell/spdx-expression-parse.js/issues"
},
"dependencies": {
  "spdx-exceptions": "^1.0.4",
  "spdx-license-ids": "^1.0.0"
},
"description": "parse SPDX license expressions",
"devDependencies": {
  "defence-cli": "^1.0.1",
  "jison": "^0.4.15",
  "replace-require-self": "^1.0.0",
  "uglify-js": "^2.4.24"
},
"directories": {},
"dist": {
  "shasum": "d52b14b5e9670771440af225bcb563122ac452f6",
  "tarball": "http://registry.npmjs.org/spdx-expression-parse/-/spdx-expression-parse-1.0.2.tgz"
},

```

```

"gitHead": "ffe2fa7272ebf640b18286fc561f17a844d4f06b",
"homepage": "https://github.com/kemitchell/spdx-expression-parse.js#readme",
"keywords": [
  "SPDX",
  "law",
  "legal",
  "license",
  "metadata",
  "package",
  "package.json",
  "standards"
],
"license": "(MIT AND CC-BY-3.0)",
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  }
],
"name": "spdx-expression-parse",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/kemitchell/spdx-expression-parse.js.git"
},
"scripts": {
  "prepublish": "node generate-parser.js | uglifyjs > parser.generated.js",
  "pretest": "npm run prepublish",
  "test": "defence -i javascript README.md | replace-require-self | node"
},
"version": "1.0.2"
}
{
  "_args": [
    [
      "spdx-license-ids@^1.0.2",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct"
    ]
  ],
  "_from": "spdx-license-ids@>=1.0.2 <2.0.0",
  "_id": "spdx-license-ids@1.2.0",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-correct/spdx-license-ids",
  "_nodeVersion": "5.4.0",
  "_npmUser": {
    "email": "snnskwtnb@gmail.com",

```

```

    "name": "shinmn"
  },
  "_npmVersion": "3.5.2",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-license-ids",
    "raw": "spdx-license-ids@^1.0.2",
    "rawSpec": "^1.0.2",
    "scope": null,
    "spec": ">=1.0.2 <2.0.0",
    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license/spdx-correct"
  ],
  "_resolved": "https://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz",
  "_shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
  "_shrinkwrap": null,
  "_spec": "spdx-license-ids@^1.0.2",
  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct",
  "author": {
    "name": "Shinnosuke Watanabe",
    "url": "https://github.com/shinmn"
  },
  "bugs": {
    "url": "https://github.com/shinmn/spdx-license-ids/issues"
  },
  "dependencies": {},
  "description": "A list of SPDX license identifiers",
  "devDependencies": {
    "@shinmn/eslintrc": "^1.0.0",
    "each-async": "^1.1.1",
    "eslint": "^0.24.0",
    "got": "^3.3.0",
    "istanbul": "^0.3.17",
    "require-bower-files": "^2.0.0",
    "rimraf": "^2.4.1",
    "stringify-object": "^2.2.0",
    "tape": "^4.0.0"
  },
  "directories": {},
  "dist": {
    "shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
    "tarball": "http://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz"
  },
  "files": [
    "spdx-license-ids.json"
  ],

```

```

"gitHead": "f74a7a16ca05540e0e97f1bbb61da07829b5d9ab",
"homepage": "https://github.com/shinmn/spdx-license-ids#readme",
"keywords": [
  "array",
  "browser",
  "client-side",
  "id",
  "identifier",
  "identifiers",
  "json",
  "license",
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  "oss",
  "spdx"
],
"license": "Unlicense",
"main": "spdx-license-ids.json",
"maintainers": [
  {
    "name": "shinmn",
    "email": "snnskwtbn@gmail.com"
  }
],
"name": "spdx-license-ids",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/shinmn/spdx-license-ids.git"
},
"scripts": {
  "build": "node --harmony_arrow_functions build.js",
  "coverage": "node --harmony_arrow_functions node_modules/.bin/istanbul cover test.js",
  "coveralls": "${npm_package_scripts_coverage} && istanbul-coveralls",
  "lint": "eslint --config node_modules/@shinmn/eslintrc/rc.json --ignore-path .gitignore .",
  "pretest": "${npm_package_scripts_build} && ${npm_package_scripts_lint}",
  "test": "node --harmony_arrow_functions test.js"
},
"version": "1.2.0"
}
var licenseIDs = require('spdx-license-ids');

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

// Common transpositions of license identifier acronyms
var transpositions = [

```

```

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

```

```

var TRANSPOSED = 0;
var CORRECT = 1;

```

```

// Simple corrections to nearly valid identifiers.

```

```

var transforms = [
  // e.g. 'mit'
  function(argument) {
    return argument.toUpperCase();
  },
  // e.g. 'MIT '
  function(argument) {
    return argument.trim();
  },
  // e.g. 'M.I.T.'
  function(argument) {
    return argument.replace(/\./g, "");
  },
  // e.g. 'Apache- 2.0'
  function(argument) {
    return argument.replace(/\s+/g, "");
  },
  // e.g. 'CC BY 4.0'

```

```

function(argument) {
  return argument.replace(/s+/g, '-');
},
// e.g. 'LGPLv2.1'
function(argument) {
  return argument.replace('v', '-');
},
// e.g. 'Apache 2.0'
function(argument) {
  return argument.replace(/,?\s*(\d)/, '-$1');
},
// e.g. 'GPL 2'
function(argument) {
  return argument.replace(/,?\s*(\d)/, '-$1.0');
},
// e.g. 'Apache Version 2.0'
function(argument) {
  return argument.replace(/,?\s*(V|.v|.V|v|Version|version)\s*(\d)/, '-$2');
},
// e.g. 'Apache Version 2'
function(argument) {
  return argument.replace(/,?\s*(V|.v|.V|v|Version|version)\s*(\d)/, '-$2.0');
},
// e.g. 'ZLIB'
function(argument) {
  return argument[0].toUpperCase() + argument.slice(1);
},
// e.g. 'MPL/2.0'
function(argument) {
  return argument.replace('/', '-');
},
// e.g. 'Apache 2'
function(argument) {
  return argument
    .replace(/s*V\s*(\d)/, '-$1')
    .replace(/(\d)$/, '$1.0');
},
// e.g. 'GPL-2.0-'
function(argument) {
  return argument.slice(0, argument.length - 1);
},
// e.g. 'GPL2'
function(argument) {
  return argument.replace(/(\d)$/, '-$1.0');
},
// e.g. 'BSD 3'
function(argument) {
  return argument.replace(/(-)?(\d)$/, '-$2-Clause');
}

```

```

},
// e.g. 'BSD clause 3'
function(argument) {
  return argument.replace(/(-)clause(-)(\d)/, '-$3-Clause');
},
// e.g. 'BY-NC-4.0'
function(argument) {
  return 'CC-' + argument;
},
// e.g. 'BY-NC'
function(argument) {
  return 'CC-' + argument + '-4.0';
},
// e.g. 'Attribution-NonCommercial'
function(argument) {
  return argument
    .replace('Attribution', 'BY')
    .replace('NonCommercial', 'NC')
    .replace('NoDerivatives', 'ND')
    .replace(/ (\d)/, '-$1')
    .replace(/ ?International/, '');
},
// e.g. 'Attribution-NonCommercial'
function(argument) {
  return 'CC-' +
    argument
    .replace('Attribution', 'BY')
    .replace('NonCommercial', 'NC')
    .replace('NoDerivatives', 'ND')
    .replace(/ (\d)/, '-$1')
    .replace(/ ?International/, ") +
    '-4.0';
}
];

```

// If all else fails, guess that strings containing certain substrings

// meant to identify certain licenses.

```

var lastResorts = [
  ['UNLI', 'Unlicense'],
  ['WTF', 'WTFPL'],
  ['2 CLAUSE', 'BSD-2-Clause'],
  ['2-CLAUSE', 'BSD-2-Clause'],
  ['3 CLAUSE', 'BSD-3-Clause'],
  ['3-CLAUSE', 'BSD-3-Clause'],
  ['AFFERO', 'AGPL-3.0'],
  ['AGPL', 'AGPL-3.0'],
  ['APACHE', 'Apache-2.0'],
  ['ARTISTIC', 'Artistic-2.0'],

```



```

['Affero', 'AGPL-3.0'],
['BEER', 'Beerware'],
['BOOST', 'BSL-1.0'],
['BSD', 'BSD-2-Clause'],
['ECLIPSE', 'EPL-1.0'],
['FUCK', 'WTFPL'],
['GNU', 'GPL-3.0'],
['LGPL', 'LGPL-3.0'],
['GPL', 'GPL-3.0'],
['MIT', 'MIT'],
['MPL', 'MPL-2.0'],
['X11', 'X11'],
['ZLIB', 'Zlib']
];

var SUBSTRING = 0;
var IDENTIFIER = 1;

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

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

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

```

```

    var checked = check(corrected);
    if (checked !== null) {
        return checked;
    }
}
return null;
};

module.exports = function(identifier) {
    identifier = identifier.replace(/\$/ , "");
    if (valid(identifier)) {
        return identifier;
    }
    var transformed = validTransformation(identifier);
    if (transformed !== null) {
        return transformed;
    }
    transformed = anyCorrection(identifier, function(argument) {
        if (valid(argument)) {
            return argument;
        }
        return validTransformation(argument);
    });
    if (transformed !== null) {
        return transformed;
    }
    transformed = validLastResort(identifier);
    if (transformed !== null) {
        return transformed;
    }
    transformed = anyCorrection(identifier, validLastResort);
    if (transformed !== null) {
        return transformed;
    }
    return null;
};
{
    "_args": [
        [
            "spdx-correct@~1.0.0",
            "/Users/rebecca/code/npm/node_modules/validate-npm-package-license"
        ]
    ],
    "_from": "spdx-correct@>=1.0.0 <1.1.0",
    "_id": "spdx-correct@1.0.2",
    "_inCache": true,
    "_installable": true,

```

```

"_location": "/validate-npm-package-license/spdx-correct",
"_nodeVersion": "4.2.1",
"_npmUser": {
  "email": "kyle@kemitchell.com",
  "name": "kemitchell"
},
"_npmVersion": "3.3.6",
"_phantomChildren": {},
"_requested": {
  "name": "spdx-correct",
  "raw": "spdx-correct@~1.0.0",
  "rawSpec": "~1.0.0",
  "scope": null,
  "spec": ">=1.0.0 <1.1.0",
  "type": "range"
},
"_requiredBy": [
  "/validate-npm-package-license"
],
"_resolved": "https://registry.npmjs.org/spdx-correct/-/spdx-correct-1.0.2.tgz",
"_shasum": "4b3073d933ff51f3912f03ac5519498a4150db40",
"_shrinkwrap": null,
"_spec": "spdx-correct@~1.0.0",
"_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license",
"author": {
  "email": "kyle@kemitchell.com",
  "name": "Kyle E. Mitchell",
  "url": "https://kemitchell.com"
},
"bugs": {
  "url": "https://github.com/kemitchell/spdx-correct.js/issues"
},
"dependencies": {
  "spdx-license-ids": "^1.0.2"
},
"description": "correct invalid SPDX identifiers",
"devDependencies": {
  "defence-cli": "^1.0.1",
  "replace-require-self": "^1.0.0",
  "spdx-expression-parse": "^1.0.0",
  "tape": "~4.0.0"
},
"directories": {},
"dist": {
  "shasum": "4b3073d933ff51f3912f03ac5519498a4150db40",
  "tarball": "http://registry.npmjs.org/spdx-correct/-/spdx-correct-1.0.2.tgz"
},
"gitHead": "8430a3ad521e1455208db33faafcb79c7b074236",

```

```

"homepage": "https://github.com/kemitchell/spdx-correct.js#readme",
"keywords": [
  "SPDX",
  "law",
  "legal",
  "license",
  "metadata"
],
"license": "Apache-2.0",
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  },
  {
    "name": "othiym23",
    "email": "ogd@aoaiioxxysz.net"
  }
],
"name": "spdx-correct",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/kemitchell/spdx-correct.js.git"
},
"scripts": {
  "test": "defence README.md | replace-require-self | node && tape *.test.js"
},
"version": "1.0.2"
var parse = require('spdx-expression-parse');
var correct = require('spdx-correct');

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

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

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

function usesLicenseRef(ast) {

```

```

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

```

```

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

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

```

```

    return result;
  }
}

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

```

```

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

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

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

    var wanted = {
      name: 'the-name',
      version: '1.0.0',
      description: "",

```

```

scripts: { test: 'echo "Error: no test specified" && exit 1' },
license: 'Apache-2.0',
author: "",
main: 'basic.js'
}
console.log("")
t.has(data, wanted)
t.end()
})
common.drive([
  'the-name\n',
  '\n',
  '\n',
  '\n',
  '\n',
  '\n',
  '\n',
  '\n',
  '\n',
  'Apache\n',
  'Apache-2.0\n',
  'yes\n'
])
})

```

```

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

```

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1.213 nodejs_deps_npm_Artisticv2 0.10.26

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1.215 ntp 4.2.6p5 :2011/12/24 Harlan Stenn

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/* Skeleton implementation for Bison's Yacc-like parsers in C

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* Character mapping generated 04/29/11 15:43:58

*

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# Wrapper for compilers which do not understand `-c -o'.
```

```
scriptversion=2005-05-14.22
```

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

scriptversion=2005-05-14.22

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```

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*
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*
* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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1.220 org.apache.cxf:cxf-rt-frontend-jaxws

2.1.9

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1.221 org.eclipse.persistence.jpa 2.5.0

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1.222 org.eclipse.persistence.jpa 2.4.2

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1.223 org.eclipse.persistence.jpa.jpql 2.5.0

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1.224 osgi.resource.locator 1.0.1

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1.226 paramiko 1.15.2

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@c ispell-local-pdict: "ispell-dict"

@c End:

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|| strcmp(license, "GPL v2") == 0
|| strcmp(license, "GPL and additional rights") == 0
|| strcmp(license, "Dual BSD/GPL") == 0
|| strcmp(license, "Dual MIT/GPL") == 0
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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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(in case you are wondering where CyberLogin is, EON changed its login
procedure and CyberLogin is no longer used.)

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Kirk Lapray <kirk.lapray@gmail.com>
for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

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Version 1.0

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
*    combined, allow nicstar_free_rx_skb to be called to
*    recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
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*
* M. Welsh, 6 July 1996
*
*
*/

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- * 10/15/2010-2.2 Guy Pelletier
- * - 322008: Improve usability of additional criteria applied to queries at the session/EM
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1.236 persistence-moxy 2.5.0

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* Contributors:

- * Matt MacIvor - 2.4 - initial implementation

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1.237 pexpect 4.0.1

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1.238 phantomjs 1.9.1

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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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1.239 pigz 2.2.5 :1.e15

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```
*/
/* yarn.h -- generic interface for thread operations
 * Copyright (C) 2008, 2011 Mark Adler
```

* Version 1.3 13 Jan 2012 Mark Adler

*/

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1.240 Postgres 9.6.2

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1.241 PostgreSQL 9.3.5

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1.243 postgresql93 9.3.11 :1PGDG.rhel6

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1.244 protobuf-java 2.4.1

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1.245 protobuf-java 2.5.0

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1.246 psutils 1.17 :34.el6

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psnup.c       psnup.man   psresize.c   psresize.man
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rm psutils/md71_0.ps
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1.247 psycopg2 2.5.4

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1.248 ptyprocess 0.5.1

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1.249 python 2.7.9

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1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
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1.250 Python Enum 0.4.4

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2.1.1	2.1+2.0.1	2001	PSF	yes
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2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
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<signature of Ty Coon>, 1 April 1989  
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```
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1.251 python-argparse 1.2.1

:9cbf4abe5aec05480e8fa320731236cf

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

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

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

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

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

2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

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1.252 python-bottle 0.12.8

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Homepage and documentation: <http://bottlepy.org/>

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1.253 python-click 3.3 :September 8th 2014

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Martin Owens

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1.257 python-dateutil 2.4.0

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1.258 python-decorator 3.4.0 :3.el7

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1.259 python-ecdsa 0.11 :3.el7.centos

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1.260 python-ecdsa 0.13

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1.261 python-fabric 1.10.1

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1.262 python-gevent 1.0 :1ubuntu1.1

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1.263 python-greenlet 0.2

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1.264 python-paramiko 1.15.1 :1.el7

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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

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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.

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

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

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

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

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

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That's all there is to it!

1.265 python-paste 1.7.5.1

1.265.1 Available under license :

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1.266 python-pip 6.0.6 :(2015-01-03)

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1.267 python-pip 1.3.1 :4.el6

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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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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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1.268 python-pip_CA-Root-Certificates 1.3.1 :4.el6

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1.269 python-psutil 2.1.3

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1.270 python-setuptools 1.4.2

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

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (see <http://www.digicool.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. Digital Creations is a sponsoring member of the PSF.

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2.1	2.0+1.6.1	2001	PSF	no
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1.271 python-six 1.9.0

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1.272 python-toml 0.8.2

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1.273 python2-pythondialog 3.0.1 :2013-11-01

Florent Rougon

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

That's all there is to it!

```
# demo.py --- Demonstration program and cheap test suite for pythondialog  
#  
# Copyright (C) 2002-2010, 2013 Florent Rougon  
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1.274 python2-redis 2.10.3

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1.275 qemu-kvm 0.12.1.2

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1.276 qless-py 0.10.1

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1.277 redis 0.12.1

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redis - a node.js redis client

=====

This is a complete Redis client for node.js. It supports all Redis commands, including many recently added commands like EVAL from experimental Redis server branches.

Install with:

```
npm install redis
```

Pieter Noordhuis has provided a binding to the official `hiredis` C library, which is non-blocking and fast. To use `hiredis`, do:

```
npm install hiredis redis
```

If `hiredis` is installed, `node_redis` will use it by default. Otherwise, a pure JavaScript parser will be used.

If you use `hiredis`, be sure to rebuild it whenever you upgrade your version of node. There are mysterious failures that can

happen between node and native code modules after a node upgrade.

Usage

Simple example, included as `examples/simple.js`:

```
```js
var redis = require("redis"),
 client = redis.createClient();

// if you'd like to select database 3, instead of 0 (default), call
// client.select(3, function() { /* ... */ });

client.on("error", function (err) {
 console.log("Error " + err);
});

client.set("string key", "string val", redis.print);
client.hset("hash key", "hashtest 1", "some value", redis.print);
client.hset(["hash key", "hashtest 2", "some other value"], redis.print);
client.hkeys("hash key", function (err, replies) {
 console.log(replies.length + " replies:");
 replies.forEach(function (reply, i) {
 console.log(" " + i + ": " + reply);
 });
 client.quit();
});
```
```

This will display:

```
mjr:~/work/node_redis (master)$ node example.js
Reply: OK
Reply: 0
Reply: 0
2 replies:
  0: hashtest 1
  1: hashtest 2
mjr:~/work/node_redis (master)$
```

Performance

Here are typical results of `multi_bench.js` which is similar to `redis-benchmark` from the Redis distribution. It uses 50 concurrent connections with no pipelining.

JavaScript parser:

```
PING: 20000 ops 42283.30 ops/sec 0/5/1.182
SET: 20000 ops 32948.93 ops/sec 1/7/1.515
GET: 20000 ops 28694.40 ops/sec 0/9/1.740
INCR: 20000 ops 39370.08 ops/sec 0/8/1.269
LPUSH: 20000 ops 36429.87 ops/sec 0/8/1.370
LRANGE (10 elements): 20000 ops 9891.20 ops/sec 1/9/5.048
LRANGE (100 elements): 20000 ops 1384.56 ops/sec 10/91/36.072
```

hiredis parser:

```
PING: 20000 ops 46189.38 ops/sec 1/4/1.082
SET: 20000 ops 41237.11 ops/sec 0/6/1.210
GET: 20000 ops 39682.54 ops/sec 1/7/1.257
INCR: 20000 ops 40080.16 ops/sec 0/8/1.242
LPUSH: 20000 ops 41152.26 ops/sec 0/3/1.212
LRANGE (10 elements): 20000 ops 36563.07 ops/sec 1/8/1.363
LRANGE (100 elements): 20000 ops 21834.06 ops/sec 0/9/2.287
```

The performance of ``node_redis`` improves dramatically with pipelining, which happens automatically in most normal programs.

Sending Commands

Each Redis command is exposed as a function on the ``client`` object. All functions take either an ``args`` Array plus optional ``callback`` Function or a variable number of individual arguments followed by an optional callback. Here is an example of passing an array of arguments and a callback:

```
client.mset(["test keys 1", "test val 1", "test keys 2", "test val 2"], function (err, res) { });
```

Here is that same call in the second style:

```
client.mset("test keys 1", "test val 1", "test keys 2", "test val 2", function (err, res) { });
```

Note that in either form the ``callback`` is optional:

```
client.set("some key", "some val");
client.set(["some other key", "some val"]);
```

If the key is missing, reply will be null (probably):

```
client.get("missingkey", function(err, reply) {
  // reply is null when the key is missing
  console.log(reply);
});
```

For a list of Redis commands, see [Redis Command Reference](http://redis.io/commands)

The commands can be specified in uppercase or lowercase for convenience. ``client.get()`` is the same as ``client.GET()``.

Minimal parsing is done on the replies. Commands that return a single line reply return JavaScript Strings, integer replies return JavaScript Numbers, "bulk" replies return node Buffers, and "multi bulk" replies return a JavaScript Array of node Buffers. ``HGETALL`` returns an Object with Buffers keyed by the hash keys.

API

Connection Events

``client`` will emit some events about the state of the connection to the Redis server.

"ready"

``client`` will emit ``ready`` a connection is established to the Redis server and the server reports that it is ready to receive commands. Commands issued before the ``ready`` event are queued, then replayed just before this event is emitted.

"connect"

``client`` will emit ``connect`` at the same time as it emits ``ready`` unless ``client.options.no_ready_check`` is set. If this options is set, ``connect`` will be emitted when the stream is connected, and then you are free to try to send commands.

"error"

``client`` will emit ``error`` when encountering an error connecting to the Redis server.

Note that "error" is a special event type in node. If there are no listeners for an "error" event, node will exit. This is usually what you want, but it can lead to some cryptic error messages like this:

```
mjr:~/work/node_redis (master)$ node example.js
```

```
node.js:50
```

```
  throw e;
```

```
  ^
```

```
Error: ECONNREFUSED, Connection refused
```

```
  at IOWatcher.callback (net:870:22)
```

```
  at node.js:607:9
```

Not very useful in diagnosing the problem, but if your program isn't ready to handle this, it is probably the right thing to just exit.

``client`` will also emit ``error`` if an exception is thrown inside of ``node_redis`` for whatever reason.

It would be nice to distinguish these two cases.

```
### "end"
```

``client`` will emit ``end`` when an established Redis server connection has closed.

```
### "drain"
```

``client`` will emit ``drain`` when the TCP connection to the Redis server has been buffering, but is now writable. This event can be used to stream commands in to Redis and adapt to backpressure. Right now, you need to check ``client.command_queue.length`` to decide when to reduce your send rate. Then you can resume sending when you get ``drain``.

```
### "idle"
```

``client`` will emit ``idle`` when there are no outstanding commands that are awaiting a response.

```
## redis.createClient()
```

```
### overloading
```

```
* redis.createClient() = redis.createClient(6379, '127.0.0.1', {})  
* redis.createClient(options) = redis.createClient(6379, '127.0.0.1', options)  
* redis.createClient(unix_socket, options)  
* redis.createClient(port, host, options)
```

If you have ``redis-server`` running on the same computer as node, then the defaults for port and host are probably fine. ``options`` in an object with the following possible properties:

```
* `parser`: which Redis protocol reply parser to use. Defaults to `hiredis` if that module is installed. This may also be set to `javascript`.  
* `return_buffers`: defaults to `false`. If set to `true`, then all replies will be sent to callbacks as node Buffer objects instead of JavaScript Strings.  
* `detect_buffers`: default to `false`. If set to `true`, then replies will be sent to callbacks as node Buffer objects if any of the input arguments to the original command were Buffer objects. This option lets you switch between Buffers and Strings on a per-command basis, whereas `return_buffers` applies to every command on a client.  
* `socket_nodelay`: defaults to `true`. Whether to call setNoDelay() on the TCP stream, which disables the Nagle algorithm on the underlying socket. Setting this option to `false` can result in additional throughput at the cost of more latency. Most applications will want this set to `true`.  
* `socket_keepalive` defaults to `true`. Whether the keep-alive functionality is enabled on the underlying socket.  
* `no_ready_check`: defaults to `false`. When a connection is established to the Redis server, the server might still be loading the database from disk. While loading, the server not respond to any commands. To work around this, `node_redis` has a "ready check" which sends the `INFO` command  
indicates whether the server is ready for more commands. When ready, `node_redis` emits a `ready` event. Setting `no_ready_check` to `true` will inhibit this check.  
* `enable_offline_queue`: defaults to `true`. By default, if there is no active
```


connection to the redis server, commands are added to a queue and are executed once the connection has been established. Setting `enable_offline_queue` to false` will disable this feature and the callback will be execute immediately with an error, or an error will be thrown if no callback is specified.`

* `retry_max_delay` defaults to null`. By default every time the client tries to connect and fails time before reconnection (delay) almost doubles. This delay normally grows infinitely, but setting retry_max_delay` limits delay`

to maximum value, provided in milliseconds.

* `connect_timeout` defaults to false`. By default client will try reconnecting until connected. Setting connect_timeout``

limits total time for client to reconnect. Value is provided in milliseconds and is counted once the disconnect occurred.

* `max_attempts` defaults to null`. By default client will try reconnecting until connected. Setting max_attempts` limits total amount of reconnects.`

* `auth_pass` defaults to null`. By default client will try connecting without auth. If set, client will run redis auth command on connect.`

* `family` defaults to IPv4`. The client connects in IPv4 if not specified or if the DNS resolution returns an IPv4 address.`

You can force an IPv6 if you set the family to 'IPv6'. See nodejs net or dns modules how to use the family type.

```
```js
var redis = require("redis"),
 client = redis.createClient({ detect_buffers: true });

client.set("foo_rand000000000000", "OK");

// This will return a JavaScript String
client.get("foo_rand000000000000", function (err, reply) {
 console.log(reply.toString()); // Will print `OK`
});

// This will return a Buffer since original key is specified as a Buffer
client.get(new Buffer("foo_rand000000000000"), function (err, reply) {
 console.log(reply.toString()); // Will print ``
});
client.end();
```
```

`createClient()` returns a `RedisClient` object that is named client` in all of the examples here.`

```
## client.auth(password, callback)
```

When connecting to Redis servers that require authentication, the `AUTH` command must be sent as the first command after connecting. This can be tricky to coordinate with reconnections, the ready check, etc. To make this easier, client.auth()` stashes password` and will send it after each connection, including reconnections. callback` is invoked only once, after the response to the very first AUTH` command sent.`

NOTE: Your call to `client.auth()` should not be inside the ready handler. If you are doing this wrong, `client` will emit an error that looks something like this `Error: Ready check failed: ERR operation not permitted`.

```
## client.end()
```

Forcibly close the connection to the Redis server. Note that this does not wait until all replies have been parsed. If you want to exit cleanly, call `client.quit()` to send the `QUIT` command after you have handled all replies.

This example closes the connection to the Redis server before the replies have been read. You probably don't want to do this:

```
```js
var redis = require("redis"),
 client = redis.createClient();

client.set("foo_rand000000000000", "some fantastic value");
client.get("foo_rand000000000000", function (err, reply) {
 console.log(reply.toString());
});
client.end();
```
```

`client.end()` is useful for timeout cases where something is stuck or taking too long and you want to start over.

```
## client.unref()
```

Call `unref()` on the underlying socket connection to the Redis server, allowing the program to exit once no more commands are pending.

This is an *experimental* feature, and only supports a subset of the Redis protocol. Any commands where client state is saved on the Redis server, e.g. `SUBSCRIBE` or the blocking `BL` commands will *NOT* work with `unref()`.

```
```js
var redis = require("redis")
var client = redis.createClient()

/*
 Calling unref() will allow this program to exit immediately after the get command finishes. Otherwise the client
 would hang as long as the client-server connection is alive.
*/
client.unref()
client.get("foo", function (err, value){
 if (err) throw(err)
 console.log(value)
})
```

...

## ## Friendlier hash commands

Most Redis commands take a single String or an Array of Strings as arguments, and replies are sent back as a single String or an Array of Strings.

When dealing with hash values, there are a couple of useful exceptions to this.

### ### client.hgetall(hash)

The reply from an HGETALL command will be converted into a JavaScript Object by `node_redis``. That way you can interact with the responses using JavaScript syntax.

Example:

```
client.hmset("hosts", "mjr", "1", "another", "23", "home", "1234");
client.hgetall("hosts", function (err, obj) {
 console.dir(obj);
});
```

Output:

```
{ mjr: '1', another: '23', home: '1234' }
```

### ### client.hmset(hash, obj, [callback])

Multiple values in a hash can be set by supplying an object:

```
client.HMSET(key2, {
 "0123456789": "abcdefghij", // NOTE: key and value will be coerced to strings
 "some manner of key": "a type of value"
});
```

The properties and values of this Object will be set as keys and values in the Redis hash.

### ### client.hmset(hash, key1, val1, ... keyn, valn, [callback])

Multiple values may also be set by supplying a list:

```
client.HMSET(key1, "0123456789", "abcdefghij", "some manner of key", "a type of value");
```

## ## Publish / Subscribe

Here is a simple example of the API for publish / subscribe. This program opens two client connections, subscribes to a channel on one of them, and publishes to that channel on the other:

```

```js
var redis = require("redis"),
    client1 = redis.createClient(), client2 = redis.createClient(),
    msg_count = 0;

client1.on("subscribe", function (channel, count) {
    client2.publish("a nice channel", "I am sending a message.");
    client2.publish("a nice channel", "I am sending a second message.");
    client2.publish("a nice channel", "I am sending my last message.");
});

client1.on("message", function (channel, message) {
    console.log("client1 channel " + channel + ": " + message);
    msg_count += 1;
    if (msg_count === 3) {
        client1.unsubscribe();
        client1.end();
        client2.end();
    }
});

client1.incr("did a thing");
client1.subscribe("a nice channel");
```

```

When a client issues a `SUBSCRIBE` or `PUBLISH`, that connection is put into a "subscriber" mode. At that point, only commands that modify the subscription set are valid. When the subscription set is empty, the connection is put back into regular mode.

If you need to send regular commands to Redis while in subscriber mode, just open another connection.

### ## Subscriber Events

If a client has subscriptions active, it may emit these events:

```
"message" (channel, message)
```

Client will emit `message` for every message received that matches an active subscription. Listeners are passed the channel name as `channel` and the message Buffer as `message`.

```
"pmessage" (pattern, channel, message)
```

Client will emit `pmessage` for every message received that matches an active subscription pattern. Listeners are passed the original pattern used with `PUBLISH` as `pattern`, the sending channel name as `channel`, and the message Buffer as `message`.

```
"subscribe" (channel, count)
```

Client will emit `subscribe` in response to a `SUBSCRIBE` command. Listeners are passed the channel name as `channel` and the new count of subscriptions for this client as `count`.

```
"psubscribe" (pattern, count)
```

Client will emit `psubscribe` in response to a `PSUBSCRIBE` command. Listeners are passed the original pattern as `pattern`, and the new count of subscriptions for this client as `count`.

```
"unsubscribe" (channel, count)
```

Client will emit `unsubscribe` in response to a `UNSUBSCRIBE` command. Listeners are passed the channel name as `channel` and the new count of subscriptions for this client as `count`. When `count` is 0, this client has left subscriber mode and no more subscriber events will be emitted.

```
"punsubscribe" (pattern, count)
```

Client will emit `punsubscribe` in response to a `PUNSUBSCRIBE` command. Listeners are passed the channel name as `channel` and the new count of subscriptions for this client as `count`. When `count` is 0, this client has left subscriber mode and no more subscriber events will be emitted.

```
client.multi([commands])
```

`MULTI` commands are queued up until an `EXEC` is issued, and then all commands are run atomically by Redis. The interface in `node\_redis` is to return an individual `Multi` object by calling `client.multi()`.

```
``js
var redis = require("./index"),
 client = redis.createClient(), set_size = 20;

client.sadd("bigset", "a member");
client.sadd("bigset", "another member");

while (set_size > 0) {
 client.sadd("bigset", "member " + set_size);
 set_size -= 1;
}

// multi chain with an individual callback
client.multi()
 .scard("bigset")
 .smembers("bigset")
 .keys("*", function (err, replies) {
 // NOTE: code in this callback is NOT atomic
 // this only happens after the the .exec call finishes.
 client.mget(replies, redis.print);
 })
 .dbsize()
```

```

 .exec(function (err, replies) {
 console.log("MULTI got " + replies.length + " replies");
 replies.forEach(function (reply, index) {
 console.log("Reply " + index + ": " + reply.toString());
 });
 });
 ...

```

```

Multi.exec(callback)

```

`client.multi()` is a constructor that returns a `Multi` object. `Multi` objects share all of the same command methods as `client` objects do. Commands are queued up inside the `Multi` object until `Multi.exec()` is invoked.

The `callback` of `.exec()` will get invoked with two arguments:

- \* `err` **type:** `null | Array` `err` is either null or an array of Error Objects corresponding to the sequence of commands where chained. The last item of the array will always be an `EXECABORT` type of error originating from the `.exec()` itself.
- \* `results` **type:** `null | Array` `results` is an array of responses corresponding to the sequence of commands where chained.

You can either chain together `MULTI` commands as in the above example, or you can queue individual commands while still sending regular client commands as in this example:

```

```js
var redis = require("redis"),
    client = redis.createClient(), multi;

// start a separate multi command queue
multi = client.multi();
multi.incr("incr thing", redis.print);
multi.incr("incr other thing", redis.print);

// runs immediately
client.mset("incr thing", 100, "incr other thing", 1, redis.print);

// drains multi queue and runs atomically
multi.exec(function (err, replies) {
  console.log(replies); // 101, 2
});

// you can re-run the same transaction if you like
multi.exec(function (err, replies) {
  console.log(replies); // 102, 3
  client.quit();
});
```

```

In addition to adding commands to the `MULTI` queue individually, you can also pass an array of commands and arguments to the constructor:

```
```js
var redis = require("redis"),
    client = redis.createClient(), multi;

client.multi([
  ["mget", "multifoo", "multibar", redis.print],
  ["incr", "multifoo"],
  ["incr", "multibar"]
]).exec(function (err, replies) {
  console.log(replies);
});
```
```

## Monitor mode

Redis supports the `MONITOR` command, which lets you see all commands received by the Redis server across all client connections, including from other client libraries and other computers.

After you send the `MONITOR` command, no other commands are valid on that connection. `node_redis` will emit a `monitor` event for every new monitor message that comes across. The callback for the `monitor` event takes a timestamp from the Redis server and an array of command arguments.

Here is a simple example:

```
```js
var client = require("redis").createClient(),
    util = require("util");

client.monitor(function (err, res) {
  console.log("Entering monitoring mode.");
});

client.on("monitor", function (time, args) {
  console.log(time + ": " + util.inspect(args));
});
```
```

# Extras

Some other things you might like to know about.

## client.server\_info

After the ready probe completes, the results from the INFO command are saved in the `client.server\_info` object.

The `versions` key contains an array of the elements of the version string for easy comparison.

```
> client.server_info.redis_version
'2.3.0'
> client.server_info.versions
[2, 3, 0]
```

```
redis.print()
```

A handy callback function for displaying return values when testing. Example:

```
```js
var redis = require("redis"),
    client = redis.createClient();

client.on("connect", function () {
  client.set("foo_rand000000000000", "some fantastic value", redis.print);
  client.get("foo_rand000000000000", redis.print);
});
```
```

This will print:

```
Reply: OK
Reply: some fantastic value
```

Note that this program will not exit cleanly because the client is still connected.

```
redis.debug_mode
```

Boolean to enable debug mode and protocol tracing.

```
```js
var redis = require("redis"),
    client = redis.createClient();

redis.debug_mode = true;

client.on("connect", function () {
  client.set("foo_rand000000000000", "some fantastic value");
});
```
```

This will display:



```
mjr:~/work/node_redis (master)$ node ~/example.js
send command: *3
$3
SET
$20
foo_rand000000000000
$20
some fantastic value

on_data: +OK
```

`send command` is data sent into Redis and `on\_data` is data received from Redis.

### ## Multi-word commands

To execute redis multi-word commands like `SCRIPT LOAD` or `CLIENT LIST` pass the second word as first parameter:

```
client.script('load', 'return 1');
client.multi().script('load', 'return 1').exec(...);
client.multi(['script', 'load', 'return 1']).exec(...);
```

### ## client.send\_command(command\_name, args, callback)

Used internally to send commands to Redis. For convenience, nearly all commands that are published on the Redis Wiki have been added to the `client` object. However, if I missed any, or if new commands are introduced before this library is updated, you can use `send\_command()` to send arbitrary commands to Redis.

All commands are sent as multi-bulk commands. `args` can either be an Array of arguments, or omitted.

### ## client.connected

Boolean tracking the state of the connection to the Redis server.

### ## client.command\_queue.length

The number of commands that have been sent to the Redis server but not yet replied to. You can use this to enforce some kind of maximum queue depth for commands while connected.

Don't mess with `client.command\_queue` though unless you really know what you are doing.

### ## client.offline\_queue.length

The number of commands that have been queued up for a future connection. You can use this to enforce some kind of maximum queue depth for pre-connection commands.

### ## client.retry\_delay

Current delay in milliseconds before a connection retry will be attempted. This starts at `250`.

```
client.retry_backoff
```

Multiplier for future retry timeouts. This should be larger than 1 to add more time between retries.

Defaults to 1.7. The default initial connection retry is 250, so the second retry will be 425, followed by 723.5, etc.

```
Commands with Optional and Keyword arguments
```

This applies to anything that uses an optional `[WITHSCORES]` or `[LIMIT offset count]` in the [redis.io/commands](http://redis.io/commands) documentation.

Example:

```
```js
var args = [ 'myzset', 1, 'one', 2, 'two', 3, 'three', 99, 'ninety-nine' ];
client.zadd(args, function (err, response) {
  if (err) throw err;
  console.log('added '+response+' items.');
```



```
  // -Infinity and +Infinity also work
  var args1 = [ 'myzset', '+inf', '-inf' ];
  client.zrevrangebyscore(args1, function (err, response) {
    if (err) throw err;
    console.log('example1', response);
    // write your code here
  });

  var max = 3, min = 1, offset = 1, count = 2;
  var args2 = [ 'myzset', max, min, 'WITHSCORES', 'LIMIT', offset, count ];
  client.zrevrangebyscore(args2, function (err, response) {
    if (err) throw err;
    console.log('example2', response);
    // write your code here
  });
});
```
```

```
TODO
```

Better tests for auth, disconnect/reconnect, and all combinations thereof.

Stream large set/get values into and out of Redis. Otherwise the entire value must be in node's memory.

Performance can be better for very large values.

I think there are more performance improvements left in there for smaller values, especially for large lists of small values.

## ## How to Contribute

- open a pull request and then wait for feedback (if [DTrejo](http://github.com/dtrejo) does not get back to you within 2 days, comment again with indignation!)

## ## Contributors

Some people have have added features and fixed bugs in `node\_redis` other than me.

Ordered by date of first contribution.

[Auto-generated](http://github.com/dtrejo/node-authors) on Wed Jul 25 2012 19:14:59 GMT-0700 (PDT).

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Thanks.

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## 1.278 Redis 3.2.7

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# 1.279 Redis 2.8.6 :13 Feb 2014

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#
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#####
```

```
#
```

```
Interactive service installer for redis server
this generates a redis config file and an /etc/init.d script, and installs them
this scripts should be run as root
```

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```

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## 1.283 requests 2.5.0 :(2012-12-17)

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## 1.284 requests\_packages 2.5.0 :(2012-12-17)

### 1.284.1 Available under license :

Requests includes some vendorized python libraries to ease installation.

Urllib3 License

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# 1.285 requests\_packagees 2.5.1 :(2014-12-23)

## 1.285.1 Available under license :

Requests includes some vendorized python libraries to ease installation.

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\*

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## 1.289 ServiceLocator Default Implementation

### 2.4.0-b31

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## 1.290 setuptools 2.2

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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 (see  
<http://www.digicool.com>). In 2001, the Python Software Foundation  
(PSF, see <http://www.python.org/psf/>) was formed, a non-profit  
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All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

| Release from   | 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       | no                  |
| 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                 |
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## 1.291 Shiro-all 1.2.2

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## 1.303 tcpdump-4.0.0 4.0.0

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## 1.304 telnet 0.17 :22-Jul-2000

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```
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#
texttable - module for creating simple ASCII tables
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## 1.306 texttable 0.8.1

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compiler/cpp/src/generate/t\_cocoa\_generator.cc  
compiler/cpp/src/generate/t\_cpp\_generator.cc  
compiler/cpp/src/generate/t\_csharp\_generator.cc  
compiler/cpp/src/generate/t\_erl\_generator.cc  
compiler/cpp/src/generate/t\_hs\_generator.cc  
compiler/cpp/src/generate/t\_java\_generator.cc  
compiler/cpp/src/generate/t\_ocaml\_generator.cc  
compiler/cpp/src/generate/t\_perl\_generator.cc  
compiler/cpp/src/generate/t\_php\_generator.cc  
compiler/cpp/src/generate/t\_py\_generator.cc  
compiler/cpp/src/generate/t\_rb\_generator.cc  
compiler/cpp/src/generate/t\_st\_generator.cc  
compiler/cpp/src/generate/t\_xsd\_generator.cc  
compiler/cpp/src/main.cc  
compiler/cpp/src/parse/t\_field.h  
compiler/cpp/src/parse/t\_program.h  
compiler/cpp/src/platform.h  
compiler/cpp/src/thrift.l  
compiler/cpp/src/thrift.yy  
lib/csharp/src/Protocol/TBinaryProtocol.cs  
lib/csharp/src/Protocol/TField.cs  
lib/csharp/src/Protocol/TList.cs  
lib/csharp/src/Protocol/TMap.cs  
lib/csharp/src/Protocol/TMessage.cs  
lib/csharp/src/Protocol/TMessageType.cs  
lib/csharp/src/Protocol/TProtocol.cs  
lib/csharp/src/Protocol/TProtocolException.cs  
lib/csharp/src/Protocol/TProtocolFactory.cs  
lib/csharp/src/Protocol/TProtocolUtil.cs  
lib/csharp/src/Protocol/TSet.cs  
lib/csharp/src/Protocol/TStruct.cs  
lib/csharp/src/Protocol/TType.cs  
lib/csharp/src/Server/TServer.cs  
lib/csharp/src/Server/TSimpleServer.cs  
lib/csharp/src/Server/TThreadPoolServer.cs  
lib/csharp/src/TApplicationException.cs  
lib/csharp/src/Thrift.csproj  
lib/csharp/src/Thrift.sln  
lib/csharp/src/TProcessor.cs  
lib/csharp/src/Transport/TServerSocket.cs  
lib/csharp/src/Transport/TServerTransport.cs  
lib/csharp/src/Transport/TSocket.cs  
lib/csharp/src/Transport/TStreamTransport.cs  
lib/csharp/src/Transport/TTransport.cs  
lib/csharp/src/Transport/TTransportException.cs  
lib/csharp/src/Transport/TTransportFactory.cs  
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs  
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs

lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj  
lib/rb/lib/thrift.rb  
lib/st/README  
lib/st/thrift.st  
test/OptionalRequiredTest.cpp  
test/OptionalRequiredTest.thrift  
test/ThriftTest.thrift

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For the aclocal/ax\_boost\_base.m4 and contrib/fb303/aclocal/ax\_boost\_base.m4 components:

```
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```
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```

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L. Peter Deutsch  
ghost@aladdin.com

```
*/
```

-----  
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- javaee\_web\_services\_client\_1\_3.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd



- web-fragment\_3\_0.xsd

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# 1.322 websocket-servlet 9.2.16.v20160414

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# 1.323 wget 1.12 :2009-09-21 Micah Cowan

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Version 3, 29 June 2007

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```

*/

package zipcompare;

import java.util.zip.ZipFile;
import java.util.zip.ZipEntry;
import java.util.*;
import java.io.IOException;
import java.io.InputStream;

public class ZipCompare
{
 public static void main(String[] args)
 {
 if (args.length != 2)
 {
 System.out.println("Usage: zipcompare [file1] [file2]");
 System.exit(1);
 }

 ZipFile file1;
 try { file1 = new ZipFile(args[0]); }
 catch (IOException e) { System.out.println("Could not open zip file " + args[0] + ": " + e); System.exit(1);
return; }

 ZipFile file2;
 try { file2 = new ZipFile(args[1]); }
 catch (IOException e) { System.out.println("Could not open zip file " + args[0] + ": " + e); System.exit(1);
return; }

 System.out.println("Comparing " + args[0] + " with " + args[1] + ":");

 Set set1 = new LinkedHashSet();
 for (Enumeration e = file1.entries(); e.hasMoreElements();)
 set1.add(((ZipEntry)e.nextElement()).getName());

 Set set2 = new LinkedHashSet();
 for (Enumeration e = file2.entries(); e.hasMoreElements();)
 set2.add(((ZipEntry)e.nextElement()).getName());

 int errcount = 0;
 int filecount = 0;
 for (Iterator i = set1.iterator(); i.hasNext();)
 {
 String name = (String)i.next();
 if (!set2.contains(name))
 {
 System.out.println(name + " not found in " + args[1]);
 }
 }
 }
}

```

```

 errcount += 1;
 continue;
 }
 try
 {
 set2.remove(name);
 if (!streamsEqual(file1.getInputStream(file1.getEntry(name)), file2.getInputStream(file2.getEntry(name))))
 {
 System.out.println(name + " does not match");
 errcount += 1;
 continue;
 }
 }
 catch (Exception e)
 {
 System.out.println(name + ": IO Error " + e);
 e.printStackTrace();
 errcount += 1;
 continue;
 }
 filecount += 1;
}
for (Iterator i = set2.iterator(); i.hasNext();)
{
 String name = (String)i.next();
 System.out.println(name + " not found in " + args[0]);
 errcount += 1;
}
System.out.println(filecount + " entries matched");
if (errcount > 0)
{
 System.out.println(errcount + " entries did not match");
 System.exit(1);
}
System.exit(0);
}

```

```

static boolean streamsEqual(InputStream stream1, InputStream stream2) throws IOException
{
 byte[] buf1 = new byte[4096];
 byte[] buf2 = new byte[4096];
 boolean done1 = false;
 boolean done2 = false;

 try
 {
 while (!done1)
 {

```

```

int off1 = 0;
int off2 = 0;

while (off1 < buf1.length)
{
 int count = stream1.read(buf1, off1, buf1.length - off1);
 if (count < 0)
 {
 done1 = true;
 break;
 }
 off1 += count;
}
while (off2 < buf2.length)
{
 int count = stream2.read(buf2, off2, buf2.length - off2);
 if (count < 0)
 {
 done2 = true;
 break;
 }
 off2 += count;
}
if (off1 != off2 || done1 != done2)
 return false;
for (int i = 0; i < off1; i++)
{
 if (buf1[i] != buf2[i])
 return false;
}
}
return true;
}
finally { stream1.close(); stream2.close(); }
}
}

```

## 1.328 zeromq 3.2.3

### 1.328.1 Available under license :

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## 1.329 zeromq 3.2.0

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Welcome

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The OMQ lightweight messaging kernel is a library which extends the standard socket interfaces with features traditionally provided by specialised messaging middleware products. OMQ sockets provide an abstraction of asynchronous message queues, multiple messaging patterns, message filtering (subscriptions), seamless access to multiple transport protocols and more.

## Building and installation

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See the INSTALL file included with the distribution.

## Resources

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Extensive documentation is provided with the distribution. Refer to doc/zmq.html, or "man zmq" after you have installed 0MQ on your system.

Website: <http://www.zeromq.org/>

Development mailing list: [zeromq-dev@lists.zeromq.org](mailto:zeromq-dev@lists.zeromq.org)

Announcements mailing list: [zeromq-announce@lists.zeromq.org](mailto:zeromq-announce@lists.zeromq.org)

Git repository: <http://github.com/zeromq/libzmq>

0MQ developers can also be found on the IRC channel #zeromq, on the Freenode network ([irc.freenode.net](http://irc.freenode.net)).

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